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Periodic Monitoring Report for Los Alamos Watershed, July 7–July 23, 2009

Prepared by the Environmental Programs Directorate

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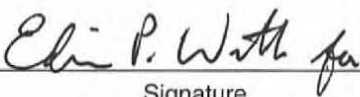
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EXECUTIVE SUMMARY

The purpose of this report is to provide the results of the periodic monitoring event (PME) conducted by Los Alamos National Laboratory in the Los Alamos Watershed. This PME was conducted pursuant to the 2008 Interim Facility-Wide Groundwater Monitoring Plan, prepared under the Compliance Order on Consent.

The PME documented in this report occurred from July 7 to July 23, 2009, and included sampling of groundwater wells or well ports, springs, and base-flow stations. No unreported results from previous monitoring events were above standards or screening levels.

Water samples collected during this PME were analyzed for target analyte list metals, volatile organic compounds, cyanide, semivolatile organic compounds, pesticides, polychlorinated biphenyls (PCB), high explosives, radionuclides, low-level tritium, inorganics, perchlorate, stable isotopes, and field parameters (alkalinity, dissolved oxygen, pH, specific conductance, temperature, and turbidity).

No previously unreported results for either surface water or groundwater were above screening levels. For the current PME, 15 PCB results exceeded the New Mexico Human Health Standard (0.0006 µg/L). These PCB exceedance results were measured by the congener method at three surface water locations: DP below Meadow at TA-21 (one analyte), Pueblo above Acid (two analytes), and Acid above Pueblo (twelve analytes).

The perchlorate screening level was exceeded at intermediate aquifer wells R-6i and LAOI-3.2. Regional aquifer monitoring well R-4 had a perchlorate result that exceeded the screening level of 4 µg/L. At Los Alamos Canyon intermediate well R-6i, three polycyclic aromatic hydrocarbon compounds were detected for the first time: benzo(a)pyrene; benzo(b)fluoranthene; and indeno(1,2,3-cd)pyrene. The concentrations were above the U.S. Environmental Protection Agency (EPA) maximum contaminant level (MCL) of 0.2 µg/L for benzo(a)pyrene and the EPA tap water screening levels of 0.29 µg/L for the other two compounds. At Los Alamos Canyon intermediate well TA-53i, bis(2-ethylhexyl)phthalate was detected in two samples. The concentrations were above the EPA MCL of 6 µg/L.

The strontium-90 activities in one alluvial spring (DP Spring) in DP canyon and three alluvial wells (LAUZ-1, LAO-2, and LAO-3a) in Los Alamos canyon were above the 8 pCi/L EPA MCL. The filtered iron or manganese results at three alluvial wells (iron at PAO-4 and manganese at PAO-4, APCO-1, and LAUZ-1) were above the New Mexico Water Quality Control Commission (NMWQCC) groundwater standards (applicable domestic water supply) of 1000 µg/L and 200 µg/L, respectively. The filtered iron or manganese results at intermediate wells R-9i (manganese) and Test Well (TW) 2A (iron and manganese) were above the NMWQCC groundwater standards (applicable domestic water supply) of 1000 µg/L and 200 µg/L, respectively.

The filtered arsenic result in Pueblo Canyon alluvial well APCO-1 of 12 µg/L was above the EPA MCL of 10 µg/L. The unfiltered sample at TW-2A also contained cadmium above the EPA MCL of 5 µg/L and lead above the EPA drinking water system screening level of 15 µg/L. The unfiltered gross-beta measurements at alluvial DP Spring (101 pCi/L) and alluvial well LAUZ-1 (92.1 pCi/L) were above the 50 pCi/L EPA drinking water screening level.

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Acronyms and Abbreviations

μS/cm	microsiemens per centimeter
AQA	Analytical Quality Associates, Inc.
BCG	Biota Concentration Guide (DOE)
DCGs	Derived Concentration Guidelines (DOE)
DOE	Department of Energy (U.S.)
EP	Environmental Programs Directorate
EPA	U.S. Environmental Protection Agency
F	filtered
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
MCL	maximum contaminant level (EPA)
MDL	method detection limit
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
NTU	nephelometric turbidity unit
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PME	periodic monitoring event
QC	quality control
RPF	Records Processing Facility
SVOC	semivolatile organic compound

SWMU	solid waste management unit
TA	technical area
TW	Test Well
VOC	volatile organic compound

1.0 INTRODUCTION

This report provides documentation of semiannual groundwater and surface-water monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the Los Alamos Watershed pursuant to the Interim Facility-Wide Groundwater Monitoring Plan (IFGMP) (LANL 2008, 101897), prepared under the Compliance Order on Consent (Consent Order). This periodic monitoring event (PME) occurred from July 7 to July 23, 2009, and included sampling at groundwater wells or ports, springs, and base-flow stations.

The Consent Order identifies New Mexico Water Quality Control Commission (NMWQCC) groundwater standards, including alternative abatement standards and U.S. Environmental Protection Agency (EPA) drinking water maximum contaminant levels (MCLs), as cleanup levels for groundwater when corrective action is implemented. NMWQCC groundwater standards, MCLs, and EPA regional tap water screening levels are used as screening levels for monitoring data and are provided in this report.

This report presents the following information:

- general background information on the watershed
- field-measurement monitoring results
- water-quality monitoring results
- results of the screening analysis (comparing the PME results with regulatory screening levels and results from previous reports)
- a summary based on the data and the screening analysis

Information on radioactive materials and radionuclides, including the results of sampling and analysis of radioactive constituents, is voluntarily provided to the New Mexico Environment Department (NMED) in accordance with U.S. Department of Energy (DOE) policy.

1.1 Background

The Los Alamos Watershed encompasses approximately 57 mi² (148 km²). It includes Los Alamos, Pueblo, DP, and Acid Canyons. Bayo, Guaje, Rendija, and Barrancas Canyons (collectively known as the North Canyons) are smaller tributary canyons in the watershed. The watershed contains numerous springs, perennial and ephemeral stream segments, and alluvial groundwater. Portions of Los Alamos townsite, Los Alamos County, Santa Fe County, and San Ildefonso Pueblo tribal lands are located within the Los Alamos Watershed.

Laboratory operations have been associated with the release of treated and untreated effluent into the watershed from the establishment of the Laboratory in the 1940s to the present. Current discharges subject to National Pollutant Discharge Elimination System permit requirements, runoff from solid waste management units, and areas of concern at former and current Technical Area 00 (TA-00), TA-01, TA-02, TA-03, TA-19, TA-21, TA-31, TA-41, TA-43, TA-53, TA-72, and TA-73 have contributed to contaminant releases within the watershed.

2.0 SCOPE OF ACTIVITIES

The PME for the Los Alamos Watershed was conducted pursuant to the 2008 IFGMP.

Table 2.0-1 provides the location name, sample collection date, port name, port depth, screened interval, top and bottom screen depths, base flow or water level, and the water-level observation method for each of the monitored locations. These locations are shown in Figure 2.0-1.

3.0 MONITORING RESULTS

3.1 Methods and Procedures

All methods and procedures used to perform the field activities associated with the PME are documented in the 2008 IFGMP.

3.2 Field Parameter Results

Appendix A contains the field parameter results for the PME.

3.3 Water-Level Observations

The periodic monitoring groundwater elevation data for this event and the previous three monitoring events are presented in Appendix B. For wells equipped with transducers, the reported water level is the water-level measurement taken earliest on the day of sampling. All manual measurements are reported at the time immediately before sampling. One year of groundwater-level measurements, including data taken during this PME, are shown graphically in Plate 1. Similarly, base-flow measurements are shown graphically in Plate 2.

3.4 Deviations from Planned Scope

Table 3.4-1 describes the field-work deviations from the planned scope of the PMEs. Table 3.4-2 presents analytical laboratory deviations encountered for the PMEs.

4.0 ANALYTICAL DATA RESULTS

4.1 Methods and Procedures

All methods and procedures used to perform the analytical activities of the PME are documented in the 2008 IFGMP.

All sampling, data reviews, and data package validations were conducted using standard operating procedures that are part of a comprehensive quality assurance program. The quality program and procedures may be viewed at <http://www.lanl.gov/environment/all/qa.shtml>. Completed chain-of-custody forms serve as an analytical request form and include the requester or owner, sample number, program code, date and time of sample collection, total number of bottles, list of analytes to be measured, bottle sizes, and preservatives for each analysis required.

The required analytical laboratory batch quality control (QC) is defined by the analytical method, the analytical statement of work, and generally accepted laboratory practices. The analytical laboratory assigns qualifiers to the data to indicate the quality of the analytical results. The laboratory batch QC is used in the secondary data-validation process to evaluate the quality of individual analytical results, evaluate the appropriateness of the analytical methodologies, and measure the routine performance of the analytical laboratory.

In addition to batch QC performed by laboratories, the Laboratory submitted field QC samples to test the overall sampling and analytical laboratory process and to spot-check for analytical problems. These results are used in secondary validation along with information provided by the analytical laboratory.

After the Laboratory receives the analytical laboratory data packages, the packages receive secondary validation by an independent contractor, Analytical Quality Associates, Inc. (AQA). AQA's reviews follow the guidelines set in the DOE model SOP for data validation, which includes reviewing the data quality and the documentation's correctness and completeness; verifying that holding times were met; and ensuring that analytical laboratory QC measures were applied, documented, and kept within contract requirements. As a result of secondary validation, a second set of qualifiers is assigned to the analytical results.

The Laboratory assigns detection status to the analytical result based on the analytical laboratory and secondary validation qualifiers. A "<" symbol indicates that based on the qualifiers the result was a nondetect.

4.2 Analytical Data

Table C-1 in Appendix C presents previously unreported analytical data. Table C-2 presents the analytical data from this PME and from the last three sampling events immediately before the July 2009 sampling event. The screening levels with which the results are compared are presented in Table 4.2-1. The analytical laboratory reports (including chain-of-custody forms, data validation, etc.) are presented in Appendix F.

Table C-2 contains all data collected during the PME (i.e., all data that have been independently reviewed for conformance with Laboratory requirements), with the following constraints.

- All data
 - ❖ Data that are R-qualified (rejected because of noncompliance regarding QC acceptance criteria) during independent validation are considered "not detected" but are still reported. Analytical laboratory QC results, including matrix spike and matrix spike duplicates, are not included in the data set.
- Radionuclides
 - ❖ All low-detection-limit tritium data are reported. Results greater than 3 times the 1 standard deviation total propagated analytical uncertainty (or 3σ) are considered to be detections.
 - ❖ Americium-241 and uranium-235 are reported only by chemical separation alpha spectroscopy. No gamma spectroscopy results are presented for these analytes.
 - ❖ Only cesium-137, cobalt-60, neptunium-237, potassium-40, and sodium-22 are reported (or analyzed) for the gamma spectroscopy suite.
 - ❖ All results without a laboratory qualifier of U or X (abbreviations that indicate the analyte was not detected) are reported at all locations.
- Nonradionuclides
 - ❖ All results, excluding nondetects, are reported. Field duplicates, reanalyses, field blanks, trip blanks, equipment blanks, and different analytical methods are also reported.

The screening levels applied to all media and their sources are listed in Table 4.2-1.

Data for periodic monitoring reports are evaluated using the following screening process.

- Surface-water and groundwater perchlorate data were compared with the 4 µg/L screening level established in Section VIII.A.1.a of the Consent Order. The NMWQCC groundwater standards apply to the dissolved (filtered) portion of specified contaminants; however, the standards for mercury, organic compounds, and nonaqueous phase liquids apply to the total unfiltered concentrations of the contaminants.
- As required by the Consent Order, EPA regional screening levels for tap water are used for constituents having no other regulatory standard and for which toxicological information is published. For these screening levels, the tables indicate a risk type of C (excess cancer risk level of 10^{-5}) or N (noncancer). The Consent Order specifies screening for excess cancer risk at a risk level of 10^{-5} (rather than 10^{-6} as given in the EPA tables). Therefore, the EPA values were multiplied by 10 to obtain the 10^{-5} excess cancer risk level.
- The analytical results for radioactivity are compared with the DOE Biota Concentration Guide (BCG) for surface water and Derived Concentration Guidelines (DCGs) for groundwater.

Tables D-1 through D-10 (Appendix D) show all values for perchlorate, radionuclides, and organic compounds and all values greater than half the lowest applicable screening-level values for metals and inorganic compounds.

Analytical results are presented graphically in Appendix E in diagrams displaying a series of selected analytes. The analytes were selected from data collected during the PME's because they were above screening levels at least once during the three most recent sampling events. Once an analyte meets this criterion, the concentrations of the analyte are plotted for a 3-yr period. If 3 yr of data are not available, then all available results for the analyte are plotted. When shown, the solid red lines depict applicable screening levels. Some screening levels may exceed the highest concentration displayed but may not appear on the diagram.

Tables D-1 through D-10 (Appendix D) present the results from comparing the surface-water and groundwater data with screening levels. Table 4.2-2 shows results for surface-water and groundwater data (by hydrogeologic zone for a specific analytical suite) that are above a screening level. Multiple detections of a particular constituent at a location are counted as one result. For example, if aluminum is detected above a screening level in both a primary sample and a field duplicate, only one result is shown.

Figures 4.2-1 through 4.2-5 display analyte concentrations that exceed a screening level at more than one sampling location from the current PME. For example, the unfiltered gross-beta measurements at alluvial DP Spring and alluvial well LAUZ-1 were above the 50 pCi/L EPA drinking water screening level, so all available gross-beta values from the current PME are shown on the map in addition to the screening level exceedances. The plots show gross beta, strontium-90, manganese, iron, and perchlorate concentrations.

4.2.1 Surface Water (Base Flow)

No previously unreported surface-water results from the previous PME's are above screening levels.

Polychlorinated biphenyls (PCBs) were measured by the congener method at three surface water locations: DP below Meadow at TA-21, Pueblo above Acid, and Acid above Pueblo. One analyte at DP below Meadow at TA-21, two analytes at Pueblo above Acid, and 12 analytes at Acid above Pueblo were

above the 0.0006- $\mu\text{g/L}$ New Mexico Human Health Standard. These are the first detections at these locations by this analytical method.

4.2.2 Groundwater

No previously unreported groundwater results from the previous PME's are above screening levels.

The unfiltered gross-beta measurements at alluvial DP Spring (101 pCi/L) and alluvial well LAUZ-1 (92.1 pCi/L) were above the 50 pCi/L EPA drinking water screening level.

The strontium-90 activities in one alluvial spring (DP Spring at 48.8 pCi/L) in DP Canyon and three alluvial wells (LAUZ-1, LAO-2, and LAO-3a at 49.2 pCi/L, 12.2 pCi/L, and 21.8 pCi/L, respectively) in Los Alamos Canyon were above the 8 pCi/L EPA MCL. The strontium-90 activities in samples from these locations have been in these ranges for the past 10 yr.

The filtered iron (PAO-4 at 5210 $\mu\text{g/L}$) or manganese results (PAO-4, APCO-1 and LAUZ-1 at 1520 $\mu\text{g/L}$, 957 $\mu\text{g/L}$, and 1750 $\mu\text{g/L}$, respectively) at three alluvial wells were above the NMWQCC groundwater standards (applicable domestic water supply) of 1000 $\mu\text{g/L}$ and 200 $\mu\text{g/L}$, respectively. Earlier results in these wells are highly variable and have previously been above the standards.

The filtered arsenic result in Pueblo Canyon alluvial well APCO-1 of 12 $\mu\text{g/L}$ was above the EPA MCL of 10 $\mu\text{g/L}$. This value is the highest result measured at this location, but there are several previous measurements between 9 $\mu\text{g/L}$ and 11 $\mu\text{g/L}$. The filtered and unfiltered results measured at this well since 1990 have been quite variable.

The perchlorate concentrations at two intermediate wells (R-6i and LAOI-3.2 at 7 $\mu\text{g/L}$ and 4.45 $\mu\text{g/L}$, respectively) were above the Consent Order screening level for perchlorate of 4 $\mu\text{g/L}$. The results at R-6i and LAOI-3.2 are consistent with earlier measurements; at LAOI-3.2 the result is the lowest of the last 3 yr.

The filtered iron or manganese results at intermediate wells R-9i (manganese at 244 $\mu\text{g/L}$) and Test Well (TW) 2A (iron and manganese at 6090 $\mu\text{g/L}$ and 828 $\mu\text{g/L}$, respectively) were above the NMWQCC groundwater standards (applicable domestic water supply) of 1000 $\mu\text{g/L}$ and 200 $\mu\text{g/L}$, respectively. Earlier iron results in TW-2A and manganese results in R-9i are variable and have previously been above the standards. TW-2A had not been sampled since 2001. This is only the third filtered iron and manganese results in TW-2A (earlier results were taken in 1993 and 1994); the manganese result is the highest. The turbidity for this sample event was 401 nephelometric turbidity units (NTUs), an exceptionally high value for a well sample. The only other turbidity result available is a 2005 value of 9.7 NTU.

The unfiltered sample at TW-2A also contained cadmium (8.18 $\mu\text{g/L}$) above the EPA MCL of 5 $\mu\text{g/L}$, and lead (321 $\mu\text{g/L}$) above the EPA drinking water system screening level of 15 $\mu\text{g/L}$. Higher cadmium results were found in samples from the late 1970s and early 1990s. The current lead value of 321 $\mu\text{g/L}$ is the highest measured at this location. The previous high result was 220 $\mu\text{g/L}$ in 1980.

At Los Alamos Canyon intermediate well R-6i, three polycyclic aromatic hydrocarbons (PAHs) were detected for the first time: benzo(a)pyrene (2.12 $\mu\text{g/L}$); benzo(b)fluoranthene (3.68 $\mu\text{g/L}$); and indeno(1,2,3-cd)pyrene (0.837 $\mu\text{g/L}$). The concentrations were above the EPA MCL of 0.2 $\mu\text{g/L}$ for benzo(a)pyrene and the EPA tap water screening levels of 0.29 $\mu\text{g/L}$ for the other two compounds. These are the first detections out of 11 sampling events.

At Los Alamos Watershed intermediate well TA-53i, bis(2-ethylhexyl)phthalate was detected in two samples at concentrations of 16.3 µg/L and 10.8 µg/L, above the EPA MCL of 6 µg/L. These are the first two samples for the well. Between the two samples, the concentrations decreased from 16.3 µg/L to 10.8 µg/L.

The regional aquifer perchlorate concentrations in Pueblo Canyon at regional monitoring well R-4 was 4.57 µg/L, above the Consent Order screening level of 4 µg/L for perchlorate, and typical of measurements made since sampling began in October 2003.

4.3 Sampling Program Modifications

No modifications to the periodic monitoring sampling for the Los Alamos Watershed are proposed at this time.

5.0 SUMMARY

5.1 Monitoring Results

The field parameter monitoring results are presented in Appendix A. Results of all parameters during the monitoring year will be provided in the annual update to the IFGMP.

5.2 Analytical Results

5.2.1 Surface Water (Base Flow)

Other than PCB compounds found at three locations (Pueblo above Acid, Acid above Pueblo, and DP below Meadow at TA-21), the types of contaminants detected and their concentrations are consistent with data reported from previous monitoring events in this watershed.

Surface water samples collected during this PME from Los Alamos Canyon detected 15 PCB results that exceeded screening levels (Table 4.2-2).

5.2.2 Groundwater

Other than PAH compounds measured at R-6i, bis(2-ethylhexyl)phthalate at TA-53i, the highest results for arsenic at APCO-1, and lead and manganese at TW-2A, the types of contaminants detected and their concentrations are consistent with data reported from previous monitoring events in this watershed.

Over all, 24 results from groundwater samples collected during this PME from Los Alamos Canyon exceeded screening levels (Table 4.2-2).

5.3 Data Gaps

Table 3.4-1 summarizes the field parameter deviations encountered during this PME. The table provides a detailed account of sampling-event deviations. Table 3.4-2 presents analytical laboratory deviations encountered for the PMEs.

6.0 REFERENCE

The following list includes all documents cited in this report. Parenthetical information following each reference provides the author(s), publication date, and ER ID. This information is also included in text citations. ER IDs are assigned by the Environmental Programs Directorate's Records Processing Facility (RPF) and are used to locate the document at the RPF and, where applicable, in the master reference set.

Copies of the master reference set are maintained at the NMED Hazardous Waste Bureau and the Directorate. The set was developed to ensure that the administrative authority has all material needed to review this document, and it is updated with every document submitted to the administrative authority. Documents previously submitted to the administrative authority are not included.

LANL (Los Alamos National Laboratory), May 2008. "2008 Interim Facility-Wide Groundwater Monitoring Plan," Los Alamos National Laboratory document LA-UR-08-3273, Los Alamos, New Mexico. (LANL 2008, 101897)

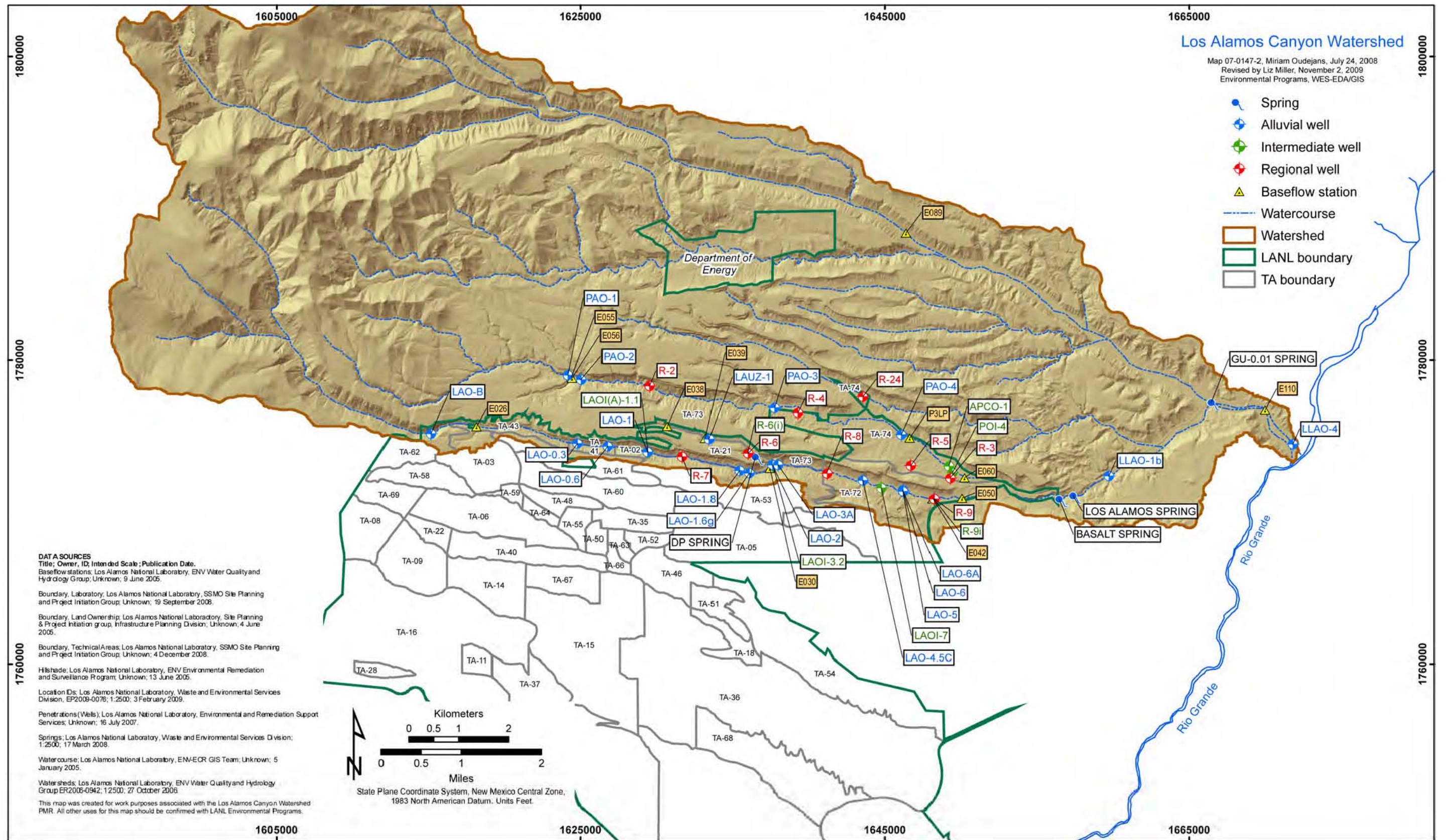
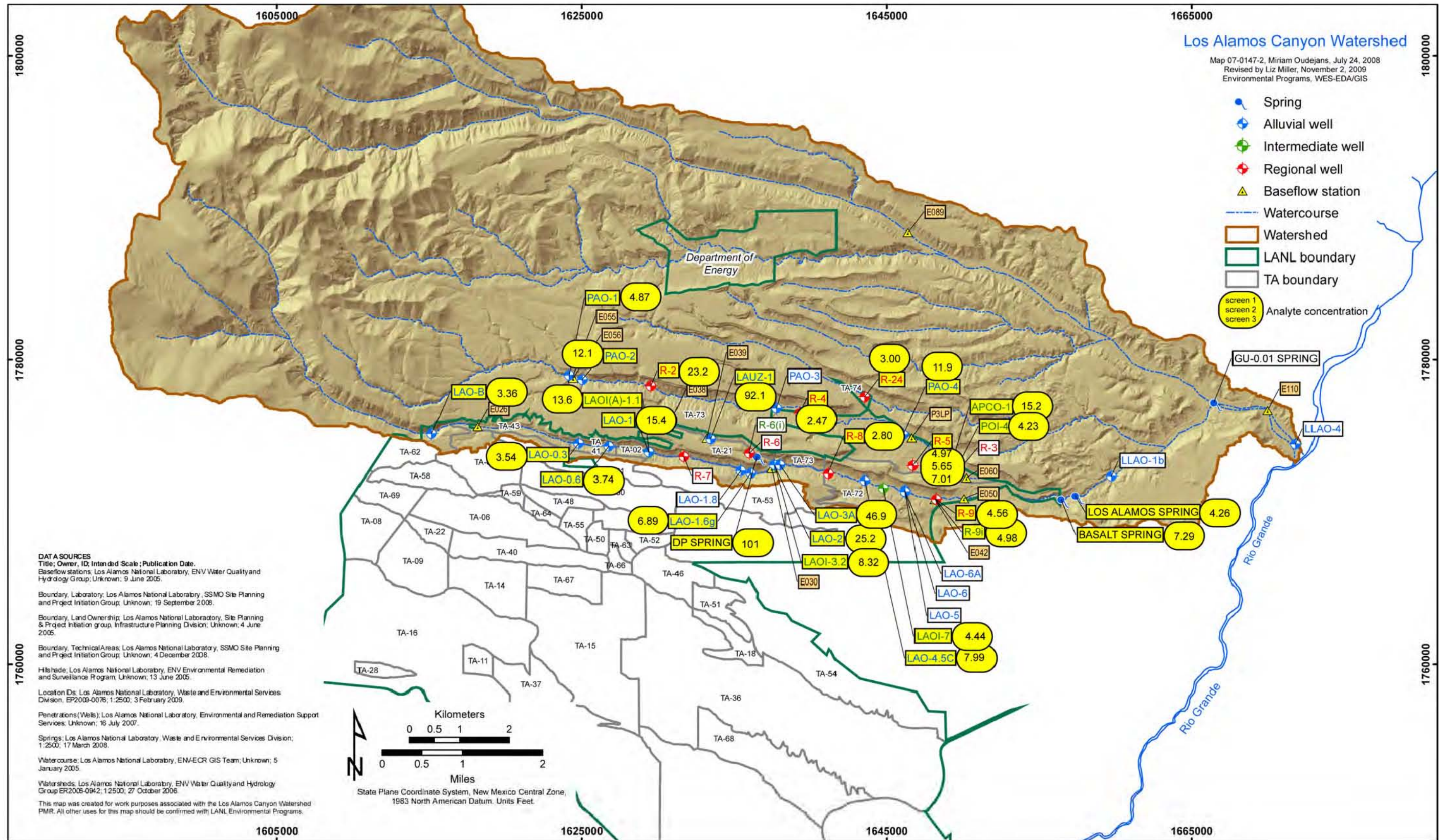
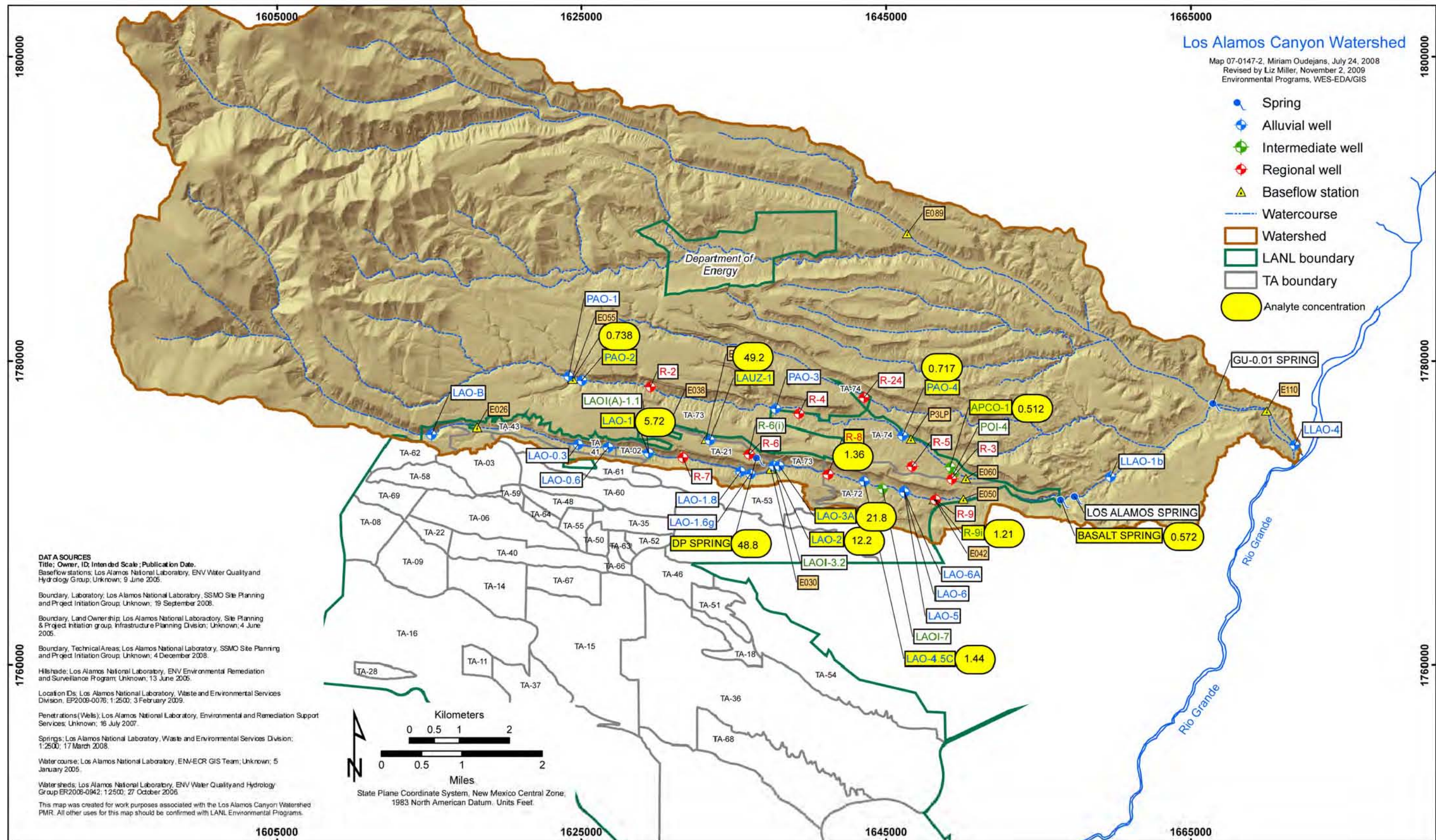


Figure 2.0-1 Watershed monitoring locations



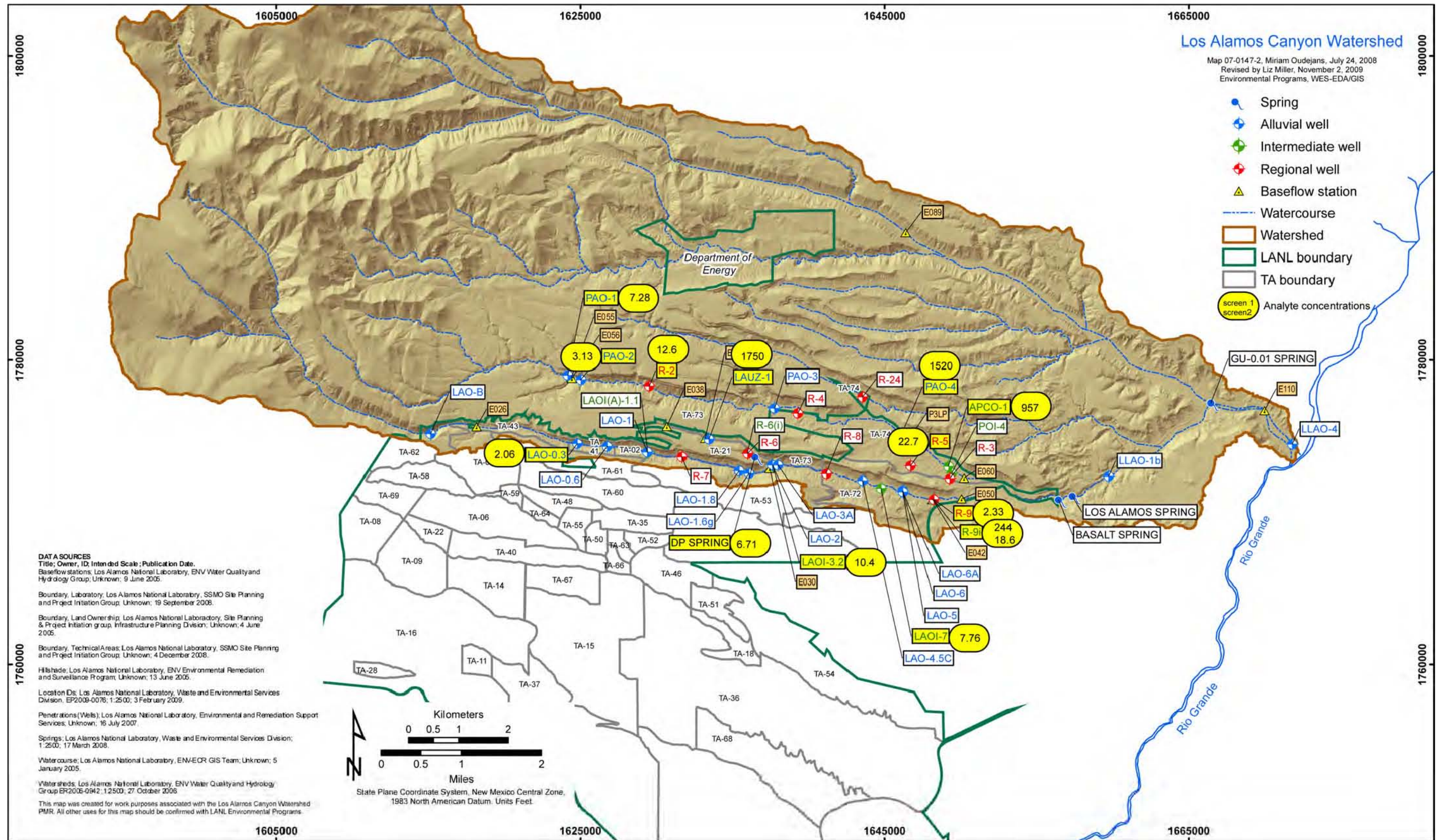
Notes: Gross beta screening level is 50 pCi/L. Locations with no data were either nondetections or were not sampled.

Figure 4.2-1 Groundwater unfiltered gross beta concentrations in pCi/L



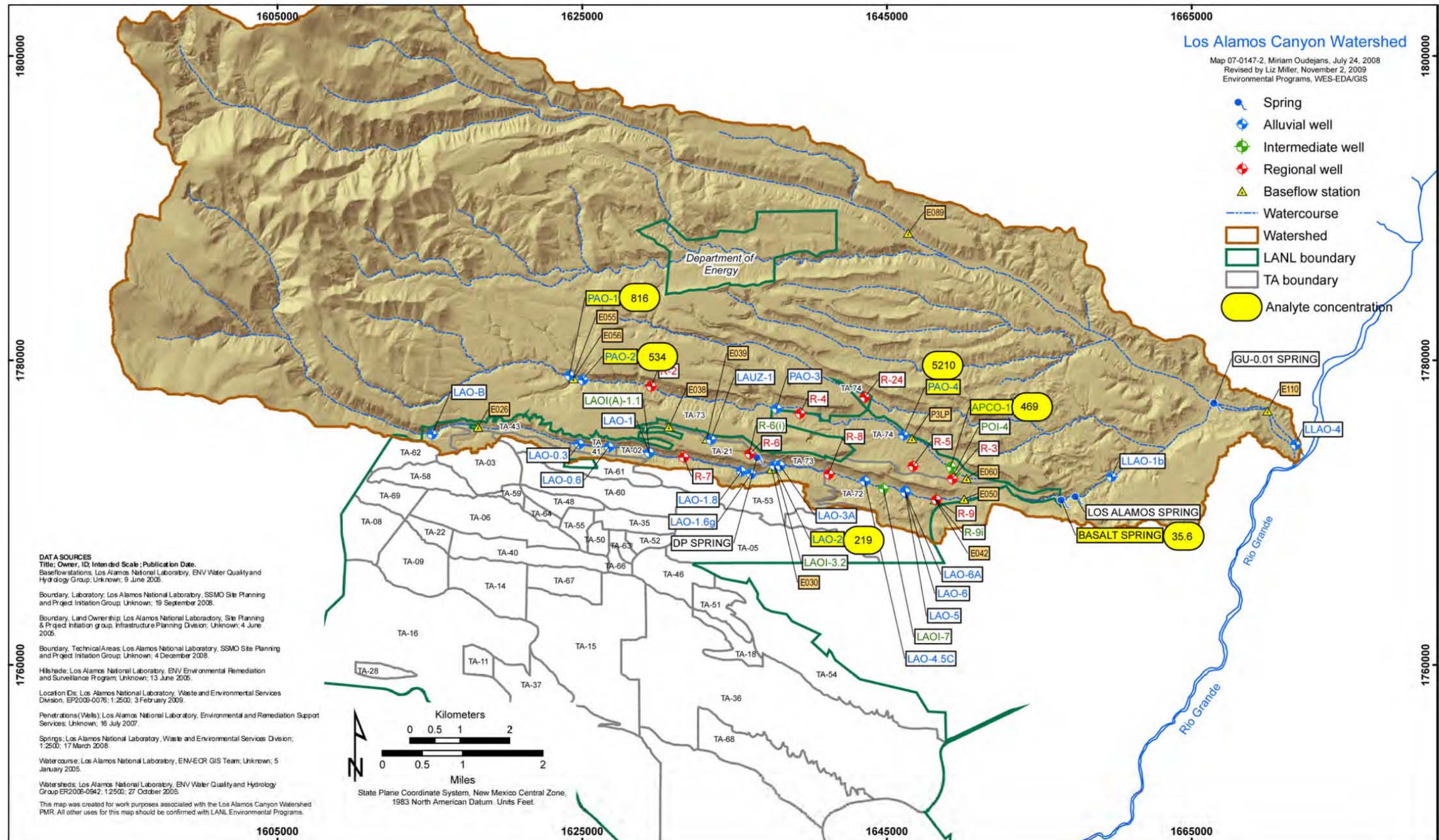
Notes: Strontium-90 screening level is 8 pCi/L. Locations with no data were either nondetections or were not sampled.

Figure 4.2-2 Groundwater unfiltered strontium-90 concentrations in pCi/L



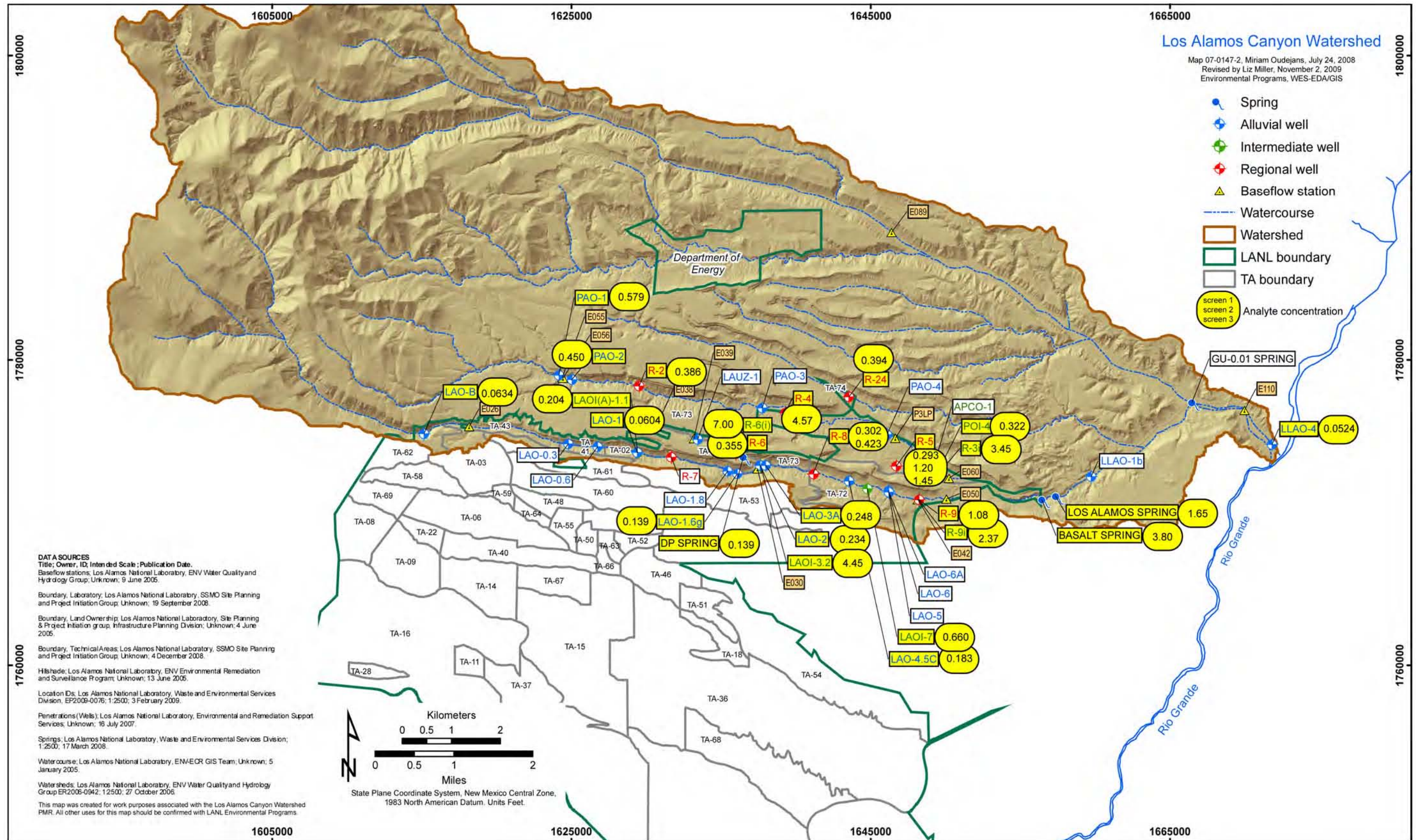
Notes: Manganese screening level is 200 µg/L. Locations with no data were either nondetections or were not sampled.

Figure 4.2-3 Groundwater filtered manganese concentrations in µg/L



Notes: Iron screening level is 1000 µg/L. Locations with no data were either nondetections or were not sampled.

Figure 4.2-4 Groundwater filtered iron concentrations in µg/L



**Table 2.0-1
Monitoring Locations and General Information**

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Base Flow (ft ³ /s)	Water Level (ft amsl ^a)	Water-Level Method
Base Flow											
Acid above Pueblo (E056)	9-Jul-09	n/a ^b	n/a	n/a	n/a	n/a	n/a	n/a	2.68	n/a	n/a
DP above TA-21 (E038)	14-Jul-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry ^c	n/a	n/a
DP below Meadow at TA-21 (E039)	14-Jul-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	na ^d	n/a	n/a
Guaje above Rendija (E089)	17-Jul-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry	n/a	n/a
Los Alamos above DP Canyon (E030)	17-Jul-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry	n/a	n/a
Los Alamos above SR-4 (E042)	17-Jul-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry	n/a	n/a
Los Alamos below Ice Rink (E026)	17-Jul-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry	n/a	n/a
Los Alamos below LA Weir (E050)	17-Jul-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry	n/a	n/a
Los Alamos Canyon near Otowi Bridge (E110)	10-Jul-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry	n/a	n/a
Pueblo 3	21-Jul-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	4.28	n/a	n/a
Pueblo above Acid (E055)	9-Jul-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	25.3	n/a	n/a
Pueblo above SR-502 (E060)	17-Jul-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry	n/a	n/a

Table 2.0-1 (continued)

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Base Flow (ft ³ /s)	Water Level (ft amsl ^a)	Water-Level Method
Springs											
Basalt Spring	13-Jan-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	22.50	n/a	n/a
DP Spring	Not scheduled to be sampled this round	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.08	n/a	n/a
Los Alamos Spring	13-Jan-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.011	n/a	n/a
Alluvial											
APCO-1	20-Jul-09	Single	4.7	10	4.7	14.7	2.35	3.3	0.0068	6362.25	Manual
LAO-0.3	13-Jul-09	Single	5.9	5	5.9	10.9	3.4	3.5	0.0068	6961.92	Manual
LAO-0.6	13-Jul-09	Single	8	5	8	13	5.71	17.4	0.022	6905.73	Manual
LAO-1	16-Jul-09	Single	8	20	8	28	8	8.1	0.022	6830.08	Manual
LAO-1.6g	16-Jul-09	Single	10.47	15	10.47	25.47	14.2	14.3	0.022	6648.68	Manual
LAO-2	15-Jul-09	Single	7	25	7	32	6.8	20.7	0.015	6609.56	Manual
LAO-3a	15-Jul-09	Single	4.7	10	4.7	14.7	1.3	3	0.014	6602.53	Manual
LAO-4.5c	14-Jul-09	Single	13.3	10	13.3	23.3	0.7	2.2	0.015	6471.05	Manual
LAO-5	17-Jul-09	Single	5	20	5	25	n/a	n/a	n/a	Dry	n/a
LAO-6a	17-Jul-09	Single	4.2	10	4.2	14.2	n/a	n/a	n/a	Dry	n/a
LAO-B	14-Jul-09	Single	11.84	15	11.84	26.84	13.3	13.5	0.022	7315.8	Manual
LAUZ-1	17-Jul-09	Single	5.35	5	5.35	10.35	5.6	5.6	0.022	7030.07	Manual
LLAO-1b	8-Jul-09	Single	11.32	10	11.32	21.32	n/a	n/a	n/a	Dry	n/a
LLAO-4	8-Jul-09	Single	5.24	10	5.24	15.24	6.7	6.7	0.022	5507.45	Manual
PAO-1	7-Jul-09	Single	5.89	5	5.89	10.89	5.6	5.6	0.009	6949.29	Manual
PAO-2	10-Jul-09	Single	6.06	5	6.06	11.06	4.3	4.3	0.009	6923.14	Manual
PAO-4	20-Jul-09	Single	1.97	5	1.97	6.97	5.9	5.9	0.022	6436.53	Manual

Table 2.0-1 (continued)

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Base Flow (ft ³ /s)	Water Level (ft amsl ^a)	Water-Level Method
Intermediate											
LAOI(a)-1.1	7-Jul-09	Single	295.2	9.8	295.2	305	6.3	37	0.038	6542.2	Manual
LAOI-3.2	8-Jul-09	Single	153.3	9.5	153.3	162.8	6.6	22.0	0.014	6498.1	Manual
LAOI-3.2a	8-Jul-09	Single	181.4	9.6	181.4	191	3.8	13.5	0.086	6440.8	Manual
LAOI-7	13-Jul-09	Single	240	19.6	240	259.6	17.2	110.0	3.25	6240.4	Manual
LADP-3	15-Jul-09	Single	316	9	316	325	0.4	4.7	0.038	6433.1	Manual
POI-4	15-Jul-09	Single	159	15	159	174	11.2	37.3	0.044	6212.96	Manual
R-3i	22-Jul-09	Single	215.2	6.8	215.2	222	5.94	21.15	0.044	6204.62	Manual
R-5	22-Jul-09	MP1A	329.5	5.1	326.4	331.5	n/a	n/a	n/a	Dry	n/a
R-5	22-Jul-09	MP2A	383.9	16	372.8	388.8	na	na	na	6134.18	Transducer
R-6i	14-Jul-09	Single	602	10	602	612	17.7	95	0.038	6403.4	Manual
R-7	20-Jul-09	MP1A	378	16	363.2	379.2	n/a	n/a	n/a	Dry	n/a
R-7	20-Jul-09	MP2A	744.8	16	730.4	746.4	n/a	n/a	n/a	Dry	n/a
R-9i	8-Jul-09	MP1A	198.8	10.4	189.1	199.5	na	na	na	6240.51	Manual
R-9i	8-Jul-09	MP2A	278.8	10.7	269.6	280.3	na	na	na	6130.06	Manual
TA-53i	20-Jul-09	Single	600	10	600	610	17.5	90.0	0.24	6386.53	Transducer
Test Well 2A	21-Jul-09	Single	123	10	123	133	40.54	68.3	0.479	6545.0	n/a
Regional											
R-2	10-Jul-09	Single	918	23.12	906.45	929.57	35	203	0.12	5869.5	Manual
R-24	16-Jul-09	Single	825	23	825	848	115.3	395	0.36	5825.92	Manual
R-4	16-Jul-09	Single	792.9	23.1	792.9	816	75.7	310	0.256	5829.10	Manual
R-5	22-Jul-09	MP3B	695.1	43.4	676.9	720.3	na	na	na	5765.44	Transducer
R-5	23-Jul-09	MP4A	860.9	5	858.7	863.7	na	na	na	5746.08	Transducer
R-6	14-Jul-09	Single	1205	23	1205	1228	76.9	278.3	0.73	5836.92	Manual

Table 2.0-1 (continued)

Location	Sample Collection Date	Port Name	Port Depth (ft)	Screened Interval (ft)	Top Screen Depth (ft)	Bottom Screen Depth (ft)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Base Flow (ft ³ /s)	Water Level (ft amsl ^a)	Water-Level Method
R-7	20-Jul-09	MP3A	915.1	41.9	895.5	937.4	na	na	na	5876.35	Transducer
R-8	20-Jul-09	MP1A	711.1	50.39	705.31	755.7	na	na	na	5850.69	Transducer
R-8	9-Jul-09	MP2A	825	7	821	828	na	na	na	5831.6	Transducer
R-9	13-Jul-09	Single	684	65.5	683	748.5	54.8	285	0.94	5691.1	Manual
Test Well 3	22-Jul-09	Single	805	10	805	815	105.6	318	0.047	5837.77	Manual

^a amsl = Above mean sea level.

^b n/a = Not applicable.

^c See Table 3.4-1 for explanation.

^d na = Not available.

**Table 3.4-1
Observations and Deviations**

Locations	Deviation	Cause	Comment
LLAO-1b	No data are included in this report for this location.	The location was not sampled on 07/08/09 because it was dry.	Location will be sampled when sufficient water is present.
Los Alamos Canyon near Otowi Bridge (E110)	No data are included in this report for this location.	The location was not sampled on 07/10/09 because it was dry.	Location will be sampled when sufficient water is present.
DP above TA-21 (E038), DP below Meadow at TA-21 (E039)	No data are included in this report for these locations.	These locations were not sampled on 07/14/09 because they were dry.	Location will be sampled during next scheduled sampling round.
Guaje above Rendija Canyon (E089), Los Alamos above DP Canyon (E030), Los Alamos above SR-4 (E042), Los Alamos below Ice Rink (E026), Los Alamos below LA Weir (E050), Pueblo above SR-502 (E060), LAO-5, LAO-6a	No data are included in this report for these locations.	The locations were not sampled on 07/17/09 because they were dry.	Locations will be sampled when sufficient water is present.
R-5 Port 1, R-7 Port 1, R-7 Port 2	No data are included in this report for these locations.	The locations were not sampled on 07/20/09 because they were dry.	Locations will be sampled when sufficient water is present.
TW-2A	Limited data are included in this report for this location.	Limited analytical suite was collected on 07/21/2009 because of low water volume.	Sampling indeterminate. Well will be plugged and abandoned in 2010.

**Table 3.4-2
Los Alamos PME Analytical Chemical Deviations**

Analytical Suite Code	Analyte	PQL ^a	MDL ^b	Unit	Screening-Level Value	Screening Level
SVOA	Azobenzene	12.5	2.5	µg/L	1.2	EPA Tap
SVOA	Benzidine	11.1	2.2	µg/L	0.00094	EPA Tap
SVOA	Benzo(a)pyrene	1.25	0.25	µg/L	0.2	EPA MCL
SVOA	Bis(2-chloroethyl)ether	12.5	2.5	µg/L	0.12	EPA Tap
SVOA	Dibenz(a,h)anthracene	1.11	0.22	µg/L	0.029	EPA Tap
SVOA	Dinitro-2-methylphenol[4,6-]	12.5	3.8	µg/L	3.7	EPA Tap
SVOA	Dinitrotoluene[2,4-]	12.5	2.5	µg/L	2.2	EPA Tap
SVOA	Hexachlorobenzene	12.5	2.5	µg/L	1	EPA MCL
SVOA	Nitrobenzene	12.5	3.8	µg/L	1.2	EPA Tap
SVOA	Nitrosodiethylamine[N-]	12.5	2.5	µg/L	0.0014	EPA Tap
SVOA	Nitrosodimethylamine[N-]	12.5	2.5	µg/L	0.0042	EPA Tap
SVOA	Nitroso-di-n-butylamine[N-]	12.5	2.5	µg/L	0.024	EPA Tap
SVOA	Nitroso-di-n-propylamine[N-]	12.5	2.5	µg/L	0.096	EPA Tap
SVOA	Nitrosopyrrolidine[N-]	12.5	2.5	µg/L	0.32	EPA Tap
SVOA	Pentachlorophenol	12.5	2.5	µg/L	1	EPA MCL
VOA	Acrolein	5	1.3	µg/L	0.042	EPA Tap
VOA	Acrylonitrile	5	1	µg/L	0.45	EPA Tap
VOA	Dibromo-3-chloropropane[1,2-]	1	0.5	µg/L	0.2	EPA MCL
VOA	Dibromoethane[1,2-]	1	0.25	µg/L	0.05	EPA MCL
VOA	Methacrylonitrile	5	1	µg/L	1	EPA Tap
VOA	Trichloropropane[1,2,3-]	1	0.3	µg/L	0.096	EPA Tap
RAD	Neptunium-237	n/a ^c	40	pCi/L	30	DOE DCG

^a PQL = Practical quantitation limit.

^b MDL = Method detection limit.

^c n/a = Not applicable.

**Table 4.2-1
Screening Levels for Groundwater and Surface Water at Los Alamos National Laboratory**

Standard Type	Groundwater	Surface Water
DOE BCG	n/a ^a	X ^b
DOE 100 mrem Public Dose DCGs	X	n/a
DOE 4 mrem Drinking Water DCGs	X	n/a
EPA MCL	X	n/a
EPA Regional Screening Levels for Tap Water	X	n/a
New Mexico Environmental Improvement Board Radiation Protection Standards	X	X
NMWQCC Groundwater Standard	X	n/a
NMWQCC Irrigation Standard	n/a	X
NMWQCC Livestock Watering Standard	n/a	X
NMWQCC Wildlife Habitat Standard	n/a	X
NMWQCC Aquatic Life Standards Acute	n/a	X
NMWQCC Aquatic Life Standards Chronic	n/a	X
NMWQCC Human Health Standard	n/a	X

^a n/a = Not applicable.

^b x = Standard applied to data screen for this report.

**Table 4.2-2
Results above Screening Levels for Groundwater and Surface Water**

Location	Date	Analyte	Field Preparation Code	Result	Units	Screening-Level Value	Screening-Level Source
Surface Water							
DP below Meadow at TA-21	07/14/09	Total hexaCB	UF ^a	0.000706	µg/L	0.0006	NM Human Health Std
Pueblo above Acid	07/09/09	Total PCB	UF	0.00177	µg/L	0.0006	NM Human Health Std
Pueblo above Acid	07/09/09	Total hexaCB	UF	0.000653	µg/L	0.0006	NM Human Health Std
Acid above Pueblo	07/09/09	PCB-110	UF	0.00118	µg/L	0.0006	NM Human Health Std
Acid above Pueblo	07/09/09	PCB-132/161	UF	0.000649	µg/L	0.0006	NM Human Health Std
Acid above Pueblo	07/09/09	PCB-138/163/164	UF	0.00214	µg/L	0.0006	NM Human Health Std
Acid above Pueblo	07/09/09	PCB-139/149	UF	0.00141	µg/L	0.0006	NM Human Health Std
Acid above Pueblo	07/09/09	PCB-153	UF	0.00177	µg/L	0.0006	NM Human Health Std
Acid above Pueblo	07/09/09	PCB-180	UF	0.000791	µg/L	0.0006	NM Human Health Std
Acid above Pueblo	07/09/09	PCB-90/101	UF	0.000708	µg/L	0.0006	NM Human Health Std
Acid above Pueblo	07/09/09	PCB-95/98/102	UF	0.000641	µg/L	0.0006	NM Human Health Std
Acid above Pueblo	07/09/09	Total PCB	UF	0.0173	µg/L	0.0006	NM Human Health Std
Acid above Pueblo	07/09/09	Total heptaCB	UF	0.00302	µg/L	0.0006	NM Human Health Std
Acid above Pueblo	07/09/09	Total hexaCB	UF	0.00899	µg/L	0.0006	NM Human Health Std
Acid above Pueblo	07/09/09	Total pentaCB	UF	0.00448	µg/L	0.0006	NM Human Health Std
Alluvial Groundwater							
DP Spring	07/21/09	GROSSB	UF	101	pCi/L	50	EPA SCRNLVL
LAUZ-1	07/17/09	GROSSB	UF	92.1	pCi/L	50	EPA SCRNLVL
DP Spring	07/21/09	Sr-90	UF	48.8	pCi/L	8	EPA PRIM DW STD
LAUZ-1	07/17/09	Sr-90	UF	49.2	pCi/L	8	EPA PRIM DW STD
LAO-2	07/15/09	Sr-90	UF	12.2	pCi/L	8	EPA PRIM DW STD
LAO-3a	07/15/09	Sr-90	UF	21.8	pCi/L	8	EPA PRIM DW STD
PAO-4	07/20/09	Fe	F ^b	5210	µg/L	1000	NM GW STD
PAO-4	07/20/09	Mn	F	1520	µg/L	200	NM GW STD

Table 4.2-2 (continued)

Location	Date	Analyte	Field Preparation Code	Result	Units	Screening-Level Value	Screening-Level Source
APCO-1	07/20/09	As	F	12	µg/L	10	EPA PRIM DW STD
APCO-1	07/20/09	Mn	F	957	µg/L	200	NM GW STD
LAUZ-1	07/17/09	Mn	F	1750	µg/L	200	NM GW STD
Intermediate Groundwater							
R-6i	07/14/09	ClO ₄	F	7	µg/L	4	Consent Order
LAOI-3.2	07/08/09	ClO ₄	F	4.45	µg/L	4	Consent Order
TW-2A	07/21/09	Cd	UF	8.18	µg/L	5	EPA PRIM DW STD
TW-2A	07/21/09	Fe	F	6090	µg/L	1000	NM GW STD
TW-2A	07/21/09	Mn	F	828	µg/L	200	NM GW STD
TW-2A	07/21/09	Pb	UF	321	µg/L	15	EPA PRIM DW STD
R-9i	07/08/09	Mn	F	244	µg/L	200	NM GW STD
R-6i	07/14/09	Benzo(a)pyrene	UF	2.12	µg/L	0.2	EPA PRIM DW STD
R-6i	07/14/09	Benzo(b)fluoranthene	UF	3.68	µg/L	0.29	EPA TAP SCRNLVL
R-6i	07/14/09	Indeno(1,2,3-cd)pyrene	UF	0.837	µg/L	0.29	EPA TAP SCRNLVL
TA-53i	05/21/09	Bis(2-ethylhexyl)phthalate	UF	16.3	µg/L	6	EPA PRIM DW STD
TA-53i	07/20/09	Bis(2-ethylhexyl)phthalate	UF	10.8	µg/L	6	EPA PRIM DW STD
Regional Groundwater							
R-4	07/16/09	ClO ₄	F	4.57	µg/L	4	Consent Order

^a UF = Unfiltered.

^b F = Filtered.

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Appendix A

Field Parameter Results

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Acid above Pueblo	—	—	07/09/09	WS	Dissolved Oxygen	10.61	mg/L	CAPU-09-11210
Acid above Pueblo	—	—	08/28/08	WS	Dissolved Oxygen	4.71	mg/L	CAPU-08-14550
Acid above Pueblo	—	—	01/15/08	WS	Dissolved Oxygen	7.8	mg/L	CAPU-08-9845
Acid above Pueblo	—	—	07/25/07	WP	Dissolved Oxygen	6.86	mg/L	FU070700P05601
Acid above Pueblo	—	—	04/18/07	WS	Dissolved Oxygen	5.5	mg/L	FU070400P05601
Acid above Pueblo	—	—	07/09/09	WS	pH	6.65	SU	CAPU-09-11210
Acid above Pueblo	—	—	08/28/08	WS	pH	6.53	SU	CAPU-08-14550
Acid above Pueblo	—	—	01/28/08	WM	pH	6.88	SU	FU080100M05601
Acid above Pueblo	—	—	01/15/08	WS	pH	7	SU	CAPU-08-9845
Acid above Pueblo	—	—	07/25/07	WP	pH	6.47	SU	FU070700P05601
Acid above Pueblo	—	—	07/09/09	WS	Specific Conductance	241	µS/cm	CAPU-09-11210
Acid above Pueblo	—	—	08/28/08	WS	Specific Conductance	273	µS/cm	CAPU-08-14550
Acid above Pueblo	—	—	01/15/08	WS	Specific Conductance	403	µS/cm	CAPU-08-9845
Acid above Pueblo	—	—	07/25/07	WP	Specific Conductance	404	µS/cm	FU070700P05601
Acid above Pueblo	—	—	04/18/07	WS	Specific Conductance	879	µS/cm	FU070400P05601
Acid above Pueblo	—	—	07/09/09	WS	Temperature	10.23	deg C	CAPU-09-11210
Acid above Pueblo	—	—	08/28/08	WS	Temperature	12.5	deg C	CAPU-08-14550
Acid above Pueblo	—	—	01/15/08	WS	Temperature	5	deg C	CAPU-08-9845
Acid above Pueblo	—	—	07/25/07	WP	Temperature	12.5	deg C	FU070700P05601
Acid above Pueblo	—	—	04/18/07	WS	Temperature	8.3	deg C	FU070400P05601
Acid above Pueblo	—	—	07/09/09	WS	Turbidity	41.2	NTU	CAPU-09-11210
Acid above Pueblo	—	—	08/28/08	WS	Turbidity	46.2	NTU	CAPU-08-14550
Acid above Pueblo	—	—	01/15/08	WS	Turbidity	4.32	NTU	CAPU-08-9845
Acid above Pueblo	—	—	07/25/07	WP	Turbidity	12.1	NTU	FU070700P05601
Acid above Pueblo	—	—	04/18/07	WS	Turbidity	1.06	NTU	FU070400P05601
APCO-1	5211	4.7	07/20/09	WG	Dissolved Oxygen	1.28	mg/L	CAPU-09-11228
APCO-1	5211	4.7	01/09/09	WG	Dissolved Oxygen	1.13	mg/L	CAPU-09-1777
APCO-1	5211	4.7	01/16/08	WG	Dissolved Oxygen	1.21	mg/L	CAPU-08-9774

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
APCO-1	5211	4.7	08/01/07	WG	Dissolved Oxygen	0.3	mg/L	FU070700G1PA01
APCO-1	5211	4.7	04/25/07	WG	Dissolved Oxygen	1.02	mg/L	FU070400G1PA01
APCO-1	5211	4.7	07/20/09	WG	Oxidation Reduction Potential	-8.7	mV	CAPU-09-11228
APCO-1	5211	4.7	01/09/09	WG	Oxidation Reduction Potential	342	mV	CAPU-09-1777
APCO-1	5211	4.7	01/16/08	WG	Oxidation Reduction Potential	341	mV	CAPU-08-9774
APCO-1	5211	4.7	08/01/07	WG	Oxidation Reduction Potential	84	mV	FU070700G1PA01
APCO-1	5211	4.7	04/25/07	WG	Oxidation Reduction Potential	119	mV	FU070400G1PA01
APCO-1	5211	4.7	07/20/09	WG	pH	6.42	SU	CAPU-09-11228
APCO-1	5211	4.7	01/09/09	WG	pH	6.88	SU	CAPU-09-1777
APCO-1	5211	4.7	01/16/08	WG	pH	6.73	SU	CAPU-08-9774
APCO-1	5211	4.7	08/01/07	WG	pH	6.45	SU	FU070700G1PA01
APCO-1	5211	4.7	07/20/09	WG	Specific Conductance	438	µS/cm	CAPU-09-11228
APCO-1	5211	4.7	01/09/09	WG	Specific Conductance	248	µS/cm	CAPU-09-1777
APCO-1	5211	4.7	01/16/08	WG	Specific Conductance	502	µS/cm	CAPU-08-9774
APCO-1	5211	4.7	08/01/07	WG	Specific Conductance	562	µS/cm	FU070700G1PA01
APCO-1	5211	4.7	07/20/09	WG	Temperature	14.21	deg C	CAPU-09-11228
APCO-1	5211	4.7	01/09/09	WG	Temperature	4.58	deg C	CAPU-09-1777
APCO-1	5211	4.7	01/16/08	WG	Temperature	3.9	deg C	CAPU-08-9774
APCO-1	5211	4.7	08/01/07	WG	Temperature	17.3	deg C	FU070700G1PA01
APCO-1	5211	4.7	04/25/07	WG	Temperature	7.9	deg C	FU070400G1PA01
APCO-1	5211	4.7	07/20/09	WG	Turbidity	3.28	NTU	CAPU-09-11228
APCO-1	5211	4.7	01/09/09	WG	Turbidity	4.51	NTU	CAPU-09-1777
APCO-1	5211	4.7	01/16/08	WG	Turbidity	4.06	NTU	CAPU-08-9774
APCO-1	5211	4.7	08/01/07	WG	Turbidity	3.55	NTU	FU070700G1PA01
APCO-1	5211	4.7	04/25/07	WG	Turbidity	1.07	NTU	FU070400G1PA01
Basalt Spring	—	—	07/09/09	WG	Dissolved Oxygen	7.35	mg/L	CALA-09-11188
Basalt Spring	—	—	01/13/09	WG	Dissolved Oxygen	8.22	mg/L	CALA-09-1697
Basalt Spring	—	—	08/25/08	WG	Dissolved Oxygen	8.05	mg/L	CALA-08-13921

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Basalt Spring	—	—	01/25/08	WG	Dissolved Oxygen	3.6	mg/L	CALA-08-9808
Basalt Spring	—	—	04/26/07	WG	Dissolved Oxygen	0.79	mg/L	FU070400GGSB01
Basalt Spring	—	—	07/09/09	WG	pH	6.91	SU	CALA-09-11188
Basalt Spring	—	—	01/13/09	WG	pH	7.31	SU	CALA-09-1697
Basalt Spring	—	—	08/25/08	WG	pH	6.96	SU	CALA-08-13921
Basalt Spring	—	—	01/25/08	WG	pH	6.82	SU	CALA-08-9808
Basalt Spring	—	—	04/26/07	WG	pH	6.7	SU	FU070400GGSB01
Basalt Spring	—	—	07/09/09	WG	Specific Conductance	284	µS/cm	CALA-09-11188
Basalt Spring	—	—	01/13/09	WG	Specific Conductance	215	µS/cm	CALA-09-1697
Basalt Spring	—	—	08/25/08	WG	Specific Conductance	334	µS/cm	CALA-08-13921
Basalt Spring	—	—	01/25/08	WG	Specific Conductance	448	µS/cm	CALA-08-9808
Basalt Spring	—	—	04/26/07	WG	Specific Conductance	359	µS/cm	FU070400GGSB01
Basalt Spring	—	—	07/09/09	WG	Temperature	12	deg C	CALA-09-11188
Basalt Spring	—	—	01/13/09	WG	Temperature	10.2	deg C	CALA-09-1697
Basalt Spring	—	—	08/25/08	WG	Temperature	11.8	deg C	CALA-08-13921
Basalt Spring	—	—	01/25/08	WG	Temperature	10.3	deg C	CALA-08-9808
Basalt Spring	—	—	04/26/07	WG	Temperature	9	deg C	FU070400GGSB01
Basalt Spring	—	—	07/09/09	WG	Turbidity	1.21	NTU	CALA-09-11188
Basalt Spring	—	—	01/13/09	WG	Turbidity	0.52	NTU	CALA-09-1697
Basalt Spring	—	—	08/25/08	WG	Turbidity	0.71	NTU	CALA-08-13921
Basalt Spring	—	—	01/25/08	WG	Turbidity	0.72	NTU	CALA-08-9808
Basalt Spring	—	—	04/26/07	WG	Turbidity	0.54	NTU	FU070400GGSB01
DP below Meadow at TA-21	—	—	07/14/09	WS	Dissolved Oxygen	4.72	mg/L	CALA-09-11069
DP below Meadow at TA-21	—	—	01/21/09	WS	Dissolved Oxygen	10.52	mg/L	CALA-09-1688
DP below Meadow at TA-21	—	—	08/28/08	WS	Dissolved Oxygen	3.68	mg/L	CALA-08-13800
DP below Meadow at TA-21	—	—	01/18/08	WS	Dissolved Oxygen	3.6	mg/L	CALA-08-9841
DP below Meadow at TA-21	—	—	07/25/07	WS	Dissolved Oxygen	2.58	mg/L	FU070700P03901
DP below Meadow at TA-21	—	—	07/14/09	WS	Oxidation Reduction Potential	303.2	mV	CALA-09-11069

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
DP below Meadow at TA-21	—	—	01/18/08	WS	Oxidation Reduction Potential	141	mV	CALA-08-9841
DP below Meadow at TA-21	—	—	07/14/09	WS	pH	7.29	SU	CALA-09-11069
DP below Meadow at TA-21	—	—	01/21/09	WS	pH	7.05	SU	CALA-09-1688
DP below Meadow at TA-21	—	—	08/28/08	WS	pH	7.1	SU	CALA-08-13800
DP below Meadow at TA-21	—	—	01/18/08	WS	pH	7.14	SU	CALA-08-9841
DP below Meadow at TA-21	—	—	07/25/07	WS	pH	6.89	SU	FU070700P03901
DP below Meadow at TA-21	—	—	07/14/09	WS	Specific Conductance	1065	µS/cm	CALA-09-11069
DP below Meadow at TA-21	—	—	01/21/09	WS	Specific Conductance	739	µS/cm	CALA-09-1688
DP below Meadow at TA-21	—	—	08/28/08	WS	Specific Conductance	1083	µS/cm	CALA-08-13800
DP below Meadow at TA-21	—	—	01/18/08	WS	Specific Conductance	1276	µS/cm	CALA-08-9841
DP below Meadow at TA-21	—	—	07/25/07	WS	Specific Conductance	1218	µS/cm	FU070700P03901
DP below Meadow at TA-21	—	—	07/14/09	WS	Temperature	21.53	deg C	CALA-09-11069
DP below Meadow at TA-21	—	—	01/21/09	WS	Temperature	1.46	deg C	CALA-09-1688
DP below Meadow at TA-21	—	—	08/28/08	WS	Temperature	20.9	deg C	CALA-08-13800
DP below Meadow at TA-21	—	—	01/18/08	WS	Temperature	1.4	deg C	CALA-08-9841
DP below Meadow at TA-21	—	—	07/25/07	WS	Temperature	26.3	deg C	FU070700P03901
DP below Meadow at TA-21	—	—	07/14/09	WS	Turbidity	1.27	NTU	CALA-09-11069
DP below Meadow at TA-21	—	—	01/21/09	WS	Turbidity	0.69	NTU	CALA-09-1688
DP below Meadow at TA-21	—	—	08/28/08	WS	Turbidity	6.2	NTU	CALA-08-13800
DP below Meadow at TA-21	—	—	01/18/08	WS	Turbidity	4.26	NTU	CALA-08-9841
DP below Meadow at TA-21	—	—	07/25/07	WS	Turbidity	1.29	NTU	FU070700P03901
DP Spring	—	—	07/21/09	WG	Dissolved Oxygen	10.43	mg/L	CALA-09-11085
DP Spring	—	—	09/03/08	WG	Dissolved Oxygen	7.7	mg/L	CALA-08-13813
DP Spring	—	—	01/18/08	WG	Dissolved Oxygen	8.7	mg/L	CALA-08-9811
DP Spring	—	—	07/23/07	WG	Dissolved Oxygen	4.69	mg/L	FU070700GSPD01
DP Spring	—	—	04/18/07	WG	Dissolved Oxygen	8.6	mg/L	FU070400GSPD01
DP Spring	—	—	07/21/09	WG	pH	8.15	SU	CALA-09-11085
DP Spring	—	—	09/03/08	WG	pH	6.59	SU	CALA-08-13813

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
DP Spring	—	—	01/18/08	WG	pH	8.15	SU	CALA-08-9811
DP Spring	—	—	07/23/07	WG	pH	8.4	SU	FU070700GSPD01
DP Spring	—	—	04/18/07	WG	pH	7.45	SU	FU070400GSPD01
DP Spring	—	—	07/21/09	WG	Specific Conductance	462	µS/cm	CALA-09-11085
DP Spring	—	—	09/03/08	WG	Specific Conductance	438	µS/cm	CALA-08-13813
DP Spring	—	—	01/18/08	WG	Specific Conductance	505	µS/cm	CALA-08-9811
DP Spring	—	—	07/23/07	WG	Specific Conductance	548	µS/cm	FU070700GSPD01
DP Spring	—	—	04/18/07	WG	Specific Conductance	741	µS/cm	FU070400GSPD01
DP Spring	—	—	07/21/09	WG	Temperature	13.3	deg C	CALA-09-11085
DP Spring	—	—	09/03/08	WG	Temperature	10.8	deg C	CALA-08-13813
DP Spring	—	—	01/18/08	WG	Temperature	6.3	deg C	CALA-08-9811
DP Spring	—	—	07/23/07	WG	Temperature	21.4	deg C	FU070700GSPD01
DP Spring	—	—	04/18/07	WG	Temperature	10.4	deg C	FU070400GSPD01
DP Spring	—	—	07/21/09	WG	Turbidity	8.51	NTU	CALA-09-11085
DP Spring	—	—	09/03/08	WG	Turbidity	9.53	NTU	CALA-08-13813
DP Spring	—	—	01/18/08	WG	Turbidity	7.61	NTU	CALA-08-9811
DP Spring	—	—	07/23/07	WG	Turbidity	7.83	NTU	FU070700GSPD01
DP Spring	—	—	04/18/07	WG	Turbidity	2.01	NTU	FU070400GSPD01
LADP-3	5411	316	07/15/09	WG	Dissolved Oxygen	8.26	mg/L	CALA-09-11129
LADP-3	5411	316	01/09/09	WG	Dissolved Oxygen	8.02	mg/L	CALA-09-1747
LADP-3	5411	316	01/24/08	WG	Dissolved Oxygen	1.68	mg/L	CALA-08-10317
LADP-3	5411	316	04/26/07	WG	Dissolved Oxygen	0.51	mg/L	FU070400G3PD01
LADP-3	5411	316	07/15/09	WG	Oxidation Reduction Potential	260.9	mV	CALA-09-11129
LADP-3	5411	316	01/09/09	WG	Oxidation Reduction Potential	332.5	mV	CALA-09-1747
LADP-3	5411	316	01/24/08	WG	Oxidation Reduction Potential	418	mV	CALA-08-10317
LADP-3	5411	316	04/26/07	WG	Oxidation Reduction Potential	281	mV	FU070400G3PD01
LADP-3	5411	316	07/15/09	WG	pH	6.64	SU	CALA-09-11129
LADP-3	5411	316	01/09/09	WG	pH	6.68	SU	CALA-09-1747

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LADP-3	5411	316	01/24/08	WG	pH	8.32	SU	CALA-08-10317
LADP-3	5411	316	04/26/07	WG	pH	8.14	SU	FU070400G3PD01
LADP-3	5411	316	07/15/09	WG	Specific Conductance	193	µS/cm	CALA-09-11129
LADP-3	5411	316	01/09/09	WG	Specific Conductance	158	µS/cm	CALA-09-1747
LADP-3	5411	316	01/24/08	WG	Specific Conductance	270	µS/cm	CALA-08-10317
LADP-3	5411	316	04/26/07	WG	Specific Conductance	256	µS/cm	FU070400G3PD01
LADP-3	5411	316	07/15/09	WG	Temperature	11.95	deg C	CALA-09-11129
LADP-3	5411	316	01/09/09	WG	Temperature	9.57	deg C	CALA-09-1747
LADP-3	5411	316	01/24/08	WG	Temperature	9.1	deg C	CALA-08-10317
LADP-3	5411	316	04/26/07	WG	Temperature	12.8	deg C	FU070400G3PD01
LADP-3	5411	316	07/15/09	WG	Turbidity	0.97	NTU	CALA-09-11129
LADP-3	5411	316	01/09/09	WG	Turbidity	1.51	NTU	CALA-09-1747
LADP-3	5411	316	01/24/08	WG	Turbidity	0.28	NTU	CALA-08-10317
LADP-3	5411	316	04/26/07	WG	Turbidity	2	NTU	FU070400G3PD01
LAO-0.3	5511	5.9	07/13/09	WG	Dissolved Oxygen	2.78	mg/L	CALA-09-11087
LAO-0.3	5511	5.9	09/02/08	WG	Dissolved Oxygen	1.19	mg/L	CALA-08-13845
LAO-0.3	5511	5.9	01/10/08	WG	Dissolved Oxygen	4.31	mg/L	CALA-08-9739
LAO-0.3	5511	5.9	07/17/07	WG	Dissolved Oxygen	1.65	mg/L	FU07070GLA0301
LAO-0.3	5511	5.9	04/13/07	WG	Dissolved Oxygen	2.8	mg/L	FU07040GLA0301
LAO-0.3	5511	5.9	07/13/09	WG	Oxidation Reduction Potential	160.3	mV	CALA-09-11087
LAO-0.3	5511	5.9	09/02/08	WG	Oxidation Reduction Potential	293	mV	CALA-08-13845
LAO-0.3	5511	5.9	01/10/08	WG	Oxidation Reduction Potential	327	mV	CALA-08-9739
LAO-0.3	5511	5.9	07/17/07	WG	Oxidation Reduction Potential	358	mV	FU07070GLA0301
LAO-0.3	5511	5.9	04/13/07	WG	Oxidation Reduction Potential	255	mV	FU07040GLA0301
LAO-0.3	5511	5.9	07/13/09	WG	pH	6.35	SU	CALA-09-11087
LAO-0.3	5511	5.9	09/02/08	WG	pH	6.34	SU	CALA-08-13845
LAO-0.3	5511	5.9	01/10/08	WG	pH	6.98	SU	CALA-08-9739
LAO-0.3	5511	5.9	07/17/07	WG	pH	6.68	SU	FU07070GLA0301

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAO-0.3	5511	5.9	04/13/07	WG	pH	7.04	SU	FU07040GLA0301
LAO-0.3	5511	5.9	07/13/09	WG	Specific Conductance	363	µS/cm	CALA-09-11087
LAO-0.3	5511	5.9	09/02/08	WG	Specific Conductance	2370	µS/cm	CALA-08-13845
LAO-0.3	5511	5.9	01/10/08	WG	Specific Conductance	307	µS/cm	CALA-08-9739
LAO-0.3	5511	5.9	07/17/07	WG	Specific Conductance	338	µS/cm	FU07070GLA0301
LAO-0.3	5511	5.9	04/13/07	WG	Specific Conductance	7.34	µS/cm	FU07040GLA0301
LAO-0.3	5511	5.9	07/13/09	WG	Temperature	14.11	deg C	CALA-09-11087
LAO-0.3	5511	5.9	09/02/08	WG	Temperature	14.4	deg C	CALA-08-13845
LAO-0.3	5511	5.9	01/10/08	WG	Temperature	5.4	deg C	CALA-08-9739
LAO-0.3	5511	5.9	07/17/07	WG	Temperature	14.1	deg C	FU07070GLA0301
LAO-0.3	5511	5.9	04/13/07	WG	Temperature	4.9	deg C	FU07040GLA0301
LAO-0.3	5511	5.9	07/13/09	WG	Turbidity	3	NTU	CALA-09-11087
LAO-0.3	5511	5.9	09/02/08	WG	Turbidity	3.36	NTU	CALA-08-13845
LAO-0.3	5511	5.9	01/10/08	WG	Turbidity	6.08	NTU	CALA-08-9739
LAO-0.3	5511	5.9	07/17/07	WG	Turbidity	5.86	NTU	FU07070GLA0301
LAO-0.3	5511	5.9	04/13/07	WG	Turbidity	28	NTU	FU07040GLA0301
LAO-0.6	6701	8	07/13/09	WG	Dissolved Oxygen	2.22	mg/L	CALA-09-11107
LAO-0.6	6701	8	08/29/08	WG	Dissolved Oxygen	0.35	mg/L	CALA-08-13821
LAO-0.6	6701	8	01/10/08	WG	Dissolved Oxygen	1.94	mg/L	CALA-08-9735
LAO-0.6	6701	8	07/17/07	WG	Dissolved Oxygen	0.72	mg/L	FU07070GLA0601
LAO-0.6	6701	8	04/10/07	WG	Dissolved Oxygen	2.23	mg/L	FU07040GLA0601
LAO-0.6	6701	8	07/13/09	WG	Oxidation Reduction Potential	-10.5	mV	CALA-09-11107
LAO-0.6	6701	8	08/29/08	WG	Oxidation Reduction Potential	102	mV	CALA-08-13821
LAO-0.6	6701	8	01/10/08	WG	Oxidation Reduction Potential	335	mV	CALA-08-9735
LAO-0.6	6701	8	07/17/07	WG	Oxidation Reduction Potential	323	mV	FU07070GLA0601
LAO-0.6	6701	8	04/10/07	WG	Oxidation Reduction Potential	393	mV	FU07040GLA0601
LAO-0.6	6701	8	07/13/09	WG	pH	6.7	SU	CALA-09-11107
LAO-0.6	6701	8	08/29/08	WG	pH	6.63	SU	CALA-08-13821

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAO-0.6	6701	8	01/10/08	WG	pH	7.08	SU	CALA-08-9735
LAO-0.6	6701	8	07/17/07	WG	pH	6.83	SU	FU07070GLA0601
LAO-0.6	6701	8	04/10/07	WG	pH	6.82	SU	FU07040GLA0601
LAO-0.6	6701	8	07/13/09	WG	Specific Conductance	351	µS/cm	CALA-09-11107
LAO-0.6	6701	8	08/29/08	WG	Specific Conductance	402	µS/cm	CALA-08-13821
LAO-0.6	6701	8	01/10/08	WG	Specific Conductance	320	µS/cm	CALA-08-9735
LAO-0.6	6701	8	07/17/07	WG	Specific Conductance	406	µS/cm	FU07070GLA0601
LAO-0.6	6701	8	04/10/07	WG	Specific Conductance	432	µS/cm	FU07040GLA0601
LAO-0.6	6701	8	07/13/09	WG	Temperature	11.67	deg C	CALA-09-11107
LAO-0.6	6701	8	08/29/08	WG	Temperature	15.1	deg C	CALA-08-13821
LAO-0.6	6701	8	01/10/08	WG	Temperature	8.2	deg C	CALA-08-9735
LAO-0.6	6701	8	07/17/07	WG	Temperature	13.6	deg C	FU07070GLA0601
LAO-0.6	6701	8	04/10/07	WG	Temperature	6.8	deg C	FU07040GLA0601
LAO-0.6	6701	8	07/13/09	WG	Turbidity	1.19	NTU	CALA-09-11107
LAO-0.6	6701	8	08/29/08	WG	Turbidity	1.89	NTU	CALA-08-13821
LAO-0.6	6701	8	01/10/08	WG	Turbidity	4.9	NTU	CALA-08-9735
LAO-0.6	6701	8	07/17/07	WG	Turbidity	1.7	NTU	FU07070GLA0601
LAO-0.6	6701	8	04/10/07	WG	Turbidity	3.17	NTU	FU07040GLA0601
LAO-1	4381	8	07/16/09	WG	Dissolved Oxygen	7.11	mg/L	CALA-09-11111
LAO-1	4381	8	09/02/08	WG	Dissolved Oxygen	7.77	mg/L	CALA-08-13823
LAO-1	4381	8	01/16/08	WG	Dissolved Oxygen	7.98	mg/L	CALA-08-9755
LAO-1	4381	8	08/01/07	WG	Dissolved Oxygen	5.62	mg/L	FU070700G1OL01
LAO-1	4381	8	04/11/07	WG	Dissolved Oxygen	6.51	mg/L	FU070400G1OL01
LAO-1	4381	8	07/16/09	WG	Oxidation Reduction Potential	190.2	mV	CALA-09-11111
LAO-1	4381	8	09/02/08	WG	Oxidation Reduction Potential	333	mV	CALA-08-13823
LAO-1	4381	8	01/16/08	WG	Oxidation Reduction Potential	305	mV	CALA-08-9755
LAO-1	4381	8	08/01/07	WG	Oxidation Reduction Potential	334	mV	FU070700G1OL01
LAO-1	4381	8	04/11/07	WG	Oxidation Reduction Potential	419	mV	FU070400G1OL01

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAO-1	4381	8	07/16/09	WG	pH	6.43	SU	CALA-09-11111
LAO-1	4381	8	09/02/08	WG	pH	6.65	SU	CALA-08-13823
LAO-1	4381	8	01/16/08	WG	pH	6.67	SU	CALA-08-9755
LAO-1	4381	8	08/01/07	WG	pH	6.63	SU	FU070700G1OL01
LAO-1	4381	8	04/11/07	WG	pH	6.75	SU	FU070400G1OL01
LAO-1	4381	8	07/16/09	WG	Specific Conductance	332	µS/cm	CALA-09-11111
LAO-1	4381	8	09/02/08	WG	Specific Conductance	1906	µS/cm	CALA-08-13823
LAO-1	4381	8	01/16/08	WG	Specific Conductance	364	µS/cm	CALA-08-9755
LAO-1	4381	8	08/01/07	WG	Specific Conductance	351	µS/cm	FU070700G1OL01
LAO-1	4381	8	04/11/07	WG	Specific Conductance	393	µS/cm	FU070400G1OL01
LAO-1	4381	8	07/16/09	WG	Temperature	10.16	deg C	CALA-09-11111
LAO-1	4381	8	09/02/08	WG	Temperature	11.1	deg C	CALA-08-13823
LAO-1	4381	8	01/16/08	WG	Temperature	606	deg C	CALA-08-9755
LAO-1	4381	8	08/01/07	WG	Temperature	12	deg C	FU070700G1OL01
LAO-1	4381	8	04/11/07	WG	Temperature	9.4	deg C	FU070400G1OL01
LAO-1	4381	8	07/16/09	WG	Turbidity	1.49	NTU	CALA-09-11111
LAO-1	4381	8	09/02/08	WG	Turbidity	8.88	NTU	CALA-08-13823
LAO-1	4381	8	01/16/08	WG	Turbidity	3.64	NTU	CALA-08-9755
LAO-1	4381	8	08/01/07	WG	Turbidity	3.65	NTU	FU070700G1OL01
LAO-1	4381	8	04/11/07	WG	Turbidity	1.52	NTU	FU070400G1OL01
LAO-1.6g	5551	10.47	07/16/09	WG	Dissolved Oxygen	10.81	mg/L	CALA-09-11114
LAO-1.6g	5551	10.47	08/27/08	WG	Dissolved Oxygen	7.5	mg/L	CALA-08-13825
LAO-1.6g	5551	10.47	01/14/08	WG	Dissolved Oxygen	6.27	mg/L	CALA-08-9760
LAO-1.6g	5551	10.47	04/10/07	WG	Dissolved Oxygen	11.93	mg/L	FU070400G16G01
LAO-1.6g	5551	10.47	08/01/06	WG	Dissolved Oxygen	6.22	mg/L	FU060700G16G01
LAO-1.6g	5551	10.47	07/16/09	WG	Oxidation Reduction Potential	304.9	mV	CALA-09-11114
LAO-1.6g	5551	10.47	08/27/08	WG	Oxidation Reduction Potential	204	mV	CALA-08-13825
LAO-1.6g	5551	10.47	01/14/08	WG	Oxidation Reduction Potential	402	mV	CALA-08-9760

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAO-1.6g	5551	10.47	04/10/07	WG	Oxidation Reduction Potential	487	mV	FU070400G16G01
LAO-1.6g	5551	10.47	08/01/06	WG	Oxidation Reduction Potential	258.8	mV	FU060700G16G01
LAO-1.6g	5551	10.47	07/16/09	WG	pH	6.27	SU	CALA-09-11114
LAO-1.6g	5551	10.47	08/27/08	WG	pH	6.57	SU	CALA-08-13825
LAO-1.6g	5551	10.47	01/14/08	WG	pH	6.75	SU	CALA-08-9760
LAO-1.6g	5551	10.47	04/10/07	WG	pH	6.6	SU	FU070400G16G01
LAO-1.6g	5551	10.47	07/16/09	WG	Specific Conductance	307	µS/cm	CALA-09-11114
LAO-1.6g	5551	10.47	08/27/08	WG	Specific Conductance	301	µS/cm	CALA-08-13825
LAO-1.6g	5551	10.47	01/14/08	WG	Specific Conductance	302	µS/cm	CALA-08-9760
LAO-1.6g	5551	10.47	04/10/07	WG	Specific Conductance	424	µS/cm	FU070400G16G01
LAO-1.6g	5551	10.47	07/16/09	WG	Temperature	9.62	deg C	CALA-09-11114
LAO-1.6g	5551	10.47	08/27/08	WG	Temperature	9.7	deg C	CALA-08-13825
LAO-1.6g	5551	10.47	01/14/08	WG	Temperature	9.4	deg C	CALA-08-9760
LAO-1.6g	5551	10.47	04/10/07	WG	Temperature	9.2	deg C	FU070400G16G01
LAO-1.6g	5551	10.47	08/01/06	WG	Temperature	11	deg C	FU060700G16G01
LAO-1.6g	5551	10.47	07/16/09	WG	Turbidity	1.18	NTU	CALA-09-11114
LAO-1.6g	5551	10.47	08/27/08	WG	Turbidity	2.91	NTU	CALA-08-13825
LAO-1.6g	5551	10.47	01/14/08	WG	Turbidity	4.41	NTU	CALA-08-9760
LAO-1.6g	5551	10.47	04/10/07	WG	Turbidity	1.11	NTU	FU070400G16G01
LAO-1.6g	5551	10.47	08/01/06	WG	Turbidity	1.57	NTU	FU060700G16G01
LAO-2	4391	7	07/15/09	WG	Dissolved Oxygen	11.51	mg/L	CALA-09-11121
LAO-2	4391	7	08/28/08	WG	Dissolved Oxygen	7.22	mg/L	CALA-08-13840
LAO-2	4391	7	01/15/08	WG	Dissolved Oxygen	5.39	mg/L	CALA-08-9737
LAO-2	4391	7	07/23/07	WG	Dissolved Oxygen	5.01	mg/L	FU070700G2OL01
LAO-2	4391	7	04/18/07	WG	Dissolved Oxygen	6.01	mg/L	FU070400G2OL01
LAO-2	4391	7	07/15/09	WG	Oxidation Reduction Potential	139.2	mV	CALA-09-11121
LAO-2	4391	7	08/28/08	WG	Oxidation Reduction Potential	246	mV	CALA-08-13840
LAO-2	4391	7	01/15/08	WG	Oxidation Reduction Potential	295	mV	CALA-08-9737

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAO-2	4391	7	07/23/07	WG	Oxidation Reduction Potential	396	mV	FU070700G2OL01
LAO-2	4391	7	04/18/07	WG	Oxidation Reduction Potential	256	mV	FU070400G2OL01
LAO-2	4391	7	07/15/09	WG	pH	6.61	SU	CALA-09-11121
LAO-2	4391	7	08/28/08	WG	pH	6.65	SU	CALA-08-13840
LAO-2	4391	7	01/15/08	WG	pH	6.67	SU	CALA-08-9737
LAO-2	4391	7	07/23/07	WG	pH	6.79	SU	FU070700G2OL01
LAO-2	4391	7	04/18/07	WG	pH	6.67	SU	FU070400G2OL01
LAO-2	4391	7	07/15/09	WG	Specific Conductance	350	µS/cm	CALA-09-11121
LAO-2	4391	7	08/28/08	WG	Specific Conductance	380	µS/cm	CALA-08-13840
LAO-2	4391	7	01/15/08	WG	Specific Conductance	457	µS/cm	CALA-08-9737
LAO-2	4391	7	07/23/07	WG	Specific Conductance	212	µS/cm	FU070700G2OL01
LAO-2	4391	7	04/18/07	WG	Specific Conductance	494	µS/cm	FU070400G2OL01
LAO-2	4391	7	07/15/09	WG	Temperature	11.44	deg C	CALA-09-11121
LAO-2	4391	7	08/28/08	WG	Temperature	13	deg C	CALA-08-13840
LAO-2	4391	7	01/15/08	WG	Temperature	11.3	deg C	CALA-08-9737
LAO-2	4391	7	07/23/07	WG	Temperature	13.2	deg C	FU070700G2OL01
LAO-2	4391	7	04/18/07	WG	Temperature	11	deg C	FU070400G2OL01
LAO-2	4391	7	07/15/09	WG	Turbidity	6.96	NTU	CALA-09-11121
LAO-2	4391	7	08/28/08	WG	Turbidity	8.51	NTU	CALA-08-13840
LAO-2	4391	7	01/15/08	WG	Turbidity	4.87	NTU	CALA-08-9737
LAO-2	4391	7	07/23/07	WG	Turbidity	2.05	NTU	FU070700G2OL01
LAO-2	4391	7	04/18/07	WG	Turbidity	1.96	NTU	FU070400G2OL01
LAO-3a	4401	4.7	07/15/09	WG	Dissolved Oxygen	7.57	mg/L	CALA-09-11091
LAO-3a	4401	4.7	09/02/08	WG	Dissolved Oxygen	7.16	mg/L	CALA-08-13860
LAO-3a	4401	4.7	01/09/08	WG	Dissolved Oxygen	6.04	mg/L	CALA-08-9741
LAO-3a	4401	4.7	07/19/07	WG	Dissolved Oxygen	3.76	mg/L	FU070700GA3L01
LAO-3a	4401	4.7	04/12/07	WG	Dissolved Oxygen	7.6	mg/L	FU070400GA3L01
LAO-3a	4401	4.7	07/15/09	WG	Oxidation Reduction Potential	377.9	mV	CALA-09-11091

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAO-3a	4401	4.7	09/02/08	WG	Oxidation Reduction Potential	288	mV	CALA-08-13860
LAO-3a	4401	4.7	01/09/08	WG	Oxidation Reduction Potential	315	mV	CALA-08-9741
LAO-3a	4401	4.7	07/19/07	WG	Oxidation Reduction Potential	485	mV	FU070700GA3L01
LAO-3a	4401	4.7	04/12/07	WG	Oxidation Reduction Potential	325	mV	FU070400GA3L01
LAO-3a	4401	4.7	07/15/09	WG	pH	6.53	SU	CALA-09-11091
LAO-3a	4401	4.7	09/02/08	WG	pH	6.59	SU	CALA-08-13860
LAO-3a	4401	4.7	01/09/08	WG	pH	6.77	SU	CALA-08-9741
LAO-3a	4401	4.7	07/19/07	WG	pH	6.65	SU	FU070700GA3L01
LAO-3a	4401	4.7	04/12/07	WG	pH	6.69	SU	FU070400GA3L01
LAO-3a	4401	4.7	07/15/09	WG	Specific Conductance	345	µS/cm	CALA-09-11091
LAO-3a	4401	4.7	09/02/08	WG	Specific Conductance	2380	µS/cm	CALA-08-13860
LAO-3a	4401	4.7	01/09/08	WG	Specific Conductance	367	µS/cm	CALA-08-9741
LAO-3a	4401	4.7	07/19/07	WG	Specific Conductance	290	µS/cm	FU070700GA3L01
LAO-3a	4401	4.7	04/12/07	WG	Specific Conductance	461	µS/cm	FU070400GA3L01
LAO-3a	4401	4.7	07/15/09	WG	Temperature	11.38	deg C	CALA-09-11091
LAO-3a	4401	4.7	09/02/08	WG	Temperature	12.9	deg C	CALA-08-13860
LAO-3a	4401	4.7	01/09/08	WG	Temperature	9.9	deg C	CALA-08-9741
LAO-3a	4401	4.7	07/19/07	WG	Temperature	13.9	deg C	FU070700GA3L01
LAO-3a	4401	4.7	04/12/07	WG	Temperature	8.9	deg C	FU070400GA3L01
LAO-3a	4401	4.7	07/15/09	WG	Turbidity	2.05	NTU	CALA-09-11091
LAO-3a	4401	4.7	09/02/08	WG	Turbidity	2	NTU	CALA-08-13860
LAO-3a	4401	4.7	01/09/08	WG	Turbidity	2.46	NTU	CALA-08-9741
LAO-3a	4401	4.7	07/19/07	WG	Turbidity	2.07	NTU	FU070700GA3L01
LAO-3a	4401	4.7	04/12/07	WG	Turbidity	3.38	NTU	FU070400GA3L01
LAO-4.5c	4431	13.3	07/14/09	WG	Dissolved Oxygen	13.4	mg/L	CALA-09-11124
LAO-4.5c	4431	13.3	08/29/08	WG	Dissolved Oxygen	7.19	mg/L	CALA-08-13841
LAO-4.5c	4431	13.3	01/09/08	WG	Dissolved Oxygen	5.26	mg/L	CALA-08-9745
LAO-4.5c	4431	13.3	07/19/07	WG	Dissolved Oxygen	2.81	mg/L	FU070700GC5401

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAO-4.5c	4431	13.3	04/12/07	WG	Dissolved Oxygen	7.69	mg/L	FU070400GC5401
LAO-4.5c	4431	13.3	07/14/09	WG	Oxidation Reduction Potential	296.2	mV	CALA-09-11124
LAO-4.5c	4431	13.3	08/29/08	WG	Oxidation Reduction Potential	190	mV	CALA-08-13841
LAO-4.5c	4431	13.3	01/09/08	WG	Oxidation Reduction Potential	293	mV	CALA-08-9745
LAO-4.5c	4431	13.3	07/19/07	WG	Oxidation Reduction Potential	531	mV	FU070700GC5401
LAO-4.5c	4431	13.3	04/12/07	WG	Oxidation Reduction Potential	330	mV	FU070400GC5401
LAO-4.5c	4431	13.3	07/14/09	WG	pH	6.72	SU	CALA-09-11124
LAO-4.5c	4431	13.3	08/29/08	WG	pH	6.53	SU	CALA-08-13841
LAO-4.5c	4431	13.3	01/09/08	WG	pH	6.79	SU	CALA-08-9745
LAO-4.5c	4431	13.3	07/19/07	WG	pH	6.74	SU	FU070700GC5401
LAO-4.5c	4431	13.3	04/12/07	WG	pH	6.35	SU	FU070400GC5401
LAO-4.5c	4431	13.3	07/14/09	WG	Specific Conductance	238	µS/cm	CALA-09-11124
LAO-4.5c	4431	13.3	08/29/08	WG	Specific Conductance	350	µS/cm	CALA-08-13841
LAO-4.5c	4431	13.3	01/09/08	WG	Specific Conductance	329	µS/cm	CALA-08-9745
LAO-4.5c	4431	13.3	07/19/07	WG	Specific Conductance	250	µS/cm	FU070700GC5401
LAO-4.5c	4431	13.3	04/12/07	WG	Specific Conductance	302	µS/cm	FU070400GC5401
LAO-4.5c	4431	13.3	07/14/09	WG	Temperature	10.01	deg C	CALA-09-11124
LAO-4.5c	4431	13.3	08/29/08	WG	Temperature	11.3	deg C	CALA-08-13841
LAO-4.5c	4431	13.3	01/09/08	WG	Temperature	9.2	deg C	CALA-08-9745
LAO-4.5c	4431	13.3	07/19/07	WG	Temperature	13.7	deg C	FU070700GC5401
LAO-4.5c	4431	13.3	04/12/07	WG	Temperature	7.1	deg C	FU070400GC5401
LAO-4.5c	4431	13.3	07/14/09	WG	Turbidity	4.66	NTU	CALA-09-11124
LAO-4.5c	4431	13.3	01/09/08	WG	Turbidity	3.95	NTU	CALA-08-9745
LAO-4.5c	4431	13.3	07/19/07	WG	Turbidity	1.94	NTU	FU070700GC5401
LAO-4.5c	4431	13.3	04/12/07	WG	Turbidity	4	NTU	FU070400GC5401
LAO-4.5c	4431	13.3	05/02/05	WG	Turbidity	1.27	NTU	FU05050GC5401
LAO-B	5221	11.84	07/14/09	WG	Dissolved Oxygen	2.84	mg/L	CALA-09-11103
LAO-B	5221	11.84	08/26/08	WG	Dissolved Oxygen	0.94	mg/L	CALA-08-13815

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAO-B	5221	11.84	01/14/08	WG	Dissolved Oxygen	4.54	mg/L	CALA-08-9749
LAO-B	5221	11.84	07/16/07	WG	Dissolved Oxygen	0.89	mg/L	FU070700GBAL01
LAO-B	5221	11.84	04/09/07	WG	Dissolved Oxygen	7.42	mg/L	FU070400GBAL01
LAO-B	5221	11.84	07/14/09	WG	Oxidation Reduction Potential	320.3	mV	CALA-09-11103
LAO-B	5221	11.84	08/26/08	WG	Oxidation Reduction Potential	237	mV	CALA-08-13815
LAO-B	5221	11.84	01/14/08	WG	Oxidation Reduction Potential	344	mV	CALA-08-9749
LAO-B	5221	11.84	07/16/07	WG	Oxidation Reduction Potential	374	mV	FU070700GBAL01
LAO-B	5221	11.84	04/09/07	WG	Oxidation Reduction Potential	244	mV	FU070400GBAL01
LAO-B	5221	11.84	07/14/09	WG	pH	6.26	SU	CALA-09-11103
LAO-B	5221	11.84	08/26/08	WG	pH	6.59	SU	CALA-08-13815
LAO-B	5221	11.84	01/14/08	WG	pH	6.9	SU	CALA-08-9749
LAO-B	5221	11.84	07/16/07	WG	pH	6.75	SU	FU070700GBAL01
LAO-B	5221	11.84	07/14/09	WG	Specific Conductance	116	µS/cm	CALA-09-11103
LAO-B	5221	11.84	08/26/08	WG	Specific Conductance	158.7	µS/cm	CALA-08-13815
LAO-B	5221	11.84	01/14/08	WG	Specific Conductance	156.7	µS/cm	CALA-08-9749
LAO-B	5221	11.84	07/16/07	WG	Specific Conductance	130	µS/cm	FU070700GBAL01
LAO-B	5221	11.84	07/14/09	WG	Temperature	8.45	deg C	CALA-09-11103
LAO-B	5221	11.84	08/26/08	WG	Temperature	11	deg C	CALA-08-13815
LAO-B	5221	11.84	01/14/08	WG	Temperature	6.3	deg C	CALA-08-9749
LAO-B	5221	11.84	07/16/07	WG	Temperature	12.3	deg C	FU070700GBAL01
LAO-B	5221	11.84	04/09/07	WG	Temperature	5.1	deg C	FU070400GBAL01
LAO-B	5221	11.84	07/14/09	WG	Turbidity	1.25	NTU	CALA-09-11103
LAO-B	5221	11.84	08/26/08	WG	Turbidity	1.87	NTU	CALA-08-13815
LAO-B	5221	11.84	01/14/08	WG	Turbidity	1.65	NTU	CALA-08-9749
LAO-B	5221	11.84	07/16/07	WG	Turbidity	1.38	NTU	FU070700GBAL01
LAO-B	5221	11.84	04/09/07	WG	Turbidity	1.94	NTU	FU070400GBAL01
LAOI(a)-1.1	5391	295.2	07/07/09	WG	Dissolved Oxygen	6.18	mg/L	CALA-09-11125
LAOI(a)-1.1	5391	295.2	01/13/09	WG	Dissolved Oxygen	6.03	mg/L	CALA-09-1725

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAOI(a)-1.1	5391	295.2	09/03/08	WG	Dissolved Oxygen	8.31	mg/L	CALA-08-13865
LAOI(a)-1.1	5391	295.2	07/31/07	WG	Dissolved Oxygen	5.31	mg/L	FU070700G11L01
LAOI(a)-1.1	5391	295.2	04/25/07	WG	Dissolved Oxygen	8.9	mg/L	FU070400G11L01
LAOI(a)-1.1	5391	295.2	07/07/09	WG	Oxidation Reduction Potential	419.2	mV	CALA-09-11125
LAOI(a)-1.1	5391	295.2	01/13/09	WG	Oxidation Reduction Potential	440.7	mV	CALA-09-1725
LAOI(a)-1.1	5391	295.2	09/03/08	WG	Oxidation Reduction Potential	310	mV	CALA-08-13865
LAOI(a)-1.1	5391	295.2	07/31/07	WG	Oxidation Reduction Potential	408	mV	FU070700G11L01
LAOI(a)-1.1	5391	295.2	04/25/07	WG	Oxidation Reduction Potential	124	mV	FU070400G11L01
LAOI(a)-1.1	5391	295.2	07/07/09	WG	pH	6.65	SU	CALA-09-11125
LAOI(a)-1.1	5391	295.2	01/13/09	WG	pH	6.59	SU	CALA-09-1725
LAOI(a)-1.1	5391	295.2	09/03/08	WG	pH	7.33	SU	CALA-08-13865
LAOI(a)-1.1	5391	295.2	07/31/07	WG	pH	6.97	SU	FU070700G11L01
LAOI(a)-1.1	5391	295.2	04/25/07	WG	pH	9.7	SU	FU070400G11L01
LAOI(a)-1.1	5391	295.2	07/07/09	WG	Specific Conductance	87	µS/cm	CALA-09-11125
LAOI(a)-1.1	5391	295.2	01/13/09	WG	Specific Conductance	73	µS/cm	CALA-09-1725
LAOI(a)-1.1	5391	295.2	09/03/08	WG	Specific Conductance	88.6	µS/cm	CALA-08-13865
LAOI(a)-1.1	5391	295.2	07/31/07	WG	Specific Conductance	96.1	µS/cm	FU070700G11L01
LAOI(a)-1.1	5391	295.2	04/25/07	WG	Specific Conductance	205	µS/cm	FU070400G11L01
LAOI(a)-1.1	5391	295.2	07/07/09	WG	Temperature	10.14	deg C	CALA-09-11125
LAOI(a)-1.1	5391	295.2	01/13/09	WG	Temperature	9.32	deg C	CALA-09-1725
LAOI(a)-1.1	5391	295.2	09/03/08	WG	Temperature	11.2	deg C	CALA-08-13865
LAOI(a)-1.1	5391	295.2	07/31/07	WG	Temperature	12.7	deg C	FU070700G11L01
LAOI(a)-1.1	5391	295.2	04/25/07	WG	Temperature	14	deg C	FU070400G11L01
LAOI(a)-1.1	5391	295.2	07/07/09	WG	Turbidity	52.3	NTU	CALA-09-11125
LAOI(a)-1.1	5391	295.2	01/13/09	WG	Turbidity	500	NTU	CALA-09-1725
LAOI(a)-1.1	5391	295.2	09/03/08	WG	Turbidity	26.1	NTU	CALA-08-13865
LAOI(a)-1.1	5391	295.2	07/31/07	WG	Turbidity	9.83	NTU	FU070700G11L01
LAOI(a)-1.1	5391	295.2	04/25/07	WG	Turbidity	7.8	NTU	FU070400G11L01

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAOI-3.2	6001	153.3	07/08/09	WG	Dissolved Oxygen	8.66	mg/L	CALA-09-11149
LAOI-3.2	6001	153.3	01/12/09	WG	Dissolved Oxygen	8.93	mg/L	CALA-09-1732
LAOI-3.2	6001	153.3	08/28/08	WG	Dissolved Oxygen	8.23	mg/L	CALA-08-13888
LAOI-3.2	6001	153.3	01/15/08	WG	Dissolved Oxygen	9.98	mg/L	CALA-08-9882
LAOI-3.2	6001	153.3	07/26/07	WG	Dissolved Oxygen	4.32	mg/L	FU070700G32L01
LAOI-3.2	6001	153.3	07/08/09	WG	Oxidation Reduction Potential	216.6	mV	CALA-09-11149
LAOI-3.2	6001	153.3	01/12/09	WG	Oxidation Reduction Potential	322	mV	CALA-09-1732
LAOI-3.2	6001	153.3	08/28/08	WG	Oxidation Reduction Potential	135	mV	CALA-08-13888
LAOI-3.2	6001	153.3	01/15/08	WG	Oxidation Reduction Potential	245	mV	CALA-08-9882
LAOI-3.2	6001	153.3	07/26/07	WG	Oxidation Reduction Potential	250	mV	FU070700G32L01
LAOI-3.2	6001	153.3	07/08/09	WG	pH	6.36	SU	CALA-09-11149
LAOI-3.2	6001	153.3	01/12/09	WG	pH	6.61	SU	CALA-09-1732
LAOI-3.2	6001	153.3	08/28/08	WG	pH	6.68	SU	CALA-08-13888
LAOI-3.2	6001	153.3	01/15/08	WG	pH	6.76	SU	CALA-08-9882
LAOI-3.2	6001	153.3	07/26/07	WG	pH	6.7	SU	FU070700G32L01
LAOI-3.2	6001	153.3	07/08/09	WG	Specific Conductance	193	µS/cm	CALA-09-11149
LAOI-3.2	6001	153.3	01/12/09	WG	Specific Conductance	175	µS/cm	CALA-09-1732
LAOI-3.2	6001	153.3	08/28/08	WG	Specific Conductance	241	µS/cm	CALA-08-13888
LAOI-3.2	6001	153.3	01/15/08	WG	Specific Conductance	252	µS/cm	CALA-08-9882
LAOI-3.2	6001	153.3	07/26/07	WG	Specific Conductance	248	µS/cm	FU070700G32L01
LAOI-3.2	6001	153.3	07/08/09	WG	Temperature	11.9	deg C	CALA-09-11149
LAOI-3.2	6001	153.3	01/12/09	WG	Temperature	11.14	deg C	CALA-09-1732
LAOI-3.2	6001	153.3	08/28/08	WG	Temperature	12.2	deg C	CALA-08-13888
LAOI-3.2	6001	153.3	01/15/08	WG	Temperature	10.7	deg C	CALA-08-9882
LAOI-3.2	6001	153.3	07/26/07	WG	Temperature	14.1	deg C	FU070700G32L01
LAOI-3.2	6001	153.3	07/08/09	WG	Turbidity	1.59	NTU	CALA-09-11149
LAOI-3.2	6001	153.3	01/12/09	WG	Turbidity	0.61	NTU	CALA-09-1732
LAOI-3.2	6001	153.3	08/28/08	WG	Turbidity	0.57	NTU	CALA-08-13888

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAOI-3.2	6001	153.3	01/15/08	WG	Turbidity	0.79	NTU	CALA-08-9882
LAOI-3.2	6001	153.3	07/26/07	WG	Turbidity	1.82	NTU	FU070700G32L01
LAOI-3.2a	7691	181.4	07/08/09	WG	Dissolved Oxygen	8.2	mg/L	CALA-09-11150
LAOI-3.2a	7691	181.4	01/12/09	WG	Dissolved Oxygen	2.93	mg/L	CALA-09-1737
LAOI-3.2a	7691	181.4	09/05/08	WG	Dissolved Oxygen	6.59	mg/L	CALA-08-13896
LAOI-3.2a	7691	181.4	01/23/08	WG	Dissolved Oxygen	7.43	mg/L	CALA-08-9869
LAOI-3.2a	7691	181.4	07/30/07	WG	Dissolved Oxygen	5.78	mg/L	FU07070GI32A01
LAOI-3.2a	7691	181.4	07/08/09	WG	Oxidation Reduction Potential	507.5	mV	CALA-09-11150
LAOI-3.2a	7691	181.4	01/12/09	WG	Oxidation Reduction Potential	391.6	mV	CALA-09-1737
LAOI-3.2a	7691	181.4	09/05/08	WG	Oxidation Reduction Potential	140	mV	CALA-08-13896
LAOI-3.2a	7691	181.4	01/23/08	WG	Oxidation Reduction Potential	404	mV	CALA-08-9869
LAOI-3.2a	7691	181.4	07/30/07	WG	Oxidation Reduction Potential	4.75	mV	FU07070GI32A01
LAOI-3.2a	7691	181.4	07/08/09	WG	pH	5.53	SU	CALA-09-11150
LAOI-3.2a	7691	181.4	01/12/09	WG	pH	6.55	SU	CALA-09-1737
LAOI-3.2a	7691	181.4	09/05/08	WG	pH	6.83	SU	CALA-08-13896
LAOI-3.2a	7691	181.4	01/23/08	WG	pH	6.7	SU	CALA-08-9869
LAOI-3.2a	7691	181.4	07/30/07	WG	pH	6.73	SU	FU07070GI32A01
LAOI-3.2a	7691	181.4	07/08/09	WG	Specific Conductance	218	µS/cm	CALA-09-11150
LAOI-3.2a	7691	181.4	01/12/09	WG	Specific Conductance	180	µS/cm	CALA-09-1737
LAOI-3.2a	7691	181.4	09/05/08	WG	Specific Conductance	226	µS/cm	CALA-08-13896
LAOI-3.2a	7691	181.4	01/23/08	WG	Specific Conductance	233	µS/cm	CALA-08-9869
LAOI-3.2a	7691	181.4	07/30/07	WG	Specific Conductance	255	µS/cm	FU07070GI32A01
LAOI-3.2a	7691	181.4	07/08/09	WG	Temperature	12.2	deg C	CALA-09-11150
LAOI-3.2a	7691	181.4	01/12/09	WG	Temperature	11.79	deg C	CALA-09-1737
LAOI-3.2a	7691	181.4	09/05/08	WG	Temperature	14.6	deg C	CALA-08-13896
LAOI-3.2a	7691	181.4	01/23/08	WG	Temperature	12.3	deg C	CALA-08-9869
LAOI-3.2a	7691	181.4	07/30/07	WG	Temperature	19.3	deg C	FU07070GI32A01
LAOI-3.2a	7691	181.4	07/08/09	WG	Turbidity	0.62	NTU	CALA-09-11150

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAOI-3.2a	7691	181.4	01/12/09	WG	Turbidity	0.99	NTU	CALA-09-1737
LAOI-3.2a	7691	181.4	09/05/08	WG	Turbidity	0.48	NTU	CALA-08-13896
LAOI-3.2a	7691	181.4	01/23/08	WG	Turbidity	0.19	NTU	CALA-08-9869
LAOI-3.2a	7691	181.4	07/30/07	WG	Turbidity	1.06	NTU	FU07070GI32A01
LAOI-7	6411	240	07/13/09	WG	Dissolved Oxygen	8.56	mg/L	CALA-09-11155
LAOI-7	6411	240	01/07/09	WG	Dissolved Oxygen	7.36	mg/L	CALA-09-1734
LAOI-7	6411	240	08/27/08	WG	Dissolved Oxygen	6.83	mg/L	CALA-08-13897
LAOI-7	6411	240	01/09/08	WG	Dissolved Oxygen	7.8	mg/L	CALA-08-10260
LAOI-7	6411	240	07/19/07	WG	Dissolved Oxygen	4.48	mg/L	FU07070LAOI701
LAOI-7	6411	240	07/13/09	WG	Oxidation Reduction Potential	317.7	mV	CALA-09-11155
LAOI-7	6411	240	01/07/09	WG	Oxidation Reduction Potential	158.1	mV	CALA-09-1734
LAOI-7	6411	240	08/27/08	WG	Oxidation Reduction Potential	120	mV	CALA-08-13897
LAOI-7	6411	240	01/09/08	WG	Oxidation Reduction Potential	244	mV	CALA-08-10260
LAOI-7	6411	240	07/19/07	WG	Oxidation Reduction Potential	64	mV	FU07070LAOI701
LAOI-7	6411	240	07/13/09	WG	pH	5.36	SU	CALA-09-11155
LAOI-7	6411	240	01/07/09	WG	pH	6.97	SU	CALA-09-1734
LAOI-7	6411	240	08/27/08	WG	pH	7.23	SU	CALA-08-13897
LAOI-7	6411	240	01/09/08	WG	pH	7.14	SU	CALA-08-10260
LAOI-7	6411	240	07/19/07	WG	pH	7.23	SU	FU07070LAOI701
LAOI-7	6411	240	07/13/09	WG	Specific Conductance	184	µS/cm	CALA-09-11155
LAOI-7	6411	240	01/07/09	WG	Specific Conductance	192	µS/cm	CALA-09-1734
LAOI-7	6411	240	08/27/08	WG	Specific Conductance	212	µS/cm	CALA-08-13897
LAOI-7	6411	240	01/09/08	WG	Specific Conductance	187.9	µS/cm	CALA-08-10260
LAOI-7	6411	240	07/19/07	WG	Specific Conductance	124.6	µS/cm	FU07070LAOI701
LAOI-7	6411	240	07/13/09	WG	Temperature	14.87	deg C	CALA-09-11155
LAOI-7	6411	240	01/07/09	WG	Temperature	14.3	deg C	CALA-09-1734
LAOI-7	6411	240	08/27/08	WG	Temperature	15.1	deg C	CALA-08-13897
LAOI-7	6411	240	01/09/08	WG	Temperature	13.8	deg C	CALA-08-10260

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAOI-7	6411	240	07/19/07	WG	Temperature	16.7	deg C	FU07070LAOI701
LAOI-7	6411	240	07/13/09	WG	Turbidity	1.68	NTU	CALA-09-11155
LAOI-7	6411	240	01/07/09	WG	Turbidity	1.8	NTU	CALA-09-1734
LAOI-7	6411	240	08/27/08	WG	Turbidity	1.46	NTU	CALA-08-13897
LAOI-7	6411	240	01/09/08	WG	Turbidity	0.98	NTU	CALA-08-10260
LAOI-7	6411	240	07/19/07	WG	Turbidity	1.03	NTU	FU07070LAOI701
LAUZ-1	5361	5.35	07/17/09	WG	Dissolved Oxygen	1.6	mg/L	CALA-09-11117
LAUZ-1	5361	5.35	08/25/08	WG	Dissolved Oxygen	0.7	mg/L	CALA-08-13835
LAUZ-1	5361	5.35	01/11/08	WG	Dissolved Oxygen	0.75	mg/L	CALA-08-9733
LAUZ-1	5361	5.35	08/01/07	WG	Dissolved Oxygen	5.4	mg/L	FU070700G1ZL01
LAUZ-1	5361	5.35	04/17/07	WG	Dissolved Oxygen	0.47	mg/L	FU070400G1ZL01
LAUZ-1	5361	5.35	07/17/09	WG	Oxidation Reduction Potential	125.8	mV	CALA-09-11117
LAUZ-1	5361	5.35	08/25/08	WG	Oxidation Reduction Potential	160	mV	CALA-08-13835
LAUZ-1	5361	5.35	01/11/08	WG	Oxidation Reduction Potential	381	mV	CALA-08-9733
LAUZ-1	5361	5.35	08/01/07	WG	Oxidation Reduction Potential	159	mV	FU070700G1ZL01
LAUZ-1	5361	5.35	04/17/07	WG	Oxidation Reduction Potential	332	mV	FU070400G1ZL01
LAUZ-1	5361	5.35	07/17/09	WG	pH	6.66	SU	CALA-09-11117
LAUZ-1	5361	5.35	08/25/08	WG	pH	6.73	SU	CALA-08-13835
LAUZ-1	5361	5.35	01/11/08	WG	pH	6.9	SU	CALA-08-9733
LAUZ-1	5361	5.35	08/01/07	WG	pH	6.89	SU	FU070700G1ZL01
LAUZ-1	5361	5.35	04/17/07	WG	pH	6.78	SU	FU070400G1ZL01
LAUZ-1	5361	5.35	07/17/09	WG	Specific Conductance	827	µS/cm	CALA-09-11117
LAUZ-1	5361	5.35	08/25/08	WG	Specific Conductance	1094	µS/cm	CALA-08-13835
LAUZ-1	5361	5.35	01/11/08	WG	Specific Conductance	688	µS/cm	CALA-08-9733
LAUZ-1	5361	5.35	08/01/07	WG	Specific Conductance	714	µS/cm	FU070700G1ZL01
LAUZ-1	5361	5.35	04/17/07	WG	Specific Conductance	2060	µS/cm	FU070400G1ZL01
LAUZ-1	5361	5.35	07/17/09	WG	Temperature	12.67	deg C	CALA-09-11117
LAUZ-1	5361	5.35	08/25/08	WG	Temperature	15.3	deg C	CALA-08-13835

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LAUZ-1	5361	5.35	01/11/08	WG	Temperature	6.2	deg C	CALA-08-9733
LAUZ-1	5361	5.35	08/01/07	WG	Temperature	16.3	deg C	FU070700G1ZL01
LAUZ-1	5361	5.35	04/17/07	WG	Temperature	7.7	deg C	FU070400G1ZL01
LAUZ-1	5361	5.35	07/17/09	WG	Turbidity	1.54	NTU	CALA-09-11117
LAUZ-1	5361	5.35	08/25/08	WG	Turbidity	1.3	NTU	CALA-08-13835
LAUZ-1	5361	5.35	01/11/08	WG	Turbidity	0.54	NTU	CALA-08-9733
LAUZ-1	5361	5.35	08/01/07	WG	Turbidity	1.79	NTU	FU070700G1ZL01
LAUZ-1	5361	5.35	04/17/07	WG	Turbidity	0.26	NTU	FU070400G1ZL01
LLAO-4	5661	5.24	07/08/09	WG	Dissolved Oxygen	4.38	mg/L	CALA-09-11202
LLAO-4	5661	5.24	01/08/09	WG	Dissolved Oxygen	5.13	mg/L	CALA-09-1715
LLAO-4	5661	5.24	08/27/08	WG	Dissolved Oxygen	5.3	mg/L	CALA-08-13928
LLAO-4	5661	5.24	01/25/08	WG	Dissolved Oxygen	2.35	mg/L	CALA-08-10386
LLAO-4	5661	5.24	01/25/08	WG	Dissolved Oxygen	2.35	mg/L	CALA-08-9759
LLAO-4	5661	5.24	07/24/07	WG	Dissolved Oxygen	1.33	mg/L	FU070700G4LL01
LLAO-4	5661	5.24	07/08/09	WG	Oxidation Reduction Potential	305.3	mV	CALA-09-11202
LLAO-4	5661	5.24	01/08/09	WG	Oxidation Reduction Potential	421	mV	CALA-09-1715
LLAO-4	5661	5.24	08/27/08	WG	Oxidation Reduction Potential	180	mV	CALA-08-13928
LLAO-4	5661	5.24	01/25/08	WG	Oxidation Reduction Potential	293	mV	CALA-08-10386
LLAO-4	5661	5.24	01/25/08	WG	Oxidation Reduction Potential	293	mV	CALA-08-9759
LLAO-4	5661	5.24	07/24/07	WG	Oxidation Reduction Potential	243	mV	FU070700G4LL01
LLAO-4	5661	5.24	07/08/09	WG	pH	6.81	SU	CALA-09-11202
LLAO-4	5661	5.24	01/08/09	WG	pH	6.83	SU	CALA-09-1715
LLAO-4	5661	5.24	08/27/08	WG	pH	6.85	SU	CALA-08-13928
LLAO-4	5661	5.24	01/25/08	WG	pH	6.85	SU	CALA-08-9759
LLAO-4	5661	5.24	01/25/08	WG	pH	6.85	SU	CALA-08-10386
LLAO-4	5661	5.24	07/24/07	WG	pH	6.75	SU	FU070700G4LL01
LLAO-4	5661	5.24	07/08/09	WG	Specific Conductance	400	µS/cm	CALA-09-11202
LLAO-4	5661	5.24	01/08/09	WG	Specific Conductance	795	µS/cm	CALA-09-1715

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
LLAO-4	5661	5.24	08/27/08	WG	Specific Conductance	448	µS/cm	CALA-08-13928
LLAO-4	5661	5.24	01/25/08	WG	Specific Conductance	496	µS/cm	CALA-08-10386
LLAO-4	5661	5.24	01/25/08	WG	Specific Conductance	496	µS/cm	CALA-08-9759
LLAO-4	5661	5.24	07/24/07	WG	Specific Conductance	765	µS/cm	FU070700G4LL01
LLAO-4	5661	5.24	07/08/09	WG	Temperature	14.24	deg C	CALA-09-11202
LLAO-4	5661	5.24	01/08/09	WG	Temperature	12.93	deg C	CALA-09-1715
LLAO-4	5661	5.24	08/27/08	WG	Temperature	16.1	deg C	CALA-08-13928
LLAO-4	5661	5.24	01/25/08	WG	Temperature	14.6	deg C	CALA-08-9759
LLAO-4	5661	5.24	01/25/08	WG	Temperature	14.6	deg C	CALA-08-10386
LLAO-4	5661	5.24	07/24/07	WG	Temperature	18.1	deg C	FU070700G4LL01
LLAO-4	5661	5.24	07/08/09	WG	Turbidity	0.39	NTU	CALA-09-11202
LLAO-4	5661	5.24	01/08/09	WG	Turbidity	0.2	NTU	CALA-09-1715
LLAO-4	5661	5.24	08/27/08	WG	Turbidity	0.68	NTU	CALA-08-13928
LLAO-4	5661	5.24	01/25/08	WG	Turbidity	0.28	NTU	CALA-08-10386
LLAO-4	5661	5.24	01/25/08	WG	Turbidity	0.28	NTU	CALA-08-9759
LLAO-4	5661	5.24	07/24/07	WG	Turbidity	0.37	NTU	FU070700G4LL01
Los Alamos Spring	—	—	07/09/09	WG	Dissolved Oxygen	9.02	mg/L	CALA-09-11189
Los Alamos Spring	—	—	01/13/09	WG	Dissolved Oxygen	0.18	mg/L	CALA-09-1811
Los Alamos Spring	—	—	08/25/08	WG	Dissolved Oxygen	8.69	mg/L	CALA-08-13923
Los Alamos Spring	—	—	01/25/08	WG	Dissolved Oxygen	9.94	mg/L	CALA-08-9789
Los Alamos Spring	—	—	07/31/07	WG	Dissolved Oxygen	6.7	mg/L	FU070700GLAS01
Los Alamos Spring	—	—	07/09/09	WG	pH	7.71	SU	CALA-09-11189
Los Alamos Spring	—	—	01/13/09	WG	pH	7.85	SU	CALA-09-1811
Los Alamos Spring	—	—	08/25/08	WG	pH	7.05	SU	CALA-08-13923
Los Alamos Spring	—	—	01/25/08	WG	pH	7.29	SU	CALA-08-9789
Los Alamos Spring	—	—	07/31/07	WG	pH	7.36	SU	FU070700GLAS01
Los Alamos Spring	—	—	07/09/09	WG	Specific Conductance	256	µS/cm	CALA-09-11189
Los Alamos Spring	—	—	01/13/09	WG	Specific Conductance	245	µS/cm	CALA-09-1811

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Los Alamos Spring	—	—	08/25/08	WG	Specific Conductance	332	µS/cm	CALA-08-13923
Los Alamos Spring	—	—	01/25/08	WG	Specific Conductance	313	µS/cm	CALA-08-9789
Los Alamos Spring	—	—	07/31/07	WG	Specific Conductance	337	µS/cm	FU070700GLAS01
Los Alamos Spring	—	—	07/09/09	WG	Temperature	12.61	deg C	CALA-09-11189
Los Alamos Spring	—	—	01/13/09	WG	Temperature	8.73	deg C	CALA-09-1811
Los Alamos Spring	—	—	08/25/08	WG	Temperature	14.5	deg C	CALA-08-13923
Los Alamos Spring	—	—	01/25/08	WG	Temperature	7.3	deg C	CALA-08-9789
Los Alamos Spring	—	—	07/31/07	WG	Temperature	16.1	deg C	FU070700GLAS01
Los Alamos Spring	—	—	07/09/09	WG	Turbidity	2.02	NTU	CALA-09-11189
Los Alamos Spring	—	—	01/13/09	WG	Turbidity	15	NTU	CALA-09-1811
Los Alamos Spring	—	—	08/25/08	WG	Turbidity	0.72	NTU	CALA-08-13923
Los Alamos Spring	—	—	01/25/08	WG	Turbidity	0.36	NTU	CALA-08-9789
Los Alamos Spring	—	—	07/31/07	WG	Turbidity	0.87	NTU	FU070700GLAS01
PAO-1	5561	5.89	07/07/09	WG	Dissolved Oxygen	1.78	mg/L	CAPU-09-11220
PAO-1	5561	5.89	01/17/08	WG	Dissolved Oxygen	19.84	mg/L	CAPU-08-9768
PAO-1	5561	5.89	07/25/07	WG	Dissolved Oxygen	1.36	mg/L	FU07070G1OAP01
PAO-1	5561	5.89	04/23/07	WG	Dissolved Oxygen	6.2	mg/L	FU07040G1OAP01
PAO-1	5561	5.89	08/10/06	WG	Dissolved Oxygen	1.26	mg/L	FU06070G1OAP01
PAO-1	5561	5.89	07/07/09	WG	Oxidation Reduction Potential	86.4	mV	CAPU-09-11220
PAO-1	5561	5.89	09/03/08	WG	Oxidation Reduction Potential	125	mV	CAPU-08-14575
PAO-1	5561	5.89	01/17/08	WG	Oxidation Reduction Potential	395	mV	CAPU-08-9768
PAO-1	5561	5.89	07/25/07	WG	Oxidation Reduction Potential	346	mV	FU07070G1OAP01
PAO-1	5561	5.89	04/23/07	WG	Oxidation Reduction Potential	126.4	mV	FU07040G1OAP01
PAO-1	5561	5.89	07/07/09	WG	pH	7.02	SU	CAPU-09-11220
PAO-1	5561	5.89	09/03/08	WG	pH	7.24	SU	CAPU-08-14575
PAO-1	5561	5.89	01/17/08	WG	pH	7.42	SU	CAPU-08-9768
PAO-1	5561	5.89	07/25/07	WG	pH	7.1	SU	FU07070G1OAP01
PAO-1	5561	5.89	07/07/09	WG	Specific Conductance	415	µS/cm	CAPU-09-11220

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
PAO-1	5561	5.89	09/03/08	WG	Specific Conductance	322	µS/cm	CAPU-08-14575
PAO-1	5561	5.89	01/17/08	WG	Specific Conductance	617	µS/cm	CAPU-08-9768
PAO-1	5561	5.89	07/25/07	WG	Specific Conductance	417	µS/cm	FU07070G1OAP01
PAO-1	5561	5.89	07/07/09	WG	Temperature	15.91	deg C	CAPU-09-11220
PAO-1	5561	5.89	09/03/08	WG	Temperature	18.9	deg C	CAPU-08-14575
PAO-1	5561	5.89	01/17/08	WG	Temperature	1.4	deg C	CAPU-08-9768
PAO-1	5561	5.89	07/25/07	WG	Temperature	18	deg C	FU07070G1OAP01
PAO-1	5561	5.89	04/23/07	WG	Temperature	8.7	deg C	FU07040G1OAP01
PAO-1	5561	5.89	07/07/09	WG	Turbidity	43	NTU	CAPU-09-11220
PAO-1	5561	5.89	09/03/08	WG	Turbidity	14.8	NTU	CAPU-08-14575
PAO-1	5561	5.89	01/17/08	WG	Turbidity	1.44	NTU	CAPU-08-9768
PAO-1	5561	5.89	07/25/07	WG	Turbidity	4.38	NTU	FU07070G1OAP01
PAO-1	5561	5.89	04/23/07	WG	Turbidity	4.91	NTU	FU07040G1OAP01
PAO-2	6801	6.06	07/10/09	WG	Dissolved Oxygen	4.5	mg/L	CAPU-09-11222
PAO-2	6801	6.06	09/03/08	WG	Dissolved Oxygen	3.87	mg/L	CAPU-08-14570
PAO-2	6801	6.06	07/25/07	WG	Dissolved Oxygen	4.09	mg/L	FU07070GPAO201
PAO-2	6801	6.06	04/23/07	WG	Dissolved Oxygen	8.67	mg/L	FU07040GPAO201
PAO-2	6801	6.06	08/10/06	WG	Dissolved Oxygen	5.4	mg/L	FU06070GPAO201
PAO-2	6801	6.06	07/10/09	WG	Oxidation Reduction Potential	177.3	mV	CAPU-09-11222
PAO-2	6801	6.06	09/03/08	WG	Oxidation Reduction Potential	284	mV	CAPU-08-14570
PAO-2	6801	6.06	07/25/07	WG	Oxidation Reduction Potential	339	mV	FU07070GPAO201
PAO-2	6801	6.06	04/23/07	WG	Oxidation Reduction Potential	131.8	mV	FU07040GPAO201
PAO-2	6801	6.06	08/10/06	WG	Oxidation Reduction Potential	365.5	mV	FU06070GPAO201
PAO-2	6801	6.06	07/10/09	WG	pH	7.04	SU	CAPU-09-11222
PAO-2	6801	6.06	09/03/08	WG	pH	7.15	SU	CAPU-08-14570
PAO-2	6801	6.06	07/25/07	WG	pH	7.01	SU	FU07070GPAO201
PAO-2	6801	6.06	04/23/07	WG	pH	7.44	SU	FU07040GPAO201
PAO-2	6801	6.06	08/10/06	WG	pH	6.91	SU	FU06070GPAO201

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
PAO-2	6801	6.06	07/10/09	WG	Specific Conductance	396	µS/cm	CAPU-09-11222
PAO-2	6801	6.06	09/03/08	WG	Specific Conductance	323	µS/cm	CAPU-08-14570
PAO-2	6801	6.06	07/25/07	WG	Specific Conductance	441	µS/cm	FU07070GPAO201
PAO-2	6801	6.06	04/23/07	WG	Specific Conductance	626	µS/cm	FU07040GPAO201
PAO-2	6801	6.06	08/10/06	WG	Specific Conductance	269	µS/cm	FU06070GPAO201
PAO-2	6801	6.06	07/10/09	WG	Temperature	15.62	deg C	CAPU-09-11222
PAO-2	6801	6.06	09/03/08	WG	Temperature	15.7	deg C	CAPU-08-14570
PAO-2	6801	6.06	07/25/07	WG	Temperature	17.5	deg C	FU07070GPAO201
PAO-2	6801	6.06	04/23/07	WG	Temperature	8.8	deg C	FU07040GPAO201
PAO-2	6801	6.06	08/10/06	WG	Temperature	17.9	deg C	FU06070GPAO201
PAO-2	6801	6.06	07/10/09	WG	Turbidity	22.9	NTU	CAPU-09-11222
PAO-2	6801	6.06	09/03/08	WG	Turbidity	39.1	NTU	CAPU-08-14570
PAO-2	6801	6.06	07/25/07	WG	Turbidity	8.8	NTU	FU07070GPAO201
PAO-2	6801	6.06	04/23/07	WG	Turbidity	2.08	NTU	FU07040GPAO201
PAO-2	6801	6.06	08/10/06	WG	Turbidity	32.2	NTU	FU06070GPAO201
PAO-4	5591	1.97	07/20/09	WG	Dissolved Oxygen	1.31	mg/L	CAPU-09-11225
PAO-4	5591	1.97	01/07/09	WG	Dissolved Oxygen	0.29	mg/L	CAPU-09-1773
PAO-4	5591	1.97	09/04/08	WG	Dissolved Oxygen	0.41	mg/L	CAPU-08-14567
PAO-4	5591	1.97	01/16/08	WG	Dissolved Oxygen	0.4	mg/L	CAPU-08-9767
PAO-4	5591	1.97	08/02/07	WG	Dissolved Oxygen	0.5	mg/L	FU07070G4OAP01
PAO-4	5591	1.97	07/20/09	WG	Oxidation Reduction Potential	-188.8	mV	CAPU-09-11225
PAO-4	5591	1.97	01/07/09	WG	Oxidation Reduction Potential	345	mV	CAPU-09-1773
PAO-4	5591	1.97	09/04/08	WG	Oxidation Reduction Potential	-221	mV	CAPU-08-14567
PAO-4	5591	1.97	01/16/08	WG	Oxidation Reduction Potential	199	mV	CAPU-08-9767
PAO-4	5591	1.97	08/02/07	WG	Oxidation Reduction Potential	-113	mV	FU07070G4OAP01
PAO-4	5591	1.97	07/20/09	WG	pH	6.76	SU	CAPU-09-11225
PAO-4	5591	1.97	01/07/09	WG	pH	6.69	SU	CAPU-09-1773
PAO-4	5591	1.97	09/04/08	WG	pH	6.71	SU	CAPU-08-14567

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
PAO-4	5591	1.97	01/16/08	WG	pH	7.15	SU	CAPU-08-9767
PAO-4	5591	1.97	08/02/07	WG	pH	6.9	SU	FU07070G4OAP01
PAO-4	5591	1.97	07/20/09	WG	Specific Conductance	523	µS/cm	CAPU-09-11225
PAO-4	5591	1.97	01/07/09	WG	Specific Conductance	321	µS/cm	CAPU-09-1773
PAO-4	5591	1.97	09/04/08	WG	Specific Conductance	560	µS/cm	CAPU-08-14567
PAO-4	5591	1.97	01/16/08	WG	Specific Conductance	524	µS/cm	CAPU-08-9767
PAO-4	5591	1.97	08/02/07	WG	Specific Conductance	732	µS/cm	FU07070G4OAP01
PAO-4	5591	1.97	07/20/09	WG	Temperature	14.91	deg C	CAPU-09-11225
PAO-4	5591	1.97	01/07/09	WG	Temperature	4.72	deg C	CAPU-09-1773
PAO-4	5591	1.97	09/04/08	WG	Temperature	16.1	deg C	CAPU-08-14567
PAO-4	5591	1.97	01/16/08	WG	Temperature	5.1	deg C	CAPU-08-9767
PAO-4	5591	1.97	08/02/07	WG	Temperature	17.7	deg C	FU07070G4OAP01
PAO-4	5591	1.97	07/20/09	WG	Turbidity	1.15	NTU	CAPU-09-11225
PAO-4	5591	1.97	01/07/09	WG	Turbidity	2.36	NTU	CAPU-09-1773
PAO-4	5591	1.97	09/04/08	WG	Turbidity	2.4	NTU	CAPU-08-14567
PAO-4	5591	1.97	01/16/08	WG	Turbidity	1.88	NTU	CAPU-08-9767
PAO-4	5591	1.97	08/02/07	WG	Turbidity	3.47	NTU	FU07070G4OAP01
POI-4	4291	159	07/15/09	WG	Dissolved Oxygen	7.57	mg/L	CAPU-09-11240
POI-4	4291	159	01/22/09	WG	Dissolved Oxygen	5.36	mg/L	CAPU-09-1779
POI-4	4291	159	09/04/08	WG	Dissolved Oxygen	8.1	mg/L	CAPU-08-14782
POI-4	4291	159	01/22/08	WG	Dissolved Oxygen	2.1	mg/L	CAPU-08-9905
POI-4	4291	159	08/02/07	WG	Dissolved Oxygen	0.45	mg/L	FU070700G4OP01
POI-4	4291	159	07/15/09	WG	Oxidation Reduction Potential	448.2	mV	CAPU-09-11240
POI-4	4291	159	01/22/09	WG	Oxidation Reduction Potential	242.3	mV	CAPU-09-1779
POI-4	4291	159	09/04/08	WG	Oxidation Reduction Potential	138	mV	CAPU-08-14782
POI-4	4291	159	01/22/08	WG	Oxidation Reduction Potential	287	mV	CAPU-08-9905
POI-4	4291	159	08/02/07	WG	Oxidation Reduction Potential	392	mV	FU070700G4OP01
POI-4	4291	159	07/15/09	WG	pH	6.66	SU	CAPU-09-11240

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
POI-4	4291	159	01/22/09	WG	pH	6.82	SU	CAPU-09-1779
POI-4	4291	159	09/04/08	WG	pH	7.1	SU	CAPU-08-14782
POI-4	4291	159	01/22/08	WG	pH	8.39	SU	CAPU-08-9905
POI-4	4291	159	08/02/07	WG	pH	7.55	SU	FU070700G4OP01
POI-4	4291	159	07/15/09	WG	Specific Conductance	491	µS/cm	CAPU-09-11240
POI-4	4291	159	01/22/09	WG	Specific Conductance	447	µS/cm	CAPU-09-1779
POI-4	4291	159	09/04/08	WG	Specific Conductance	559	µS/cm	CAPU-08-14782
POI-4	4291	159	01/22/08	WG	Specific Conductance	597	µS/cm	CAPU-08-9905
POI-4	4291	159	08/02/07	WG	Specific Conductance	583	µS/cm	FU070700G4OP01
POI-4	4291	159	07/15/09	WG	Temperature	12.54	deg C	CAPU-09-11240
POI-4	4291	159	01/22/09	WG	Temperature	11.34	deg C	CAPU-09-1779
POI-4	4291	159	09/04/08	WG	Temperature	12.2	deg C	CAPU-08-14782
POI-4	4291	159	01/22/08	WG	Temperature	12.1	deg C	CAPU-08-9905
POI-4	4291	159	08/02/07	WG	Temperature	19.3	deg C	FU070700G4OP01
POI-4	4291	159	07/15/09	WG	Turbidity	0.71	NTU	CAPU-09-11240
POI-4	4291	159	01/22/09	WG	Turbidity	0.48	NTU	CAPU-09-1779
POI-4	4291	159	09/04/08	WG	Turbidity	10.2	NTU	CAPU-08-14782
POI-4	4291	159	01/22/08	WG	Turbidity	60.5	NTU	CAPU-08-9905
POI-4	4291	159	08/02/07	WG	Turbidity	12.6	NTU	FU070700G4OP01
Pueblo 3	—	—	07/21/09	WS	Dissolved Oxygen	6.55	mg/L	CAPU-09-11214
Pueblo 3	—	—	09/02/08	WS	Dissolved Oxygen	2.83	mg/L	CAPU-08-14556
Pueblo 3	—	—	01/14/08	WS	Dissolved Oxygen	8	mg/L	CAPU-08-9848
Pueblo 3	—	—	07/26/07	WS	Dissolved Oxygen	1.38	mg/L	FU070700P3LP01
Pueblo 3	—	—	04/20/07	WS	Dissolved Oxygen	6.12	mg/L	FU070400P3LP01
Pueblo 3	—	—	07/21/09	WS	pH	7.14	SU	CAPU-09-11214
Pueblo 3	—	—	09/02/08	WS	pH	7	SU	CAPU-08-14556
Pueblo 3	—	—	01/14/08	WS	pH	8.07	SU	CAPU-08-9848
Pueblo 3	—	—	07/26/07	WS	pH	7.28	SU	FU070700P3LP01

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Pueblo 3	—	—	07/21/09	WS	Specific Conductance	450	µS/cm	CAPU-09-11214
Pueblo 3	—	—	09/02/08	WS	Specific Conductance	550	µS/cm	CAPU-08-14556
Pueblo 3	—	—	01/14/08	WS	Specific Conductance	508	µS/cm	CAPU-08-9848
Pueblo 3	—	—	07/26/07	WS	Specific Conductance	561	µS/cm	FU070700P3LP01
Pueblo 3	—	—	07/21/09	WS	Temperature	14.87	deg C	CAPU-09-11214
Pueblo 3	—	—	09/02/08	WS	Temperature	16.5	deg C	CAPU-08-14556
Pueblo 3	—	—	01/14/08	WS	Temperature	9.6	deg C	CAPU-08-9848
Pueblo 3	—	—	07/26/07	WS	Temperature	23.2	deg C	FU070700P3LP01
Pueblo 3	—	—	04/20/07	WS	Temperature	18.3	deg C	FU070400P3LP01
Pueblo 3	—	—	07/21/09	WS	Turbidity	9.01	NTU	CAPU-09-11214
Pueblo 3	—	—	09/02/08	WS	Turbidity	39.8	NTU	CAPU-08-14556
Pueblo 3	—	—	01/14/08	WS	Turbidity	25.2	NTU	CAPU-08-9848
Pueblo 3	—	—	07/26/07	WS	Turbidity	11.7	NTU	FU070700P3LP01
Pueblo 3	—	—	04/20/07	WS	Turbidity	28.1	NTU	FU070400P3LP01
Pueblo above Acid	—	—	07/09/09	WS	Dissolved Oxygen	6.43	mg/L	CAPU-09-11207
Pueblo above Acid	—	—	08/28/08	WS	Dissolved Oxygen	5.2	mg/L	CAPU-08-14264
Pueblo above Acid	—	—	01/15/08	WS	Dissolved Oxygen	9.2	mg/L	CAPU-08-9842
Pueblo above Acid	—	—	07/25/07	WP	Dissolved Oxygen	4.93	mg/L	FU070700P05501
Pueblo above Acid	—	—	04/18/07	WP	Dissolved Oxygen	6.53	mg/L	FU070400P05501
Pueblo above Acid	—	—	07/09/09	WS	pH	7.72	SU	CAPU-09-11207
Pueblo above Acid	—	—	08/28/08	WS	pH	7.37	SU	CAPU-08-14264
Pueblo above Acid	—	—	01/28/08	WM	pH	7.12	SU	FU080100M05501
Pueblo above Acid	—	—	01/15/08	WS	pH	7.35	SU	CAPU-08-9842
Pueblo above Acid	—	—	07/25/07	WP	pH	7.5	SU	FU070700P05501
Pueblo above Acid	—	—	07/09/09	WS	Specific Conductance	455	µS/cm	CAPU-09-11207
Pueblo above Acid	—	—	08/28/08	WS	Specific Conductance	335	µS/cm	CAPU-08-14264
Pueblo above Acid	—	—	01/15/08	WS	Specific Conductance	612	µS/cm	CAPU-08-9842
Pueblo above Acid	—	—	07/25/07	WP	Specific Conductance	404	µS/cm	FU070700P05501

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Pueblo above Acid	—	—	04/18/07	WP	Specific Conductance	340	µS/cm	FU070400P05501
Pueblo above Acid	—	—	07/09/09	WS	Temperature	19.17	deg C	CAPU-09-11207
Pueblo above Acid	—	—	08/28/08	WS	Temperature	19.2	deg C	CAPU-08-14264
Pueblo above Acid	—	—	01/15/08	WS	Temperature	0.4	deg C	CAPU-08-9842
Pueblo above Acid	—	—	07/25/07	WP	Temperature	18.3	deg C	FU070700P05501
Pueblo above Acid	—	—	04/18/07	WP	Temperature	10.2	deg C	FU070400P05501
Pueblo above Acid	—	—	07/09/09	WS	Turbidity	15.4	NTU	CAPU-09-11207
Pueblo above Acid	—	—	08/28/08	WS	Turbidity	10	NTU	CAPU-08-14264
Pueblo above Acid	—	—	01/15/08	WS	Turbidity	0.67	NTU	CAPU-08-9842
Pueblo above Acid	—	—	07/25/07	WP	Turbidity	4.26	NTU	FU070700P05501
Pueblo above Acid	—	—	04/18/07	WP	Turbidity	4.49	NTU	FU070400P05501
R-2	1711	918	07/10/09	WG	Dissolved Oxygen	4.1	mg/L	CAPU-09-11257
R-2	1711	918	01/14/09	WG	Dissolved Oxygen	5.59	mg/L	CAPU-09-1797
R-2	1711	918	08/29/08	WG	Dissolved Oxygen	4.04	mg/L	CAPU-08-14787
R-2	1711	918	01/11/08	WG	Dissolved Oxygen	5.1	mg/L	CAPU-08-9896
R-2	1711	918	07/16/07	WG	Dissolved Oxygen	3.22	mg/L	FU070700G02R01
R-2	1711	918	07/10/09	WG	Oxidation Reduction Potential	409.5	mV	CAPU-09-11257
R-2	1711	918	01/14/09	WG	Oxidation Reduction Potential	148	mV	CAPU-09-1797
R-2	1711	918	08/29/08	WG	Oxidation Reduction Potential	142	mV	CAPU-08-14787
R-2	1711	918	01/11/08	WG	Oxidation Reduction Potential	202	mV	CAPU-08-9896
R-2	1711	918	07/16/07	WG	Oxidation Reduction Potential	280	mV	FU070700G02R01
R-2	1711	918	07/10/09	WG	pH	7.05	SU	CAPU-09-11257
R-2	1711	918	01/14/09	WG	pH	6.95	SU	CAPU-09-1797
R-2	1711	918	08/29/08	WG	pH	7.19	SU	CAPU-08-14787
R-2	1711	918	01/11/08	WG	pH	7.48	SU	CAPU-08-9896
R-2	1711	918	07/16/07	WG	pH	7.51	SU	FU070700G02R01
R-2	1711	918	07/10/09	WG	Specific Conductance	151	µS/cm	CAPU-09-11257
R-2	1711	918	01/14/09	WG	Specific Conductance	23.2	µS/cm	CAPU-09-1797

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-2	1711	918	08/29/08	WG	Specific Conductance	121.2	µS/cm	CAPU-08-14787
R-2	1711	918	01/11/08	WG	Specific Conductance	137.5	µS/cm	CAPU-08-9896
R-2	1711	918	07/16/07	WG	Specific Conductance	100.7	µS/cm	FU070700G02R01
R-2	1711	918	07/10/09	WG	Temperature	24.06	deg C	CAPU-09-11257
R-2	1711	918	08/29/08	WG	Temperature	24.3	deg C	CAPU-08-14787
R-2	1711	918	01/11/08	WG	Temperature	21.5	deg C	CAPU-08-9896
R-2	1711	918	07/16/07	WG	Temperature	24.7	deg C	FU070700G02R01
R-2	1711	918	04/17/07	WG	Temperature	23.3	deg C	FU070400G02R01
R-2	1711	918	07/10/09	WG	Turbidity	4.61	NTU	CAPU-09-11257
R-2	1711	918	01/14/09	WG	Turbidity	16.3	NTU	CAPU-09-1797
R-2	1711	918	08/29/08	WG	Turbidity	7.2	NTU	CAPU-08-14787
R-2	1711	918	01/11/08	WG	Turbidity	4.59	NTU	CAPU-08-9896
R-2	1711	918	07/16/07	WG	Turbidity	4.11	NTU	FU070700G02R01
R-24	6321	825	07/16/09	WG	Dissolved Oxygen	3.56	mg/L	CAPU-09-11269
R-24	6321	825	01/15/09	WG	Dissolved Oxygen	2.73	mg/L	CAPU-09-1804
R-24	6321	825	08/26/08	WG	Dissolved Oxygen	2.19	mg/L	CAPU-08-14805
R-24	6321	825	01/22/08	WG	Dissolved Oxygen	3.4	mg/L	CAPU-08-9903
R-24	6321	825	07/18/07	WG	Dissolved Oxygen	1.53	mg/L	FU070700GR2401
R-24	6321	825	07/16/09	WG	Oxidation Reduction Potential	366.9	mV	CAPU-09-11269
R-24	6321	825	01/15/09	WG	Oxidation Reduction Potential	439.3	mV	CAPU-09-1804
R-24	6321	825	08/26/08	WG	Oxidation Reduction Potential	131	mV	CAPU-08-14805
R-24	6321	825	01/22/08	WG	Oxidation Reduction Potential	360	mV	CAPU-08-9903
R-24	6321	825	07/18/07	WG	Oxidation Reduction Potential	219	mV	FU070700GR2401
R-24	6321	825	07/16/09	WG	pH	7.79	SU	CAPU-09-11269
R-24	6321	825	01/15/09	WG	pH	7.74	SU	CAPU-09-1804
R-24	6321	825	08/26/08	WG	pH	7.89	SU	CAPU-08-14805
R-24	6321	825	01/22/08	WG	pH	8.1	SU	CAPU-08-9903
R-24	6321	825	07/16/09	WG	Specific Conductance	286	µS/cm	CAPU-09-11269

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-24	6321	825	01/15/09	WG	Specific Conductance	277	µS/cm	CAPU-09-1804
R-24	6321	825	08/26/08	WG	Specific Conductance	211	µS/cm	CAPU-08-14805
R-24	6321	825	01/22/08	WG	Specific Conductance	212	µS/cm	CAPU-08-9903
R-24	6321	825	07/16/09	WG	Turbidity	1.08	NTU	CAPU-09-11269
R-24	6321	825	01/15/09	WG	Turbidity	0.78	NTU	CAPU-09-1804
R-24	6321	825	08/26/08	WG	Turbidity	1.89	NTU	CAPU-08-14805
R-24	6321	825	01/22/08	WG	Turbidity	1.09	NTU	CAPU-08-9903
R-24	6321	825	07/18/07	WG	Turbidity	0.58	NTU	FU070700GR2401
R-3i	7701	215.2	07/22/09	WG	Dissolved Oxygen	7.81	mg/L	CAPU-09-11231
R-3i	7701	215.2	01/20/09	WG	Dissolved Oxygen	7.18	mg/L	CAPU-09-1784
R-3i	7701	215.2	09/03/08	WG	Dissolved Oxygen	7.92	mg/L	CAPU-08-14785
R-3i	7701	215.2	01/16/08	WG	Dissolved Oxygen	7.4	mg/L	CAPU-08-10315
R-3i	7701	215.2	07/20/07	WG	Dissolved Oxygen	5.11	mg/L	FU070700G3iR01
R-3i	7701	215.2	07/22/09	WG	Oxidation Reduction Potential	180.4	mV	CAPU-09-11231
R-3i	7701	215.2	01/20/09	WG	Oxidation Reduction Potential	338.5	mV	CAPU-09-1784
R-3i	7701	215.2	09/03/08	WG	Oxidation Reduction Potential	336	mV	CAPU-08-14785
R-3i	7701	215.2	01/16/08	WG	Oxidation Reduction Potential	270	mV	CAPU-08-10315
R-3i	7701	215.2	07/20/07	WG	Oxidation Reduction Potential	234	mV	FU070700G3iR01
R-3i	7701	215.2	07/22/09	WG	pH	7.3	SU	CAPU-09-11231
R-3i	7701	215.2	01/20/09	WG	pH	7.27	SU	CAPU-09-1784
R-3i	7701	215.2	09/03/08	WG	pH	7.66	SU	CAPU-08-14785
R-3i	7701	215.2	01/16/08	WG	pH	7.67	SU	CAPU-08-10315
R-3i	7701	215.2	07/20/07	WG	pH	7.43	SU	FU070700G3iR01
R-3i	7701	215.2	07/22/09	WG	Specific Conductance	449	µS/cm	CAPU-09-11231
R-3i	7701	215.2	01/20/09	WG	Specific Conductance	388	µS/cm	CAPU-09-1784
R-3i	7701	215.2	09/03/08	WG	Specific Conductance	439	µS/cm	CAPU-08-14785
R-3i	7701	215.2	01/16/08	WG	Specific Conductance	485	µS/cm	CAPU-08-10315
R-3i	7701	215.2	07/20/07	WG	Specific Conductance	495	µS/cm	FU070700G3iR01

Periodic Monitoring Report for Los Alamos Watershed

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-3i	7701	215.2	07/22/09	WG	Temperature	13.95	deg C	CAPU-09-11231
R-3i	7701	215.2	01/20/09	WG	Temperature	13.6	deg C	CAPU-09-1784
R-3i	7701	215.2	09/03/08	WG	Temperature	14.2	deg C	CAPU-08-14785
R-3i	7701	215.2	01/16/08	WG	Temperature	13.2	deg C	CAPU-08-10315
R-3i	7701	215.2	07/20/07	WG	Temperature	20.8	deg C	FU070700G3iR01
R-3i	7701	215.2	07/22/09	WG	Turbidity	1.83	NTU	CAPU-09-11231
R-3i	7701	215.2	01/20/09	WG	Turbidity	0.57	NTU	CAPU-09-1784
R-3i	7701	215.2	09/03/08	WG	Turbidity	0.99	NTU	CAPU-08-14785
R-3i	7701	215.2	01/16/08	WG	Turbidity	0.99	NTU	CAPU-08-10315
R-3i	7701	215.2	07/20/07	WG	Turbidity	4.6	NTU	FU070700G3iR01
R-4	1721	792.9	07/16/09	WG	Dissolved Oxygen	4.96	mg/L	CAPU-09-11263
R-4	1721	792.9	01/22/09	WG	Dissolved Oxygen	3.84	mg/L	CAPU-09-1799
R-4	1721	792.9	08/26/08	WG	Dissolved Oxygen	5.36	mg/L	CAPU-08-14796
R-4	1721	792.9	01/22/08	WG	Dissolved Oxygen	5.4	mg/L	CAPU-08-9891
R-4	1721	792.9	07/18/07	WG	Dissolved Oxygen	3.17	mg/L	FU070700G04R01
R-4	1721	792.9	07/16/09	WG	Oxidation Reduction Potential	439.3	mV	CAPU-09-11263
R-4	1721	792.9	01/22/09	WG	Oxidation Reduction Potential	339.1	mV	CAPU-09-1799
R-4	1721	792.9	08/26/08	WG	Oxidation Reduction Potential	164	mV	CAPU-08-14796
R-4	1721	792.9	01/22/08	WG	Oxidation Reduction Potential	270	mV	CAPU-08-9891
R-4	1721	792.9	07/18/07	WG	Oxidation Reduction Potential	199	mV	FU070700G04R01
R-4	1721	792.9	07/16/09	WG	pH	7.76	SU	CAPU-09-11263
R-4	1721	792.9	01/22/09	WG	pH	7.85	SU	CAPU-09-1799
R-4	1721	792.9	08/26/08	WG	pH	7.9	SU	CAPU-08-14796
R-4	1721	792.9	01/22/08	WG	pH	7.54	SU	CAPU-08-9891
R-4	1721	792.9	07/18/07	WG	pH	7.85	SU	FU070700G04R01
R-4	1721	792.9	07/16/09	WG	Specific Conductance	187	µS/cm	CAPU-09-11263
R-4	1721	792.9	01/22/09	WG	Specific Conductance	179	µS/cm	CAPU-09-1799
R-4	1721	792.9	08/26/08	WG	Specific Conductance	151.6	µS/cm	CAPU-08-14796

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-4	1721	792.9	01/22/08	WG	Specific Conductance	147.9	µS/cm	CAPU-08-9891
R-4	1721	792.9	07/18/07	WG	Specific Conductance	164.6	µS/cm	FU070700G04R01
R-4	1721	792.9	07/16/09	WG	Temperature	25.59	deg C	CAPU-09-11263
R-4	1721	792.9	01/22/09	WG	Temperature	23.79	deg C	CAPU-09-1799
R-4	1721	792.9	08/26/08	WG	Temperature	25.3	deg C	CAPU-08-14796
R-4	1721	792.9	01/22/08	WG	Temperature	27.9	deg C	CAPU-08-9891
R-4	1721	792.9	07/18/07	WG	Temperature	25.9	deg C	FU070700G04R01
R-4	1721	792.9	07/16/09	WG	Turbidity	0.52	NTU	CAPU-09-11263
R-4	1721	792.9	01/22/09	WG	Turbidity	0.38	NTU	CAPU-09-1799
R-4	1721	792.9	08/26/08	WG	Turbidity	0.32	NTU	CAPU-08-14796
R-4	1721	792.9	01/22/08	WG	Turbidity	0.16	NTU	CAPU-08-9891
R-4	1721	792.9	07/18/07	WG	Turbidity	0.27	NTU	FU070700G04R01
R-5	2452	383.9	07/22/09	WG	Dissolved Oxygen	7.79	mg/L	CAPU-09-11247
R-5	2452	383.9	01/14/09	WG	Dissolved Oxygen	7.59	mg/L	CAPU-09-1781
R-5	2452	383.9	08/26/08	WG	Dissolved Oxygen	8.6	mg/L	CAPU-08-14776
R-5	2452	383.9	05/02/05	WG	Dissolved Oxygen	5.16	mg/L	FU0504G05R201
R-5	2452	383.9	09/27/04	WG	Dissolved Oxygen	9.7	mg/L	GU0409G05R201
R-5	2452	383.9	07/22/09	WG	pH	7.47	SU	CAPU-09-11247
R-5	2452	383.9	01/14/09	WG	pH	7.88	SU	CAPU-09-1781
R-5	2452	383.9	08/26/08	WG	pH	8.29	SU	CAPU-08-14776
R-5	2452	383.9	07/22/09	WG	Specific Conductance	235	µS/cm	CAPU-09-11247
R-5	2452	383.9	01/14/09	WG	Specific Conductance	603	µS/cm	CAPU-09-1781
R-5	2452	383.9	08/26/08	WG	Specific Conductance	274	µS/cm	CAPU-08-14776
R-5	2452	383.9	07/22/09	WG	Temperature	20.22	deg C	CAPU-09-11247
R-5	2452	383.9	01/14/09	WG	Temperature	14.65	deg C	CAPU-09-1781
R-5	2452	383.9	08/26/08	WG	Temperature	21.2	deg C	CAPU-08-14776
R-5	2452	383.9	07/16/07	WG	Temperature	24.8	deg C	FU07070G05R201
R-5	2452	383.9	04/17/07	WG	Temperature	17.9	deg C	FU07040G05R201

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-5	2452	383.9	07/22/09	WG	Turbidity	0.91	NTU	CAPU-09-11247
R-5	2452	383.9	01/14/09	WG	Turbidity	2.52	NTU	CAPU-09-1781
R-5	2452	383.9	08/26/08	WG	Turbidity	81	NTU	CAPU-08-14776
R-5	2452	383.9	07/16/07	WG	Turbidity	0.28	NTU	FU07070G05R201
R-5	2452	383.9	04/17/07	WG	Turbidity	0.21	NTU	FU07040G05R201
R-5	2512	718.6	01/14/09	WG	pH	7.22	SU	CAPU-09-1795
R-5	2512	718.6	08/27/08	WG	pH	8.37	SU	CAPU-08-14801
R-5	2512	718.6	01/14/09	WG	Specific Conductance	499	µS/cm	CAPU-09-1795
R-5	2512	718.6	08/27/08	WG	Specific Conductance	254	µS/cm	CAPU-08-14801
R-5	2552	860.9	07/23/09	WG	Dissolved Oxygen	4.9	mg/L	CAPU-09-11255
R-5	2552	860.9	01/12/09	WG	Dissolved Oxygen	4.9	mg/L	CAPU-09-1805
R-5	2552	860.9	08/26/08	WG	Dissolved Oxygen	6.1	mg/L	CAPU-08-14851
R-5	2552	860.9	05/05/05	WG	Dissolved Oxygen	6.63	mg/L	FU0504G05R401
R-5	2552	860.9	09/30/04	WG	Dissolved Oxygen	9	mg/L	GU0409G05R401
R-5	2552	860.9	07/23/09	WG	pH	8.09	SU	CAPU-09-11255
R-5	2552	860.9	01/12/09	WG	pH	8.16	SU	CAPU-09-1805
R-5	2552	860.9	08/26/08	WG	pH	8.02	SU	CAPU-08-14851
R-5	2552	860.9	07/23/09	WG	Specific Conductance	124	µS/cm	CAPU-09-11255
R-5	2552	860.9	01/12/09	WG	Specific Conductance	242	µS/cm	CAPU-09-1805
R-5	2552	860.9	08/26/08	WG	Specific Conductance	250	µS/cm	CAPU-08-14851
R-5	2552	860.9	07/23/09	WG	Temperature	22.95	deg C	CAPU-09-11255
R-5	2552	860.9	01/12/09	WG	Temperature	20.08	deg C	CAPU-09-1805
R-5	2552	860.9	08/26/08	WG	Temperature	23.9	deg C	CAPU-08-14851
R-5	2552	860.9	07/16/07	WG	Temperature	26.5	deg C	FU07070G05R401
R-5	2552	860.9	04/17/07	WG	Temperature	22	deg C	FU07040G05R401
R-5	2552	860.9	07/23/09	WG	Turbidity	1.66	NTU	CAPU-09-11255
R-5	2552	860.9	01/12/09	WG	Turbidity	0.8	NTU	CAPU-09-1805
R-5	2552	860.9	08/26/08	WG	Turbidity	1.15	NTU	CAPU-08-14851

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-5	2552	860.9	07/16/07	WG	Turbidity	0.48	NTU	FU07070G05R401
R-5	2552	860.9	04/17/07	WG	Turbidity	0.21	NTU	FU07040G05R401
R-6	5871	1205	07/14/09	WG	Dissolved Oxygen	3.48	mg/L	CALA-09-11164
R-6	5871	1205	01/20/09	WG	Dissolved Oxygen	4.32	mg/L	CALA-09-1759
R-6	5871	1205	08/27/08	WG	Dissolved Oxygen	4.06	mg/L	CALA-08-13902
R-6	5871	1205	01/17/08	WG	Dissolved Oxygen	4.1	mg/L	CALA-08-9939
R-6	5871	1205	07/17/07	WG	Dissolved Oxygen	3.09	mg/L	FU070700G06R01
R-6	5871	1205	07/14/09	WG	Oxidation Reduction Potential	204.5	mV	CALA-09-11164
R-6	5871	1205	01/20/09	WG	Oxidation Reduction Potential	219.8	mV	CALA-09-1759
R-6	5871	1205	08/27/08	WG	Oxidation Reduction Potential	52	mV	CALA-08-13902
R-6	5871	1205	01/17/08	WG	Oxidation Reduction Potential	200	mV	CALA-08-9939
R-6	5871	1205	07/17/07	WG	Oxidation Reduction Potential	284	mV	FU070700G06R01
R-6	5871	1205	07/14/09	WG	pH	8.14	SU	CALA-09-11164
R-6	5871	1205	01/20/09	WG	pH	8.21	SU	CALA-09-1759
R-6	5871	1205	08/27/08	WG	pH	8.33	SU	CALA-08-13902
R-6	5871	1205	01/17/08	WG	pH	8.43	SU	CALA-08-9939
R-6	5871	1205	07/17/07	WG	pH	8.36	SU	FU070700G06R01
R-6	5871	1205	07/14/09	WG	Specific Conductance	153	µS/cm	CALA-09-11164
R-6	5871	1205	01/20/09	WG	Specific Conductance	145	µS/cm	CALA-09-1759
R-6	5871	1205	08/27/08	WG	Specific Conductance	129.3	µS/cm	CALA-08-13902
R-6	5871	1205	01/17/08	WG	Specific Conductance	144.9	µS/cm	CALA-08-9939
R-6	5871	1205	07/17/07	WG	Specific Conductance	149.5	µS/cm	FU070700G06R01
R-6	5871	1205	07/14/09	WG	Temperature	22.92	deg C	CALA-09-11164
R-6	5871	1205	01/20/09	WG	Temperature	22.41	deg C	CALA-09-1759
R-6	5871	1205	08/27/08	WG	Temperature	23	deg C	CALA-08-13902
R-6	5871	1205	01/17/08	WG	Temperature	21	deg C	CALA-08-9939
R-6	5871	1205	07/17/07	WG	Temperature	23.8	deg C	FU070700G06R01
R-6	5871	1205	07/14/09	WG	Turbidity	0.53	NTU	CALA-09-11164

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-6	5871	1205	01/20/09	WG	Turbidity	0.35	NTU	CALA-09-1759
R-6	5871	1205	08/27/08	WG	Turbidity	0.43	NTU	CALA-08-13902
R-6	5871	1205	01/17/08	WG	Turbidity	0.36	NTU	CALA-08-9939
R-6	5871	1205	07/17/07	WG	Turbidity	0.8	NTU	FU070700G06R01
R-6i	5881	602	07/14/09	WG	Dissolved Oxygen	6.76	mg/L	CALA-09-11157
R-6i	5881	602	01/20/09	WG	Dissolved Oxygen	6.9	mg/L	CALA-09-1741
R-6i	5881	602	08/27/08	WG	Dissolved Oxygen	5.71	mg/L	CALA-08-13889
R-6i	5881	602	01/23/08	WG	Dissolved Oxygen	6.5	mg/L	CALA-08-9860
R-6i	5881	602	07/17/07	WG	Dissolved Oxygen	3.81	mg/L	FU070700G6IR01
R-6i	5881	602	07/14/09	WG	Oxidation Reduction Potential	383.2	mV	CALA-09-11157
R-6i	5881	602	01/20/09	WG	Oxidation Reduction Potential	226.6	mV	CALA-09-1741
R-6i	5881	602	08/27/08	WG	Oxidation Reduction Potential	125	mV	CALA-08-13889
R-6i	5881	602	01/23/08	WG	Oxidation Reduction Potential	208	mV	CALA-08-9860
R-6i	5881	602	07/17/07	WG	Oxidation Reduction Potential	157	mV	FU070700G6IR01
R-6i	5881	602	07/14/09	WG	pH	6.94	SU	CALA-09-11157
R-6i	5881	602	01/20/09	WG	pH	7.3	SU	CALA-09-1741
R-6i	5881	602	08/27/08	WG	pH	7.43	SU	CALA-08-13889
R-6i	5881	602	01/23/08	WG	pH	7.38	SU	CALA-08-9860
R-6i	5881	602	07/17/07	WG	pH	7.29	SU	FU070700G6IR01
R-6i	5881	602	07/14/09	WG	Specific Conductance	224	µS/cm	CALA-09-11157
R-6i	5881	602	01/20/09	WG	Specific Conductance	196	µS/cm	CALA-09-1741
R-6i	5881	602	08/27/08	WG	Specific Conductance	216	µS/cm	CALA-08-13889
R-6i	5881	602	01/23/08	WG	Specific Conductance	238	µS/cm	CALA-08-9860
R-6i	5881	602	07/17/07	WG	Specific Conductance	252	µS/cm	FU070700G6IR01
R-6i	5881	602	07/14/09	WG	Temperature	17.88	deg C	CALA-09-11157
R-6i	5881	602	01/20/09	WG	Temperature	14.26	deg C	CALA-09-1741
R-6i	5881	602	08/27/08	WG	Temperature	18	deg C	CALA-08-13889
R-6i	5881	602	01/23/08	WG	Temperature	16.4	deg C	CALA-08-9860

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-6i	5881	602	07/17/07	WG	Temperature	19.5	deg C	FU070700G6IR01
R-6i	5881	602	07/14/09	WG	Turbidity	0.63	NTU	CALA-09-11157
R-6i	5881	602	01/20/09	WG	Turbidity	0.64	NTU	CALA-09-1741
R-6i	5881	602	08/27/08	WG	Turbidity	1.02	NTU	CALA-08-13889
R-6i	5881	602	01/23/08	WG	Turbidity	0.79	NTU	CALA-08-9860
R-6i	5881	602	07/17/07	WG	Turbidity	0.81	NTU	FU070700G6IR01
R-8	2302	711.1	01/08/09	WG	pH	8.41	SU	CALA-09-1761
R-8	2302	711.1	09/04/08	WG	pH	8.29	SU	CALA-08-13906
R-8	2302	711.1	01/08/09	WG	Specific Conductance	260	µS/cm	CALA-09-1761
R-8	2302	711.1	09/04/08	WG	Specific Conductance	146.7	µS/cm	CALA-08-13906
R-8	2372	825	07/09/09	WG	Dissolved Oxygen	7.87	mg/L	CALA-09-11176
R-8	2372	825	01/08/09	WG	Dissolved Oxygen	9.57	mg/L	CALA-09-1749
R-8	2372	825	09/03/08	WG	Dissolved Oxygen	4.39	mg/L	CALA-08-13908
R-8	2372	825	01/15/08	WG	Dissolved Oxygen	9.1	mg/L	CALA-08-9940
R-8	2372	825	04/28/05	WG	Dissolved Oxygen	8.7	mg/L	FU0504G08R201
R-8	2372	825	07/09/09	WG	pH	8.59	SU	CALA-09-11176
R-8	2372	825	01/08/09	WG	pH	8.41	SU	CALA-09-1749
R-8	2372	825	09/03/08	WG	pH	8.75	SU	CALA-08-13908
R-8	2372	825	01/15/08	WG	pH	8.92	SU	CALA-08-9940
R-8	2372	825	07/09/09	WG	Specific Conductance	123	µS/cm	CALA-09-11176
R-8	2372	825	01/08/09	WG	Specific Conductance	366	µS/cm	CALA-09-1749
R-8	2372	825	09/03/08	WG	Specific Conductance	189.1	µS/cm	CALA-08-13908
R-8	2372	825	01/15/08	WG	Specific Conductance	165.3	µS/cm	CALA-08-9940
R-8	2372	825	07/09/09	WG	Temperature	23.81	deg C	CALA-09-11176
R-8	2372	825	01/08/09	WG	Temperature	15.07	deg C	CALA-09-1749
R-8	2372	825	09/03/08	WG	Temperature	21.2	deg C	CALA-08-13908
R-8	2372	825	01/15/08	WG	Temperature	14.8	deg C	CALA-08-9940
R-8	2372	825	07/25/07	WG	Temperature	23.3	deg C	FU07070G08R201

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-8	2372	825	07/09/09	WG	Turbidity	3.86	NTU	CALA-09-11176
R-8	2372	825	01/08/09	WG	Turbidity	5.03	NTU	CALA-09-1749
R-8	2372	825	09/03/08	WG	Turbidity	0.41	NTU	CALA-08-13908
R-8	2372	825	01/15/08	WG	Turbidity	0.65	NTU	CALA-08-9940
R-8	2372	825	07/25/07	WG	Turbidity	0.4	NTU	FU07070G08R201
R-9	1731	684	07/13/09	WG	Dissolved Oxygen	5.13	mg/L	CALA-09-11165
R-9	1731	684	01/08/09	WG	Dissolved Oxygen	5.05	mg/L	CALA-09-1764
R-9	1731	684	08/26/08	WG	Dissolved Oxygen	4.45	mg/L	CALA-08-13913
R-9	1731	684	01/10/08	WG	Dissolved Oxygen	5.2	mg/L	CALA-08-9875
R-9	1731	684	07/19/07	WG	Dissolved Oxygen	3.12	mg/L	FU07070G09R01
R-9	1731	684	07/13/09	WG	Oxidation Reduction Potential	293.7	mV	CALA-09-11165
R-9	1731	684	01/08/09	WG	Oxidation Reduction Potential	421.5	mV	CALA-09-1764
R-9	1731	684	08/26/08	WG	Oxidation Reduction Potential	202	mV	CALA-08-13913
R-9	1731	684	01/10/08	WG	Oxidation Reduction Potential	434	mV	CALA-08-9875
R-9	1731	684	07/19/07	WG	Oxidation Reduction Potential	235	mV	FU07070G09R01
R-9	1731	684	07/13/09	WG	pH	7.9	SU	CALA-09-11165
R-9	1731	684	01/08/09	WG	pH	7.84	SU	CALA-09-1764
R-9	1731	684	08/26/08	WG	pH	8.04	SU	CALA-08-13913
R-9	1731	684	01/10/08	WG	pH	8.06	SU	CALA-08-9875
R-9	1731	684	07/19/07	WG	pH	8.08	SU	FU07070G09R01
R-9	1731	684	07/13/09	WG	Specific Conductance	237	µS/cm	CALA-09-11165
R-9	1731	684	01/08/09	WG	Specific Conductance	496	µS/cm	CALA-09-1764
R-9	1731	684	08/26/08	WG	Specific Conductance	214	µS/cm	CALA-08-13913
R-9	1731	684	01/10/08	WG	Specific Conductance	231	µS/cm	CALA-08-9875
R-9	1731	684	07/19/07	WG	Specific Conductance	144.5	µS/cm	FU07070G09R01
R-9	1731	684	07/13/09	WG	Temperature	22.59	deg C	CALA-09-11165
R-9	1731	684	01/08/09	WG	Temperature	21.58	deg C	CALA-09-1764
R-9	1731	684	08/26/08	WG	Temperature	22.7	deg C	CALA-08-13913

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-9	1731	684	01/10/08	WG	Temperature	21.5	deg C	CALA-08-9875
R-9	1731	684	07/19/07	WG	Temperature	23.1	deg C	FU070700G09R01
R-9	1731	684	07/13/09	WG	Turbidity	0.43	NTU	CALA-09-11165
R-9	1731	684	01/08/09	WG	Turbidity	1	NTU	CALA-09-1764
R-9	1731	684	08/26/08	WG	Turbidity	0.42	NTU	CALA-08-13913
R-9	1731	684	01/10/08	WG	Turbidity	0.27	NTU	CALA-08-9875
R-9	1731	684	07/19/07	WG	Turbidity	0.2	NTU	FU070700G09R01
R-9i	552	198.8	07/08/09	WG	Dissolved Oxygen	4.66	mg/L	CALA-09-11139
R-9i	552	198.8	01/08/09	WG	Dissolved Oxygen	4.01	mg/L	CALA-09-1727
R-9i	552	198.8	08/29/08	WG	Dissolved Oxygen	4.5	mg/L	CALA-08-13878
R-9i	552	198.8	01/22/08	WG	Dissolved Oxygen	3.1	mg/L	CALA-08-9935
R-9i	552	198.8	04/29/05	WG	Dissolved Oxygen	8.2	mg/L	FU0504G9iR101
R-9i	552	198.8	07/08/09	WG	pH	7.57	SU	CALA-09-11139
R-9i	552	198.8	01/08/09	WG	pH	6.98	SU	CALA-09-1727
R-9i	552	198.8	08/29/08	WG	pH	8.1	SU	CALA-08-13878
R-9i	552	198.8	01/22/08	WG	pH	6.81	SU	CALA-08-9935
R-9i	552	198.8	07/08/09	WG	Specific Conductance	242	µS/cm	CALA-09-11139
R-9i	552	198.8	01/08/09	WG	Specific Conductance	233	µS/cm	CALA-09-1727
R-9i	552	198.8	08/29/08	WG	Specific Conductance	275	µS/cm	CALA-08-13878
R-9i	552	198.8	01/22/08	WG	Specific Conductance	269	µS/cm	CALA-08-9935
R-9i	552	198.8	07/08/09	WG	Temperature	18.31	deg C	CALA-09-11139
R-9i	552	198.8	01/08/09	WG	Temperature	11.46	deg C	CALA-09-1727
R-9i	552	198.8	08/29/08	WG	Temperature	4.9	deg C	CALA-08-13878
R-9i	552	198.8	01/22/08	WG	Temperature	11.6	deg C	CALA-08-9935
R-9i	552	198.8	07/27/07	WG	Temperature	21.7	deg C	FU07070G9iR101
R-9i	552	198.8	07/08/09	WG	Turbidity	1.26	NTU	CALA-09-11139
R-9i	552	198.8	01/08/09	WG	Turbidity	0.8	NTU	CALA-09-1727
R-9i	552	198.8	08/29/08	WG	Turbidity	2.6	NTU	CALA-08-13878

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-9i	552	198.8	01/22/08	WG	Turbidity	0.39	NTU	CALA-08-9935
R-9i	552	198.8	07/27/07	WG	Turbidity	1.46	NTU	FU07070G9iR101
R-9i	602	278.8	07/08/09	WG	Dissolved Oxygen	5.79	mg/L	CALA-09-11146
R-9i	602	278.8	01/08/09	WG	Dissolved Oxygen	3.27	mg/L	CALA-09-1729
R-9i	602	278.8	09/02/08	WG	Dissolved Oxygen	6	mg/L	CALA-08-13881
R-9i	602	278.8	01/22/08	WG	Dissolved Oxygen	3.7	mg/L	CALA-08-9936
R-9i	602	278.8	07/29/02	WG	Dissolved Oxygen	2.34	mg/L	FU0207G9iR201
R-9i	602	278.8	07/08/09	WG	pH	8.76	SU	CALA-09-11146
R-9i	602	278.8	01/08/09	WG	pH	8.76	SU	CALA-09-1729
R-9i	602	278.8	09/02/08	WG	pH	8.5	SU	CALA-08-13881
R-9i	602	278.8	01/22/08	WG	pH	8.3	SU	CALA-08-9936
R-9i	602	278.8	07/08/09	WG	Specific Conductance	169	µS/cm	CALA-09-11146
R-9i	602	278.8	01/08/09	WG	Specific Conductance	168	µS/cm	CALA-09-1729
R-9i	602	278.8	09/02/08	WG	Specific Conductance	193.2	µS/cm	CALA-08-13881
R-9i	602	278.8	01/22/08	WG	Specific Conductance	167.3	µS/cm	CALA-08-9936
R-9i	602	278.8	07/08/09	WG	Temperature	18.82	deg C	CALA-09-11146
R-9i	602	278.8	01/08/09	WG	Temperature	11.8	deg C	CALA-09-1729
R-9i	602	278.8	09/02/08	WG	Temperature	17.5	deg C	CALA-08-13881
R-9i	602	278.8	01/22/08	WG	Temperature	13.5	deg C	CALA-08-9936
R-9i	602	278.8	07/27/07	WG	Temperature	24.5	deg C	FU07070G9iR201
R-9i	602	278.8	07/08/09	WG	Turbidity	0.99	NTU	CALA-09-11146
R-9i	602	278.8	01/08/09	WG	Turbidity	0.42	NTU	CALA-09-1729
R-9i	602	278.8	09/02/08	WG	Turbidity	0.67	NTU	CALA-08-13881
R-9i	602	278.8	01/22/08	WG	Turbidity	0.35	NTU	CALA-08-9936
R-9i	602	278.8	07/27/07	WG	Turbidity	0.34	NTU	FU07070G9iR201
TA-53i	8801	600	07/20/09	WG	Dissolved Oxygen	7.11	mg/L	CALA-09-11335
TA-53i	8801	600	05/21/09	WG	Dissolved Oxygen	6.72	mg/L	CASA-09-9285
TA-53i	8801	600	07/20/09	WG	Oxidation Reduction Potential	117.7	mV	CALA-09-11335

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
TA-53i	8801	600	05/21/09	WG	Oxidation Reduction Potential	202.8	mV	CASA-09-9285
TA-53i	8801	600	07/20/09	WG	pH	7.03	SU	CALA-09-11335
TA-53i	8801	600	05/21/09	WG	pH	6.87	SU	CASA-09-9285
TA-53i	8801	600	07/20/09	WG	Specific Conductance	291	µS/cm	CALA-09-11335
TA-53i	8801	600	05/21/09	WG	Specific Conductance	268	µS/cm	CASA-09-9285
TA-53i	8801	600	07/20/09	WG	Temperature	15.75	deg C	CALA-09-11335
TA-53i	8801	600	05/21/09	WG	Temperature	15.52	deg C	CASA-09-9285
TA-53i	8801	600	07/20/09	WG	Turbidity	2.5	NTU	CALA-09-11335
TA-53i	8801	600	05/21/09	WG	Turbidity	3.91	NTU	CASA-09-9285
Test Well 2A	4281	123	07/21/09	WG	Dissolved Oxygen	1.02	mg/L	CAPU-09-11338
Test Well 2A	4281	123	05/16/05	WG	Dissolved Oxygen	1.45	mg/L	FU05050GA2T01
Test Well 2A	4281	123	07/21/09	WG	Oxidation Reduction Potential	-23.2	mV	CAPU-09-11338
Test Well 2A	4281	123	07/21/09	WG	pH	6.72	SU	CAPU-09-11338
Test Well 2A	4281	123	05/16/05	WG	pH	6.76	SU	FU05050GA2T01
Test Well 2A	4281	123	07/21/09	WG	Specific Conductance	50	µS/cm	CAPU-09-11338
Test Well 2A	4281	123	05/16/05	WG	Specific Conductance	653	µS/cm	FU05050GA2T01
Test Well 2A	4281	123	07/21/09	WG	Temperature	14.04	deg C	CAPU-09-11338
Test Well 2A	4281	123	05/16/05	WG	Temperature	13.7	deg C	FU05050GA2T01
Test Well 2A	4281	123	07/21/09	WG	Turbidity	401	NTU	CAPU-09-11338
Test Well 2A	4281	123	05/16/05	WG	Turbidity	9.74	NTU	FU05050GA2T01
Test Well 3	4461	805	07/22/09	WG	Dissolved Oxygen	4.66	mg/L	CALA-09-11161
Test Well 3	4461	805	01/19/06	WG	Dissolved Oxygen	0.08	mg/L	FU06010G3WT01
Test Well 3	4461	805	08/11/05	WG	Dissolved Oxygen	0.41	mg/L	FU05080G3WT01
Test Well 3	4461	805	04/29/05	WG	Dissolved Oxygen	1.97	mg/L	FU05040G3WT02
Test Well 3	4461	805	04/06/05	WG	Dissolved Oxygen	1.43	mg/L	FU05040G3WT01
Test Well 3	4461	805	07/22/09	WG	Oxidation Reduction Potential	429.8	mV	CALA-09-11161
Test Well 3	4461	805	01/19/06	WG	Oxidation Reduction Potential	-152.4	mV	FU06010G3WT01
Test Well 3	4461	805	08/11/05	WG	Oxidation Reduction Potential	-92.2	mV	FU05080G3WT01

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Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Test Well 3	4461	805	07/22/09	WG	pH	9.13	SU	CALA-09-11161
Test Well 3	4461	805	01/19/06	WG	pH	7.73	SU	FU06010G3WT01
Test Well 3	4461	805	08/11/05	WG	pH	7.87	SU	FU05080G3WT01
Test Well 3	4461	805	04/29/05	WG	pH	7.75	SU	FU05040G3WT02
Test Well 3	4461	805	04/06/05	WG	pH	7.8	SU	FU05040G3WT01
Test Well 3	4461	805	07/22/09	WG	Specific Conductance	177	µS/cm	CALA-09-11161
Test Well 3	4461	805	01/19/06	WG	Specific Conductance	187.4	µS/cm	FU06010G3WT01
Test Well 3	4461	805	08/11/05	WG	Specific Conductance	171.2	µS/cm	FU05080G3WT01
Test Well 3	4461	805	04/29/05	WG	Specific Conductance	175.9	µS/cm	FU05040G3WT02
Test Well 3	4461	805	04/06/05	WG	Specific Conductance	157.9	µS/cm	FU05040G3WT01
Test Well 3	4461	805	07/22/09	WG	Temperature	20	deg C	CALA-09-11161
Test Well 3	4461	805	01/19/06	WG	Temperature	14.9	deg C	FU06010G3WT01
Test Well 3	4461	805	08/11/05	WG	Temperature	14.8	deg C	FU05080G3WT01
Test Well 3	4461	805	04/29/05	WG	Temperature	14.1	deg C	FU05040G3WT02
Test Well 3	4461	805	04/06/05	WG	Temperature	13.5	deg C	FU05040G3WT01
Test Well 3	4461	805	07/22/09	WG	Turbidity	3.04	NTU	CALA-09-11161
Test Well 3	4461	805	01/19/06	WG	Turbidity	9.2	NTU	FU06010G3WT01
Test Well 3	4461	805	08/11/05	WG	Turbidity	35.4	NTU	FU05080G3WT01
Test Well 3	4461	805	04/29/05	WG	Turbidity	47.8	NTU	FU05040G3WT02
Test Well 3	4461	805	09/29/04	WG	Turbidity	1.28	NTU	FU04090G3WT01

— = Not applicable.

µS/cm = Microsiemens per centimeter.

mV = Millivolt.

NTU = Nephelometric turbidity unit.

SU = Standard unit.

WG = Groundwater.

WM = Snowmelt.

WS = Surface water.

WP = Persistent water.

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Appendix B

*Groundwater-Elevation Measurements
(on CD included with this document)*

Appendix C

Analytical Chemistry Results

The following symbols, abbreviations, and acronyms are used throughout Appendix C.

<	Based on qualifiers, the result was a nondetection.
—	none
*	(Inorganic) The result for this analyte in the Los Alamos National Laboratory (Laboratory) replicate analysis was outside acceptance criteria.
B	(Organic) This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic) The result for this analyte was greater than the instrument detection limit but less than the contract-required detection limit.
CS	client sample
CST	control sample triplicate
DUP	duplicate sample
E	(Organic) The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (inductively coupled plasma–atomic emission spectroscopy). The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (graphite furnace atomic absorption) The result for this analyte failed one or more Contract Laboratory Program acceptance criteria as explained in the case narrative.
EES6	The Laboratory’s Earth and Environmental Sciences Division (Hydrology, Geochemistry, and Geology Group)
EPA	U.S. Environmental Protection Agency
F	filtered
FD	field duplicate
FTB	field trip blank
GELC	General Engineering Laboratories
GEO	Geochron Analytical Laboratory
H	(Organic/Inorganic) The required extraction or analysis holding time for this result was exceeded.
HUFFMAN	Huffman Analytical Laboratory
Inorg	inorganic
J	(Organic/General Inorganics) The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit.
J-	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected negative bias.

J+	The analyte is classified as detected, but the reported concentration value is expected to be more uncertain than usual with a potential positive bias.
LLEE	low-level electrolytic extraction
LT	(Rad) The result for this analyte is affected by spectral interference.
JN-	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected negative bias.
JN+	Presumptive evidence of the presence of the material is at an estimated quantity with a suspected positive bias.
MDA	minimum detectable activity
MDL	method detection limit
Met	metals
mV	millivolt
n/a	not applicable
NQ	No validation qualifier flag is associated with this result, and the analyte is classified as detected.
PARA	Paragon Analytical Laboratory
R	rejected
Rad	radionuclides
STSL	Severn Trent St. Louis Analytical Laboratory
SV	semivolatile organics
TPU	total propagated uncertainty
U	not detected
UF	unfiltered
UMTL	University of Miami Tritium Laboratory
VOA	volatile organic analysis
WG	groundwater
WM	snowmelt
WP	persistent water
WS	surface water

Table C-1 Previously Unreported Data

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
APCO-1	5211	4.7	8/1/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.92	0.063	—	—	permil	—	—	19324	EF070700G1PA01	EES6
APCO-1	5211	4.7	8/1/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.43	0.03	—	—	permil	—	—	19276	EU070700G1PA01	EES6
APCO-1	5211	4.7	8/8/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.94	0.043	—	—	permil	—	—	13062	EU060700G1PA01	EES6
Acid above Pueblo	—	—	7/25/2007	WP	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.11	0.01	—	—	permil	—	—	19388	EF070700P05601	EES6
Acid above Pueblo	—	—	7/25/2007	WP	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.39	0.05	—	—	permil	—	—	19287	EU070700P05601	EES6
Acid above Pueblo	—	—	7/27/2006	WP	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.33	0.02	—	—	permil	—	—	13139	EU060700P05601	EES6
Basalt Spring	—	—	8/25/2008	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	21.62	—	—	—	permil	—	—	08-1765	CALA-08-13920	EES6
Basalt Spring	—	—	8/25/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.65	—	—	—	permil	—	—	08-1765	CALA-08-13921	EES6
Basalt Spring	—	—	8/8/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.15	0.043	—	—	permil	—	—	13082	EU060700GGSB01	EES6
DP Spring	—	—	7/23/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.85	0.013	—	—	permil	—	—	19312	EF070700GSPD01	EES6
DP Spring	—	—	7/23/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.29	0.05	—	—	permil	—	—	19263	EU070700GSPD01	EES6
DP Spring	—	—	8/3/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.44	0.03	—	—	permil	—	—	13081	EU060700GSPD01	EES6
GU-0.01 Spring	—	—	7/31/2007	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.94	0.0167	—	—	permil	—	—	19314	EF070700GU0120	EES6
GU-0.01 Spring	—	—	7/31/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.58	0.0167	—	—	permil	—	—	19313	EF070700GU0101	EES6
GU-0.01 Spring	—	—	7/31/2007	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.94	0.03	—	—	permil	—	—	19265	EU070700GU0120	EES6
GU-0.01 Spring	—	—	7/31/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.18	0.03	—	—	permil	—	—	19264	EU070700GU0101	EES6
GU-0.01 Spring	—	—	8/8/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.75	0.043	—	—	permil	—	—	13083	EU060700GU0101	EES6
LADP-3	5411	316	9/4/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-74.93	—	—	—	permil	—	—	08-1853	CALA-08-13883	EES6
LADP-3	5411	316	9/4/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.24	0.03	—	—	permil	—	—	08-1853	CALA-08-13883	EES6
LAO-0.3	5511	5.9	9/2/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-67.5	—	—	—	permil	—	—	08-1824	CALA-08-13845	EES6
LAO-0.3	5511	5.9	7/17/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-74.05	0.0567	—	—	permil	—	—	19085	EU070700GLA0301	EES6
LAO-0.3	5511	5.9	7/31/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-67.71	0.013	—	—	permil	—	—	13178	EU060700GLA0301	EES6
LAO-0.3	5511	5.9	9/2/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.56	—	—	—	permil	—	—	08-1824	CALA-08-13845	EES6
LAO-0.3	5511	5.9	7/17/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.5	0.05	—	—	permil	—	—	19250	EU070700GLA0301	EES6
LAO-0.3	5511	5.9	7/31/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.77	0.03	—	—	permil	—	—	13042	EU060700GLA0301	EES6
LAO-0.6	6701	8	8/29/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-68.53	0.297	—	—	permil	—	—	08-1816	CALA-08-13821	EES6
LAO-0.6	6701	8	7/17/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-74.52	0.143	—	—	permil	—	—	19084	EU070700GLA0601	EES6
LAO-0.6	6701	8	8/3/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-64.69	0.13	—	—	permil	—	—	13179	EU060700GLA0601	EES6
LAO-0.6	6701	8	8/29/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.52	0.0467	—	—	permil	—	—	08-1816	CALA-08-13821	EES6
LAO-0.6	6701	8	7/17/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.53	0.05	—	—	permil	—	—	19249	EU070700GLA0601	EES6
LAO-0.6	6701	8	8/3/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.41	0.03	—	—	permil	—	—	13043	EU060700GLA0601	EES6
LAO-1	4381	8	9/2/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.19	—	—	—	permil	—	—	08-1824	CALA-08-13823	EES6
LAO-1	4381	8	9/2/2008	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.71	—	—	—	permil	—	—	08-1824	CALA-08-13824	EES6
LAO-1	4381	8	9/2/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.91	—	—	—	permil	—	—	08-1824	CALA-08-13823	EES6
LAO-1	4381	8	8/1/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.69	0.03	—	—	permil	—	—	19248	EU070700G1OL01	EES6
LAO-1.6g	5551	10.47	7/18/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-54.85	0.167	—	—	permil	—	—	19086	EU070700G16G01	EES6
LAO-1.6g	5551	10.47	8/1/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-72.93	0.0067	—	—	permil	—	—	13180	EU060700G16G01	EES6
LAO-1.6g	5551	10.47	7/18/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.58	0.05	—	—	permil	—	—	19251	EU070700G16G01	EES6
LAO-1.6g	5551	10.47	8/1/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.38	0.03	—	—	permil	—	—	13044	EU060700G16G01	EES6
LAO-2	4391	7	7/23/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.25	0.013	—	—	permil	—	—	19303	EF070700G2OL01	EES6
LAO-2	4391	7	7/23/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.32	0.05	—	—	permil	—	—	19254	EU070700G2OL01	EES6
LAO-2	4391	7	7/27/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.11	0.02	—	—	permil	—	—	13054	EU060700G2OL01	EES6
LAO-3a	4401	4.7	9/2/2008	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-72.76	—	—	—	permil	—	—	08-1824	CALA-08-13863	EES6
LAO-3a	4401	4.7	9/2/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-72.46	—	—	—	permil	—	—	08-1824	CALA-08-13860	EES6
LAO-3a	4401	4.7	7/19/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-71.81	0.083	—	—	permil	—	—	19087	EU070700GA3L01	EES6
LAO-3a	4401	4.7	8/1/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-54.16	0.28	—	—	permil	—	—	17690	EU060700GA3L01	EES6
LAO-3a	4401	4.7	9/2/2008	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.41	—	—	—	permil	—	—	08-1824	CALA-08-13862	EES6
LAO-3a	4401	4.7	9/2/2008	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.92	—	—	—	permil	—	—	08-1824	CALA-08-13859	EES6
LAO-3a	4401	4.7	7/19/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.53	0.013	—	—	permil	—	—	19304	EF070700GA3L01	EES6
LAO-3a	4401	4.7	9/2/2008	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.46	—	—	—	permil	—	—	08-1824	CALA-08-13863	EES6
LAO-3a	4401	4.7	9/2/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.18	—	—	—	permil	—	—	08-1824	CALA-08-13860	EES6
LAO-3a	4401	4.7	7/19/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.12	0.05	—	—	permil	—	—	19255	EU070700GA3L01	EES6
LAO-3a	4401	4.7	8/1/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.18	0.03	—	—	permil	—	—	13055	EU060700GA3L01	EES6
LAO-4.5c	4431	13.3	8/29/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-71.28	0.16	—	—	permil	—	—	08-1812	CALA-08-13841	EES6
LAO-4.5c	4431	13.3	7/19/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-74.48	0.12	—	—	permil	—	—	19088	EU070700GC5401	EES6
LAO-4.5c	4431	13.3	8/29/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10	0.043	—	—	permil	—	—	08-1812	CALA-08-13841	EES6
LAO-4.5c	4431	13.3	7/19/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.51	0.05	—	—	permil	—	—	19257	EU070700GC5401	EES6

Table C-1 Previously Unreported Data

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-5	6731	5	8/3/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.58	0.03	—	—	permil	—	—	19278	EU07080GLAO501	EES6
LAO-B	5221	11.84	8/26/2008	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.29	0.0067	—	—	permil	—	—	08-1771	CALA-08-13818	EES6
LAO-B	5221	11.84	8/26/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.16	0.287	—	—	permil	—	—	08-1771	CALA-08-13815	EES6
LAO-B	5221	11.84	7/16/2007	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.34	0.113	—	—	permil	—	—	19083	EU070700GBAL20	EES6
LAO-B	5221	11.84	7/16/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.63	0.03	—	—	permil	—	—	19082	EU070700GBAL01	EES6
LAO-B	5221	11.84	8/3/2006	WG	UF	CS	FB	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.04	0.0567	—	—	permil	—	—	17711	EU060800GBAL01-FB	EES6
LAO-B	5221	11.84	8/3/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.2	0.117	—	—	permil	—	—	13177	EU060700GBAL01	EES6
LAO-B	5221	11.84	8/17/2005	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.08	0.127	—	—	permil	—	—	5804	EU05080GBAL01	EES6
LAO-B	5221	11.84	5/10/2005	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-85.74	0.03	—	—	permil	—	—	5733	EU05050GBAL01	EES6
LAO-B	5221	11.84	1/10/2000	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.8	—	—	—	Unitless	—	—	7028R	CABG-00-0021	CST
LAO-B	5221	11.84	8/26/2008	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.35	0.0367	—	—	permil	—	—	08-1771	CALA-08-13818	EES6
LAO-B	5221	11.84	8/26/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.47	0.0367	—	—	permil	—	—	08-1771	CALA-08-13815	EES6
LAO-B	5221	11.84	7/16/2007	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.03	0.05	—	—	permil	—	—	19247	EU070700GBAL20	EES6
LAO-B	5221	11.84	7/16/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.75	0.05	—	—	permil	—	—	19246	EU070700GBAL01	EES6
LAO-B	5221	11.84	8/3/2006	WG	UF	CS	FB	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.03	0.043	—	—	permil	—	—	13088	EU060800GBAL01-FB	EES6
LAO-B	5221	11.84	8/3/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.97	0.03	—	—	permil	—	—	13041	EU060700GBAL01	EES6
LAO-B	5221	11.84	8/17/2005	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.84	0.0467	—	—	permil	—	—	6058	EU05080GBAL01	EES6
LAO-B	5221	11.84	5/10/2005	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.89	0.03	—	—	permil	—	—	5987	EU05050GBAL01	EES6
LAOI(a)-1.1	5391	295.2	9/3/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.25	—	—	—	permil	—	—	08-1833	CALA-08-13865	EES6
LAOI(a)-1.1	5391	295.2	8/4/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.06	0.04	—	—	permil	—	—	13176	EU060700G11L01	EES6
LAOI(a)-1.1	5391	295.2	3/4/2005	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.63	0.403	—	—	permil	—	—	5622	EU05020G11L01	EES6
LAOI(a)-1.1	5391	295.2	4/13/2000	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81	—	—	—	Unitless	—	—	6746R	CABG-00-0043	CST
LAOI(a)-1.1	5391	295.2	1/20/2000	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-84	—	—	—	Unitless	—	—	6371R	CABG-00-0024	CST
LAOI(a)-1.1	5391	295.2	9/3/2008	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	2.63	—	—	—	permil	—	—	08-1833	CALA-08-13866	EES6
LAOI(a)-1.1	5391	295.2	7/31/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	1.4	0.0167	—	—	permil	—	—	19316	EF070700G11L01	EES6
LAOI(a)-1.1	5391	295.2	9/3/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.23	—	—	—	permil	—	—	08-1833	CALA-08-13865	EES6
LAOI(a)-1.1	5391	295.2	7/31/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.39	0.03	—	—	permil	—	—	19267	EU070700G11L01	EES6
LAOI(a)-1.1	5391	295.2	8/4/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.39	0.043	—	—	permil	—	—	13038	EU060700G11L01	EES6
LAOI(a)-1.1	5391	295.2	3/4/2005	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.14	0.03	—	—	permil	—	—	5877	EU05020G11L01	EES6
LAOI(a)-1.1	5391	295.2	4/13/2000	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.1	—	—	—	Unitless	—	—	6746R	CABG-00-0043	CST
LAOI(a)-1.1	5391	295.2	1/20/2000	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.3	—	—	—	Unitless	—	—	6371R	CABG-00-0024	CST
LAOI-3.2	6001	153.3	7/26/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	10.96	0.01	—	—	permil	—	—	19305	EF070700G32L01	EES6
LAOI-3.2	6001	153.3	4/19/2006	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	10.14	0.06	—	—	permil	—	—	11873	EF06040G32L01	EES6
LAOI-3.2	6001	153.3	11/15/2005	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	10.83	0.127	—	—	permil	—	—	11822	EF05110G32L01	EES6
LAOI-3.2	6001	153.3	7/26/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.97	0.03	—	—	permil	—	—	19256	EU070700G32L01	EES6
LAOI-3.2	6001	153.3	7/25/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.4	0.03	—	—	permil	—	—	13034	EU060700G32L01	EES6
LAOI-3.2	6001	153.3	4/19/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.63	0.043	—	—	permil	—	—	11916	EU06040G32L01	EES6
LAOI-3.2	6001	153.3	11/15/2005	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.37	0.04	—	—	permil	—	—	11459	EU05110G32L01	EES6
LAOI-3.2a	7691	181.4	9/5/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-67.9	0.23	—	—	permil	—	—	08-1853	CALA-08-13896	EES6
LAOI-3.2a	7691	181.4	4/25/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-70.16	0.0167	—	—	permil	—	—	19067	EU07040GI32A01	EES6
LAOI-3.2a	7691	181.4	2/16/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-69.12	0.2	—	—	permil	—	—	18505	EU07020GI32A01	EES6
LAOI-3.2a	7691	181.4	7/26/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-70.56	0.043	—	—	permil	—	—	13191	EU06070GI32A02	EES6
LAOI-3.2a	7691	181.4	9/5/2008	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	10	0.07	—	—	permil	—	—	08-1853	CALA-08-13895	EES6
LAOI-3.2a	7691	181.4	7/30/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	10.68	0.03	—	—	permil	—	—	19318	EF07070GI32A01	EES6
LAOI-3.2a	7691	181.4	2/16/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	10.03	0.0267	—	—	permil	—	—	18573	EF07020GI32A01	EES6
LAOI-3.2a	7691	181.4	7/26/2006	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	10.64	0.0167	—	—	permil	—	—	12996	EF06070GI32A02	EES6
LAOI-3.2a	7691	181.4	9/5/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.09	0.03	—	—	permil	—	—	08-1853	CALA-08-13896	EES6
LAOI-3.2a	7691	181.4	7/30/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.45	0.03	—	—	permil	—	—	19269	EU07070GI32A01	EES6
LAOI-3.2a	7691	181.4	4/25/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.42	0.043	—	—	permil	—	—	18633	EU07040GI32A01	EES6
LAOI-3.2a	7691	181.4	2/16/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.68	0.043	—	—	permil	—	—	18626	EU07020GI32A01	EES6
LAOI-3.2a	7691	181.4	7/26/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.94	0.03	—	—	permil	—	—	13084	EU06070GI32A02	EES6
LAOI-7	6411	240	7/19/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.09	0.173	—	—	permil	—	—	19078	EU07070LAOI701	EES6
LAOI-7	6411	240	4/18/2007	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.8	0.33	—	—	permil	—	—	18514	EU07040LAOI720	EES6
LAOI-7	6411	240	4/18/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80	0.38	—	—	permil	—	—	18513	EU07040LAOI701	EES6
LAOI-7	6411	240	2/15/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.15	0.063	—	—	permil	—	—	18499	EU07020LAOI701	EES6
LAOI-7	6411	240	11/7/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.85	0.07	—	—	permil	—	—	17783	EU06100LAOI701	EES6
LAOI-7	6411	240	8/1/2006	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.75	0.063	—	—	permil	—	—	17704	EU06070LAOI790	EES6

Table C-1 Previously Unreported Data

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-7	6411	240	8/1/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.75	0.327	—	—	permil	—	—	17703	EU06070LAOI701	EES6
LAOI-7	6411	240	7/19/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.92	0.013	—	—	permil	—	—	19297	EF07070LAOI701	EES6
LAOI-7	6411	240	4/18/2007	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	8.4	0.067	—	—	permil	—	—	19049	EF07040LAOI720	EES6
LAOI-7	6411	240	4/18/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	9.16	0.067	—	—	permil	—	—	19048	EF07040LAOI701	EES6
LAOI-7	6411	240	2/15/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	11.4	0.0267	—	—	permil	—	—	18568	EF07020LAOI701	EES6
LAOI-7	6411	240	7/19/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.07	0.05	—	—	permil	—	—	19241	EU07070LAOI701	EES6
LAOI-7	6411	240	4/18/2007	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.91	0.043	—	—	permil	—	—	18640	EU07040LAOI720	EES6
LAOI-7	6411	240	4/18/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.18	0.043	—	—	permil	—	—	18639	EU07040LAOI701	EES6
LAOI-7	6411	240	2/15/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.09	0.043	—	—	permil	—	—	18621	EU07020LAOI701	EES6
LAOI-7	6411	240	11/7/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.2	0.043	—	—	permil	—	—	17834	EU06100LAOI701	EES6
LAOI-7	6411	240	8/1/2006	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.35	0.03	—	—	permil	—	—	13080	EU06070LAOI790	EES6
LAOI-7	6411	240	8/1/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.31	0.03	—	—	permil	—	—	13079	EU06070LAOI701	EES6
LAUZ-1	5361	5.35	8/25/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-53.03	—	—	—	permil	—	—	08-1765	CALA-08-13835	EES6
LAUZ-1	5361	5.35	8/2/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-55.52	0.07	—	—	permil	—	—	17689	EU060700G1ZL01	EES6
LAUZ-1	5361	5.35	8/25/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-7.23	—	—	—	permil	—	—	08-1765	CALA-08-13835	EES6
LAUZ-1	5361	5.35	8/1/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-7.25	0.03	—	—	permil	—	—	19268	EU070700G1ZL01	EES6
LAUZ-1	5361	5.35	8/2/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-7.76	0.03	—	—	permil	—	—	13052	EU060700G1ZL01	EES6
LAUZ-1	5361	5.35	1/20/1998	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-13.6	—	—	—	Unitless	—	—	4049R	0121-98-0001	COAST
LLAO-1b	5231	11.32	7/24/2007	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	15.64	0.03	—	—	permil	—	—	19320	EF070700GB1L20	EES6
LLAO-1b	5231	11.32	7/24/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	15.25	0.03	—	—	permil	—	—	19319	EF070700GB1L01	EES6
LLAO-1b	5231	11.32	7/24/2007	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.92	0.05	—	—	permil	—	—	19271	EU070700GB1L20	EES6
LLAO-1b	5231	11.32	7/24/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.21	0.05	—	—	permil	—	—	19270	EU070700GB1L01	EES6
LLAO-4	5661	5.24	7/24/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.64	0.05	—	—	permil	—	—	19272	EU070700G4LL01	EES6
Los Alamos Canyon near Otowi Bridge	—	—	7/24/2007	WP	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	15.19	0.03	—	—	permil	—	—	19390	EF070700P11001	EES6
Los Alamos Canyon near Otowi Bridge	—	—	7/24/2007	WP	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.67	0.05	—	—	permil	—	—	19289	EU070700P11001	EES6
Los Alamos Spring	—	—	8/25/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.75	—	—	—	permil	—	—	08-1765	CALA-08-13923	EES6
Los Alamos Spring	—	—	8/25/2008	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	8.01	—	—	—	permil	—	—	08-1765	CALA-08-13922	EES6
Los Alamos Spring	—	—	7/31/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.4	0.0167	—	—	permil	—	—	19315	EF070700GLAS01	EES6
Los Alamos Spring	—	—	8/25/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.53	—	—	—	permil	—	—	08-1765	CALA-08-13923	EES6
Los Alamos Spring	—	—	7/31/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.49	0.03	—	—	permil	—	—	19266	EU070700GLAS01	EES6
PAO-1	5561	5.89	9/3/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-64.11	—	—	—	permil	—	—	08-1837	CAPU-08-14575	EES6
PAO-1	5561	5.89	8/10/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-54.93	0.127	—	—	permil	—	—	17691	EU06070G1OAP01	EES6
PAO-1	5561	5.89	9/3/2008	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	10.28	—	—	—	permil	—	—	08-1837	CAPU-08-14573	EES6
PAO-1	5561	5.89	7/25/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	8.01	0.01	—	—	permil	—	—	19321	EF07070G1OAP01	EES6
PAO-1	5561	5.89	9/3/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.49	—	—	—	permil	—	—	08-1837	CAPU-08-14575	EES6
PAO-1	5561	5.89	7/25/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.24	0.05	—	—	permil	—	—	19273	EU07070G1OAP01	EES6
PAO-1	5561	5.89	8/10/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.14	0.043	—	—	permil	—	—	13056	EU06070G1OAP01	EES6
PAO-2	6801	6.06	9/3/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-66.21	—	—	—	permil	—	—	08-1837	CAPU-08-14570	EES6
PAO-2	6801	6.06	8/10/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-58.71	0.01	—	—	permil	—	—	17692	EU06070GPAO201	EES6
PAO-2	6801	6.06	9/3/2008	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.04	—	—	—	permil	—	—	08-1837	CAPU-08-14571	EES6
PAO-2	6801	6.06	7/25/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.08	0.01	—	—	permil	—	—	19323	EF07070GPAO201	EES6
PAO-2	6801	6.06	9/3/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.91	—	—	—	permil	—	—	08-1837	CAPU-08-14570	EES6
PAO-2	6801	6.06	7/25/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.97	0.03	—	—	permil	—	—	19274	EU07070GPAO201	EES6
PAO-2	6801	6.06	8/10/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.23	0.043	—	—	permil	—	—	13058	EU06070GPAO201	EES6
PAO-4	5591	1.97	9/4/2008	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-75.76	0.06	—	—	permil	—	—	08-1851	CAPU-08-15348	EES6
PAO-4	5591	1.97	9/4/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-75.85	0.127	—	—	permil	—	—	08-1851	CAPU-08-14567	EES6
PAO-4	5591	1.97	8/10/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-65.27	0.07	—	—	permil	—	—	17693	EU06070G4OAP01	EES6
PAO-4	5591	1.97	9/4/2008	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.97	0.03	—	—	permil	—	—	08-1851	CAPU-08-15348	EES6
PAO-4	5591	1.97	9/4/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.13	0.03	—	—	permil	—	—	08-1851	CAPU-08-14567	EES6
PAO-4	5591	1.97	8/2/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.58	0.03	—	—	permil	—	—	19275	EU07070G4OAP01	EES6
PAO-4	5591	1.97	8/10/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.35	0.043	—	—	permil	—	—	13060	EU06070G4OAP01	EES6
PAO-5s	6831	8.05	9/4/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-74.52	0.023	—	—	permil	—	—	08-1851	CAPU-08-14562	EES6
PAO-5s	6831	8.05	9/4/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.89	0.03	—	—	permil	—	—	08-1851	CAPU-08-14562	EES6
POI-4	4291	159	9/4/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.17	0.01	—	—	permil	—	—	08-1851	CAPU-08-14782	EES6
POI-4	4291	159	8/8/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.55	0.097	—	—	permil	—	—	17695	EU060700G4OP01	EES6
POI-4	4291	159	8/3/2005	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.41	0.03	—	—	permil	—	—	12571	EU05080G4OP01	EES6
POI-4	4291	159	3/8/2005	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.28	0.13	—	—	permil	—	—	5623	EU05020G4OP01	EES6

Table C-1 Previously Unreported Data

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
POI-4	4291	159	9/4/2008	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	25.04	0.07	—	—	permil	—	—	08-1851	CAPU-08-14781	EES6
POI-4	4291	159	8/2/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	22.38	0.013	—	—	permil	—	—	19326	EF070700G4OP01	EES6
POI-4	4291	159	9/4/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.53	0.03	—	—	permil	—	—	08-1851	CAPU-08-14782	EES6
POI-4	4291	159	8/2/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.32	0.03	—	—	permil	—	—	19277	EU070700G4OP01	EES6
POI-4	4291	159	8/8/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.69	0.043	—	—	permil	—	—	13064	EU060700G4OP01	EES6
POI-4	4291	159	8/3/2005	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.81	0.0467	—	—	permil	—	—	12951	EU05080G4OP01	EES6
POI-4	4291	159	3/8/2005	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.41	0.03	—	—	permil	—	—	5878	EU05020G4OP01	EES6
Pueblo 3	—	—	7/26/2007	WS	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.62	0.03	—	—	permil	—	—	19288	EU070700P3LP01	EES6
Pueblo 3	—	—	7/28/2006	WP	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.28	0.03	—	—	permil	—	—	13140	EU060700P3LP01	EES6
Pueblo above Acid	—	—	7/25/2007	WP	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.88	0.05	—	—	permil	—	—	19286	EU070700P05520	EES6
Pueblo above Acid	—	—	7/25/2007	WP	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-8.59	0.05	—	—	permil	—	—	19285	EU070700P05501	EES6
R-2	1711	918	7/16/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.32	0.103	—	—	permil	—	—	19074	EU070700G02R01	EES6
R-2	1711	918	7/24/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-75.92	0.0367	—	—	permil	—	—	13171	EU060700G02R01	EES6
R-2	1711	918	2/27/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-75.89	0.12	—	—	permil	—	—	11343	EU06020G02R01	EES6
R-2	1711	918	11/9/2005	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-74.96	0.05	—	—	permil	—	—	11298	EU05110G02R01	EES6
R-2	1711	918	2/27/2006	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.19	0.06	—	—	permil	—	—	11851	EF06020G02R01	EES6
R-2	1711	918	7/16/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.8	0.05	—	—	permil	—	—	19237	EU070700G02R01	EES6
R-2	1711	918	7/24/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.69	0.03	—	—	permil	—	—	13033	EU060700G02R01	EES6
R-2	1711	918	2/27/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.66	0.053	—	—	permil	—	—	11491	EU06020G02R01	EES6
R-2	1711	918	11/9/2005	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.59	0.04	—	—	permil	—	—	11455	EU05110G02R01	EES6
R-24	6321	825	8/26/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76	—	—	—	permil	—	—	08-1775	CAPU-08-14805	EES6
R-24	6321	825	7/18/2007	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-74.26	0.063	—	—	permil	—	—	19073	EU070700GR2420	EES6
R-24	6321	825	7/18/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-75.36	0.013	—	—	permil	—	—	19072	EU070700GR2401	EES6
R-24	6321	825	4/16/2007	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-75.73	0.087	—	—	permil	—	—	19070	EU070400GR2420	EES6
R-24	6321	825	4/16/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.59	0.067	—	—	permil	—	—	19069	EU070400GR2401	EES6
R-24	6321	825	7/27/2006	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-74.96	0.157	—	—	permil	—	—	13190	EU060700GR2490	EES6
R-24	6321	825	7/27/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-75.92	0.03	—	—	permil	—	—	13189	EU060700GR2401	EES6
R-24	6321	825	5/10/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-74.9	0.13	—	—	permil	—	—	12082	EU060500GR2401	EES6
R-24	6321	825	3/6/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-75.09	0.15	—	—	permil	—	—	11720	EU06020GR2401	EES6
R-24	6321	825	11/15/2005	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.1	0.1	—	—	permil	—	—	11945	EU05110GR2401	EES6
R-24	6321	825	7/18/2007	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.38	0.013	—	—	permil	—	—	19293	EF070700GR2420	EES6
R-24	6321	825	7/18/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.23	0.013	—	—	permil	—	—	19292	EF070700GR2401	EES6
R-24	6321	825	4/16/2007	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.89	0.067	—	—	permil	—	—	19047	EF070400GR2420	EES6
R-24	6321	825	4/16/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.43	0.067	—	—	permil	—	—	19046	EF070400GR2401	EES6
R-24	6321	825	5/10/2006	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.94	0.01	—	—	permil	—	—	12632	EF060500GR2401	EES6
R-24	6321	825	3/6/2006	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.95	0.06	—	—	permil	—	—	11857	EF06020GR2401	EES6
R-24	6321	825	11/15/2005	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.24	0.05	—	—	permil	—	—	11821	EF05110GR2401	EES6
R-24	6321	825	8/26/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.56	—	—	—	permil	—	—	08-1775	CAPU-08-14805	EES6
R-24	6321	825	7/18/2007	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.56	0.05	—	—	permil	—	—	19236	EU070700GR2420	EES6
R-24	6321	825	7/18/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.66	0.05	—	—	permil	—	—	19235	EU070700GR2401	EES6
R-24	6321	825	4/16/2007	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.41	0.043	—	—	permil	—	—	18638	EU070400GR2420	EES6
R-24	6321	825	4/16/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.52	0.043	—	—	permil	—	—	18637	EU070400GR2401	EES6
R-24	6321	825	7/27/2006	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.63	0.02	—	—	permil	—	—	13071	EU060700GR2490	EES6
R-24	6321	825	7/27/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.75	0.02	—	—	permil	—	—	13069	EU060700GR2401	EES6
R-24	6321	825	5/10/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.66	0.02	—	—	permil	—	—	12056	EU060500GR2401	EES6
R-24	6321	825	3/6/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.04	0.053	—	—	permil	—	—	11501	EU06020GR2401	EES6
R-24	6321	825	11/15/2005	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.38	0.04	—	—	permil	—	—	8048	EU05110GR2401	EES6
R-3i	7701	215.2	9/3/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.39	—	—	—	permil	—	—	08-1835	CAPU-08-14785	EES6
R-3i	7701	215.2	4/9/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78.66	0.097	—	—	permil	—	—	18515	EU070400G3iR01	EES6
R-3i	7701	215.2	8/10/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.92	0.1067	—	—	permil	—	—	17696	EU060700G3iR01	EES6
R-3i	7701	215.2	9/3/2008	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	25.3	—	—	—	permil	—	—	08-1835	CAPU-08-14783	EES6
R-3i	7701	215.2	7/20/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	25.32	0.013	—	—	permil	—	—	19302	EF070700G3iR01	EES6
R-3i	7701	215.2	4/9/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	25.46	0.067	—	—	permil	—	—	19050	EF070400G3iR01	EES6
R-3i	7701	215.2	8/10/2006	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	28.81	0.1067	—	—	permil	—	—	12995	EF060700G3iR01	EES6
R-3i	7701	215.2	9/3/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.9	—	—	—	permil	—	—	08-1835	CAPU-08-14785	EES6
R-3i	7701	215.2	7/20/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.87	0.05	—	—	permil	—	—	19253	EU070700G3iR01	EES6
R-3i	7701	215.2	4/9/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.8	0.043	—	—	permil	—	—	18642	EU070400G3iR01	EES6

Table C-1 Previously Unreported Data

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-3i	7701	215.2	8/10/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.84	0.043	—	—	permil	—	—	13065	EU060700G3iR01	EES6
R-4	1721	792.9	8/26/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-74.48	—	—	—	permil	—	—	08-1775	CAPU-08-14796	EES6
R-4	1721	792.9	7/18/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.76	0.09	—	—	permil	—	—	19075	EU070700G04R01	EES6
R-4	1721	792.9	7/25/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-73.28	0.067	—	—	permil	—	—	13173	EU060700G04R01	EES6
R-4	1721	792.9	2/28/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-73.18	0.113	—	—	permil	—	—	11714	EU06020G04R01	EES6
R-4	1721	792.9	11/14/2005	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-73.83	0.1067	—	—	permil	—	—	11710	EU05110G04R01	EES6
R-4	1721	792.9	8/8/2005	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-72.22	0.173	—	—	permil	—	—	5795	EU05080G04R01	EES6
R-4	1721	792.9	8/8/2005	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-72.31	0.003	—	—	permil	—	—	5796	EU05080G04R02	EES6
R-4	1721	792.9	8/26/2008	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	17.3	—	—	—	permil	—	—	08-1775	CAPU-08-14794	EES6
R-4	1721	792.9	8/26/2008	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	17.32	—	—	—	permil	—	—	08-1775	CAPU-08-14799	EES6
R-4	1721	792.9	7/18/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	16.31	0.013	—	—	permil	—	—	19294	EF070700G04R01	EES6
R-4	1721	792.9	2/28/2006	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	15.4	0.06	—	—	permil	—	—	11853	EF06020G04R01	EES6
R-4	1721	792.9	8/8/2005	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	18.51	0.083	—	—	permil	—	—	5864	EF05080G04R01	EES6
R-4	1721	792.9	8/26/2008	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.47	—	—	—	permil	—	—	08-1775	CAPU-08-14793	EES6
R-4	1721	792.9	8/26/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.08	—	—	—	permil	—	—	08-1775	CAPU-08-14796	EES6
R-4	1721	792.9	7/18/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.15	0.05	—	—	permil	—	—	19238	EU070700G04R01	EES6
R-4	1721	792.9	7/25/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.36	0.03	—	—	permil	—	—	13035	EU060700G04R01	EES6
R-4	1721	792.9	2/28/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.39	0.053	—	—	permil	—	—	11495	EU06020G04R01	EES6
R-4	1721	792.9	11/14/2005	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.23	0.04	—	—	permil	—	—	11456	EU05110G04R01	EES6
R-4	1721	792.9	8/8/2005	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.52	0.03	—	—	permil	—	—	6050	EU05080G04R02	EES6
R-4	1721	792.9	8/8/2005	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.54	0.03	—	—	permil	—	—	6049	EU05080G04R01	EES6
R-5	2452	383.9	8/26/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-72.41	—	—	—	permil	—	—	08-1775	CAPU-08-14776	EES6
R-5	2452	383.9	7/16/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.29	0.16	—	—	permil	—	—	19079	EU07070G05R201	EES6
R-5	2452	383.9	7/25/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-72.56	0.013	—	—	permil	—	—	13168	EU06070G05R201	EES6
R-5	2452	383.9	8/26/2008	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.28	—	—	—	permil	—	—	08-1775	CAPU-08-14777	EES6
R-5	2452	383.9	7/16/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.88	0.013	—	—	permil	—	—	19298	EF07070G05R201	EES6
R-5	2452	383.9	8/26/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.8	—	—	—	permil	—	—	08-1775	CAPU-08-14776	EES6
R-5	2452	383.9	7/16/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.85	0.05	—	—	permil	—	—	19242	EU07070G05R201	EES6
R-5	2452	383.9	7/25/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-9.94	0.03	—	—	permil	—	—	13029	EU06070G05R201	EES6
R-5	2512	718.6	7/17/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.99	0.09	—	—	permil	—	—	19080	EU07070G05R301	EES6
R-5	2512	718.6	7/26/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.26	0.043	—	—	permil	—	—	13170	EU06070G05R301	EES6
R-5	2512	718.6	11/13/2001	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77	—	—	—	Unitless	—	—	232S	GW05-01-0028	GEO
R-5	2512	718.6	7/17/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	2.7	0.013	—	—	permil	—	—	19299	EF07070G05R301	EES6
R-5	2512	718.6	7/17/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.15	0.05	—	—	permil	—	—	19243	EU07070G05R301	EES6
R-5	2512	718.6	7/26/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.4	0.02	—	—	permil	—	—	13032	EU06070G05R301	EES6
R-5	2512	718.6	11/13/2001	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.5	—	—	—	Unitless	—	—	232S	GW05-01-0028	GEO
R-5	2552	860.9	8/26/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	117	—	—	0.73	mg/L	—	—	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	8/26/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	117	—	—	0.73	mg/L	—	—	08-1777	CAPU-08-16499	GELC
R-5	2552	860.9	9/30/2004	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	107	—	—	1.45	mg/L	—	—	122723	GF0409G05R401	GELC
R-5	2552	860.9	5/3/2004	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	103	—	—	1.45	mg/L	—	—	112313	GF0404G05R401	GELC
R-5	2552	860.9	11/14/2001	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	153	—	—	0.73	mg/L	—	—	238R	GW05-01-0031	GEL
R-5	2552	860.9	1/12/2009	WG	UF	CS	EQB	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	2.1	—	—	0.73	mg/L	—	—	09-617	CAPU-09-1806	GELC
R-5	2552	860.9	8/26/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.1	—	—	0.066	mg/L	—	—	08-1777	CAPU-08-16499	GELC
R-5	2552	860.9	9/30/2004	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.26	—	—	0.0322	mg/L	—	—	122723	GF0409G05R401	GELC
R-5	2552	860.9	5/3/2004	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.31	—	—	0.0322	mg/L	—	—	112313	GF0404G05R401	GELC
R-5	2552	860.9	2/19/2004	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.48	—	—	0.0322	mg/L	—	—	107630	GF0402G05R401	GELC
R-5	2552	860.9	11/14/2001	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.91	—	—	0.025	mg/L	—	—	238R	GW05-01-0031	GEL
R-5	2552	860.9	1/12/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.348	—	—	0.033	mg/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	8/26/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.296	—	—	0.033	mg/L	—	—	08-1777	CAPU-08-16499	GELC
R-5	2552	860.9	9/30/2004	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.382	—	—	0.0553	mg/L	—	—	122723	GF0409G05R401	GELC
R-5	2552	860.9	5/3/2004	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.347	—	—	0.0553	mg/L	—	—	112313	GF0404G05R401	GELC
R-5	2552	860.9	2/19/2004	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.38	—	—	0.0553	mg/L	—	—	107630	GF0402G05R401	GELC
R-5	2552	860.9	11/14/2001	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.49	—	—	0.014	mg/L	—	—	238R	GW05-01-0031	GEL
R-5	2552	860.9	1/12/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.272	—	—	0.05	ug/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	8/26/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.279	—	—	0.05	ug/L	—	—	08-1777	CAPU-08-16499	GELC
R-5	2552	860.9	7/16/2007	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	ug/L	U	—	189777	GF07070G05R401	GELC
R-5	2552	860.9	7/16/2007	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.246	—	—	0.05	ug/L	—	—	189777	GF07070G05R401	GELC

Table C-1 Previously Unreported Data

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-5	2552	860.9	4/17/2007	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.27	—	—	0.05	ug/L	—	—	184483	GF07040G05R401	GELC
R-5	2552	860.9	4/17/2007	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	ug/L	U	—	184483	GF07040G05R401	GELC
R-5	2552	860.9	7/27/2006	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	ug/L	U	—	168163	GF06070G05R401	GELC
R-5	2552	860.9	7/27/2006	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	—	0.256	—	—	0.05	ug/L	—	—	168163	GF06070G05R401	GELC
R-5	2552	860.9	2/19/2004	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4	ug/L	U	—	107630	GF0402G05R401	GELC
R-5	2552	860.9	11/14/2001	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	0.96	ug/L	U	U	239S	GW05-01-0031	GEL
R-5	2552	860.9	8/26/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	253	—	—	1	uS/cm	—	—	08-1777	CAPU-08-16499	GELC
R-5	2552	860.9	8/26/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	253	—	—	1	uS/cm	—	—	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	1/12/2009	WG	UF	CS	EQB	Geninorg	EPA:120.1	Specific Conductance	—	2.45	—	—	1	uS/cm	—	—	09-617	CAPU-09-1806	GELC
R-5	2552	860.9	1/10/2008	WG	UF	CS	EQB	Geninorg	EPA:120.1	Specific Conductance	—	1.4	—	—	1	uS/cm	—	—	08-474	CAPU-08-9914	GELC
R-5	2552	860.9	1/12/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.26	—	—	0.1	mg/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	8/26/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.85	—	—	0.1	mg/L	—	—	08-1777	CAPU-08-16499	GELC
R-5	2552	860.9	9/30/2004	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.75	—	—	0.193	mg/L	—	—	122723	GF0409G05R401	GELC
R-5	2552	860.9	5/3/2004	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.36	—	—	0.193	mg/L	—	—	112313	GF0404G05R401	GELC
R-5	2552	860.9	2/19/2004	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.05	—	—	0.193	mg/L	—	—	107630	GF0402G05R401	GELC
R-5	2552	860.9	11/14/2001	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.59	—	—	0.12	mg/L	—	—	238R	GW05-01-0031	GEL
R-5	2552	860.9	1/12/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	193	—	—	2.4	mg/L	—	J	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	8/26/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	191	—	—	2.4	mg/L	—	—	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	8/26/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	191	—	—	2.4	mg/L	—	—	08-1777	CAPU-08-16499	GELC
R-5	2552	860.9	5/4/2005	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	180	—	—	2.38	mg/L	—	—	136031	GU0504G05R401	GELC
R-5	2552	860.9	1/12/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	0.01	SU	H	J-	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	8/26/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.88	—	—	0.01	SU	H	J-	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	8/26/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.88	—	—	0.01	SU	H	J-	08-1777	CAPU-08-16499	GELC
R-5	2552	860.9	11/14/2001	WG	F	CS	—	Geninorg	USGS-WRI-79-4	pH	—	6.6	—	—	—	SU	—	—	242S	GW05-01-0031	HUFFMAN
R-5	2552	860.9	1/12/2009	WG	UF	CS	EQB	Geninorg	EPA:150.1	pH	—	6.8	—	—	0.01	SU	H	J-	09-617	CAPU-09-1806	GELC
R-5	2552	860.9	1/10/2008	WG	UF	CS	EQB	Geninorg	EPA:150.1	pH	—	6.3	—	—	0.01	SU	H	J-	08-474	CAPU-08-9914	GELC
R-5	2552	860.9	5/4/2005	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.5	—	—	0.01	SU	H	J	136031	GU0504G05R401	GELC
R-5	2552	860.9	7/16/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-75.82	0.073	—	—	permil	—	—	19081	EU07070G05R401	EES6
R-5	2552	860.9	7/27/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-75.89	0.14	—	—	permil	—	—	13169	EU06070G05R401	EES6
R-5	2552	860.9	11/15/2001	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-72	—	—	—	Unitless	—	—	245S	GW05-01-0030	GEO
R-5	2552	860.9	7/16/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.83	0.013	—	—	permil	—	—	19301	EF07070G05R401	EES6
R-5	2552	860.9	7/16/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.65	0.05	—	—	permil	—	—	19244	EU07070G05R401	EES6
R-5	2552	860.9	7/27/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.54	0.02	—	—	permil	—	—	13030	EU06070G05R401	EES6
R-5	2552	860.9	11/15/2001	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.4	—	—	—	Unitless	—	—	245S	GW05-01-0030	GEO
R-6	5871	1205	4/12/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-72.58	0.167	—	—	permil	—	—	18512	EU070400G06R01	EES6
R-6	5871	1205	7/26/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-73.19	0.063	—	—	permil	—	—	13186	EU060700G06R01	EES6
R-6	5871	1205	5/11/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-74.1	0.03	—	—	permil	—	—	12079	EU060500G06R01	EES6
R-6	5871	1205	3/1/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-72.62	0.37	—	—	permil	—	—	11717	EU06020G06R01	EES6
R-6	5871	1205	11/17/2005	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-72.59	0.013	—	—	permil	—	—	11304	EU05110G06R01	EES6
R-6	5871	1205	4/12/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.46	0.067	—	—	permil	—	—	19044	EF070400G06R01	EES6
R-6	5871	1205	5/11/2006	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	6.11	0.01	—	—	permil	—	—	12630	EF060500G06R01	EES6
R-6	5871	1205	3/1/2006	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	3.88	0.06	—	—	permil	—	—	11855	EF06020G06R01	EES6
R-6	5871	1205	4/12/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.1	0.043	—	—	permil	—	—	18635	EU070400G06R01	EES6
R-6	5871	1205	7/26/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.38	0.03	—	—	permil	—	—	13066	EU060700G06R01	EES6
R-6	5871	1205	5/11/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.26	0.02	—	—	permil	—	—	12053	EU060500G06R01	EES6
R-6	5871	1205	3/1/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.54	0.053	—	—	permil	—	—	11498	EU06020G06R01	EES6
R-6	5871	1205	11/17/2005	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.22	0.04	—	—	permil	—	—	11461	EU05110G06R01	EES6
R-6i	5881	602	7/17/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.68	0.147	—	—	permil	—	—	19076	EU070700G6IR01	EES6
R-6i	5881	602	4/12/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.51	0.06	—	—	permil	—	—	19068	EU070400G6IR01	EES6
R-6i	5881	602	7/26/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.83	0.1067	—	—	permil	—	—	13188	EU060700G6IR01	EES6
R-6i	5881	602	5/11/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.3	0.4	—	—	permil	—	—	12081	EU060500G6IR01	EES6
R-6i	5881	602	3/1/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.53	0.067	—	—	permil	—	—	11719	EU06020G6IR01	EES6
R-6i	5881	602	11/17/2005	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-80.12	0.067	—	—	permil	—	—	11305	EU05110G6IR01	EES6
R-6i	5881	602	7/17/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	11.47	0.013	—	—	permil	—	—	19295	EF070700G6IR01	EES6
R-6i	5881	602	4/12/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	10.99	0.067	—	—	permil	—	—	19045	EF070400G6IR01	EES6
R-6i	5881	602	5/11/2006	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	11.37	0.01	—	—	permil	—	—	12631	EF060500G6IR01	EES6
R-6i	5881	602	3/1/2006	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	11.39	0.06	—	—	permil	—	—	11856	EF06020G6IR01	EES6

Table C-1 Previously Unreported Data

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-6i	5881	602	7/17/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.22	0.05	—	—	permil	—	—	19239	EU070700G6IR01	EES6
R-6i	5881	602	4/12/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.88	0.043	—	—	permil	—	—	18636	EU070400G6IR01	EES6
R-6i	5881	602	7/26/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.23	0.02	—	—	permil	—	—	13068	EU060700G6IR01	EES6
R-6i	5881	602	5/11/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.18	0.02	—	—	permil	—	—	12055	EU060500G6IR01	EES6
R-6i	5881	602	3/1/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.57	0.053	—	—	permil	—	—	11500	EU06020G6IR01	EES6
R-6i	5881	602	11/17/2005	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.13	0.04	—	—	permil	—	—	6080	EU05110G6IR01	EES6
R-7	1442	915.1	7/31/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.3	0.03	—	—	permil	—	—	19258	EU07070G07R301	EES6
R-7	1442	915.1	7/31/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.41	0.03	—	—	permil	—	—	13078	EU06070G07R301	EES6
R-7	1442	915.1	2/20/2002	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.5	—	—	—	Unitless	—	—	604S	GW07-02-0003	GEO
R-7	1442	915.1	11/20/2001	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.5	—	—	—	Unitless	—	—	313S	GW07-01-0054	GEO
R-7	1442	915.1	8/9/2001	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.3	—	—	—	Unitless	—	—	9561R	GW07-01-0048	GEO
R-8	2302	711.1	9/4/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.38	0.1	—	—	permil	—	—	08-1853	CALA-08-13906	EES6
R-8	2302	711.1	8/1/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.54	0.05	—	—	permil	—	—	17709	EU06070G08R101	EES6
R-8	2302	711.1	9/4/2008	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.8	0.07	—	—	permil	—	—	08-1853	CALA-08-13903	EES6
R-8	2302	711.1	7/24/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.93	0.03	—	—	permil	—	—	19309	EF07070G08R101	EES6
R-8	2302	711.1	9/4/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.19	0.03	—	—	permil	—	—	08-1853	CALA-08-13906	EES6
R-8	2302	711.1	7/24/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.16	0.05	—	—	permil	—	—	19261	EU07070G08R101	EES6
R-8	2302	711.1	8/1/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.41	0.03	—	—	permil	—	—	13086	EU06070G08R101	EES6
R-8	2372	825	9/3/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-73.4	0.04	—	—	permil	—	—	08-1831	CALA-08-13909	EES6
R-8	2372	825	8/2/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-72.35	0.0367	—	—	permil	—	—	17710	EU06070G08R201	EES6
R-8	2372	825	9/3/2008	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	5.17	0.07	—	—	permil	—	—	08-1850	CALA-08-13908	EES6
R-8	2372	825	7/25/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	4.11	0.01	—	—	permil	—	—	19311	EF07070G08R201	EES6
R-8	2372	825	9/3/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.18	0.0467	—	—	permil	—	—	08-1831	CALA-08-13909	EES6
R-8	2372	825	7/25/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.28	0.05	—	—	permil	—	—	19262	EU07070G08R201	EES6
R-8	2372	825	8/2/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.28	0.03	—	—	permil	—	—	13087	EU06070G08R201	EES6
R-9	1731	684	8/26/2008	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-75.12	—	—	—	permil	—	—	08-1780	CALA-08-13914	EES6
R-9	1731	684	8/26/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-75.47	—	—	—	permil	—	—	08-1780	CALA-08-13913	EES6
R-9	1731	684	7/19/2007	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.6	0.197	—	—	permil	—	—	19077	EU070700G09R01	EES6
R-9	1731	684	7/31/2006	WG	UF	CS	FB	Isotope	Deuterium Ratio	Deuterium Ratio	—	-77.02	0.41	—	—	permil	—	—	17698	EU060700G09R01-FB	EES6
R-9	1731	684	7/31/2006	WG	UF	CS	FD	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.52	0.55	—	—	permil	—	—	17699	EU060700G09R90	EES6
R-9	1731	684	7/31/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-76.45	0.197	—	—	permil	—	—	17697	EU060700G09R01	EES6
R-9	1731	684	8/16/2005	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-74.25	0.003	—	—	permil	—	—	5799	EU05080G09R01	EES6
R-9	1731	684	8/26/2008	WG	F	CS	FD	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	8.61	—	—	—	permil	—	—	08-1780	CALA-08-13915	EES6
R-9	1731	684	8/26/2008	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	8.47	—	—	—	permil	—	—	08-1780	CALA-08-13911	EES6
R-9	1731	684	7/19/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	7.96	0.013	—	—	permil	—	—	19296	EF070700G09R01	EES6
R-9	1731	684	8/26/2008	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.41	—	—	—	permil	—	—	08-1780	CALA-08-13914	EES6
R-9	1731	684	8/26/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.3	—	—	—	permil	—	—	08-1780	CALA-08-13913	EES6
R-9	1731	684	7/19/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.64	0.05	—	—	permil	—	—	19240	EU070700G09R01	EES6
R-9	1731	684	7/31/2006	WG	UF	CS	FB	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.08	0.03	—	—	permil	—	—	13073	EU060700G09R01-FB	EES6
R-9	1731	684	7/31/2006	WG	UF	CS	FD	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.45	0.03	—	—	permil	—	—	13075	EU060700G09R90	EES6
R-9	1731	684	7/31/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.7	0.03	—	—	permil	—	—	13072	EU060700G09R01	EES6
R-9	1731	684	8/16/2005	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.72	0.0467	—	—	permil	—	—	6053	EU05080G09R01	EES6
R-9i	552	198.8	8/29/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79.19	0.0567	—	—	permil	—	—	08-1816	CALA-08-13878	EES6
R-9i	552	198.8	8/10/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-82.09	0.24	—	—	permil	—	—	17700	EU06070G9IR101	EES6
R-9i	552	198.8	9/5/2001	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-73	—	—	—	Unitless	—	—	9707R	GW9I-01-0009	GEO
R-9i	552	198.8	6/11/2001	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-72	—	—	—	Unitless	—	—	8947R	GW9I-01-0005	GEO
R-9i	552	198.8	8/29/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.19	0.0467	—	—	permil	—	—	08-1816	CALA-08-13878	EES6
R-9i	552	198.8	7/27/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.01	0.03	—	—	permil	—	—	19259	EU07070G9IR101	EES6
R-9i	552	198.8	8/10/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.47	0.043	—	—	permil	—	—	13076	EU06070G9IR101	EES6
R-9i	552	198.8	9/5/2001	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.8	—	—	—	Unitless	—	—	9707R	GW9I-01-0009	GEO
R-9i	552	198.8	6/11/2001	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-10.7	—	—	—	Unitless	—	—	8947R	GW9I-01-0005	GEO
R-9i	602	278.8	9/2/2008	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-83.24	—	—	—	permil	—	—	08-1824	CALA-08-13881	EES6
R-9i	602	278.8	8/10/2006	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-81.32	0.517	—	—	permil	—	—	17701	EU06070G9IR201	EES6
R-9i	602	278.8	9/6/2001	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-79	—	—	—	Unitless	—	—	9718R	GW9I-01-0011	GEO
R-9i	602	278.8	6/12/2001	WG	UF	CS	—	Isotope	Deuterium Ratio	Deuterium Ratio	—	-78	—	—	—	Unitless	—	—	8959R	GW9I-01-0007	GEO
R-9i	602	278.8	9/2/2008	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	19.04	—	—	—	permil	—	—	08-1824	CALA-08-13882	EES6
R-9i	602	278.8	7/27/2007	WG	F	CS	—	Isotope	Nitrogen Ratio	Nitrogen-15/Nitrogen-14 Ratio	—	27.02	0.01	—	—	permil	—	—	19307	EF07070G9IR201	EES6

Table C-1 Previously Unreported Data

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9i	602	278.8	9/2/2008	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.6	—	—	—	permil	—	—	08-1824	CALA-08-13881	EES6
R-9i	602	278.8	7/27/2007	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.56	0.03	—	—	permil	—	—	19260	EU07070G9iR201	EES6
R-9i	602	278.8	8/10/2006	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.74	0.043	—	—	permil	—	—	13077	EU06070G9iR201	EES6
R-9i	602	278.8	9/6/2001	WG	UF	CS	—	Isotope	Oxygen Ratio	Oxygen-18/Oxygen-16 Ratio	—	-11.4	—	—	—	Unitless	—	—	9718R	GW9I-01-0011	GEO

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	—	0.00000251	—	—	2.51E-06	ug/L	J	J	09-2691	CAPU-09-11228	ALTC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	<	0.00000189	—	—	1.89E-06	ug/L	U	U	09-612	CAPU-09-1777	ALTC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	—	0.00000215	—	—	2.15E-06	ug/L	J	J	08-525	CAPU-08-9774	ALTC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	—	0.00000404	—	—	4.04E-06	ug/L	J	J	29265	AU070700G1PA01	ALTC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	<	0.0000023	—	—	2.30E-06	ug/L	U	UJ	28923	AU070400G1PA01	ALTC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofurans (Total)	—	0.00000251	—	—	2.51E-06	ug/L	—	—	09-2691	CAPU-09-11228	ALTC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofurans (Total)	<	0.00000189	—	—	1.89E-06	ug/L	U	U	09-612	CAPU-09-1777	ALTC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofurans (Total)	—	0.00000215	—	—	2.15E-06	ug/L	—	—	08-525	CAPU-08-9774	ALTC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofurans (Total)	—	0.00000404	—	—	4.04E-06	ug/L	—	J	29265	AU070700G1PA01	ALTC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofurans (Total)	<	0.00000219	—	—	2.19E-06	ug/L	U	UJ	28923	AU070400G1PA01	ALTC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	—	0.00000727	—	—	7.27E-06	ug/L	J	J	09-2691	CAPU-09-11228	ALTC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	<	0.00000887	—	—	8.87E-06	ug/L	JB	U	09-612	CAPU-09-1777	ALTC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	<	0.00000683	—	—	6.83E-06	ug/L	U	U	08-525	CAPU-08-9774	ALTC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	—	0.0000109	—	—	1.09E-05	ug/L	J	J	29265	AU070700G1PA01	ALTC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	<	0.00000739	—	—	7.39E-06	ug/L	BJ	J, U	28923	AU070400G1PA01	ALTC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	—	0.00000294	—	—	2.94E-06	ug/L	J	J	09-2691	CAPU-09-11228	ALTC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	—	0.00000257	—	—	2.57E-06	ug/L	J	J	09-612	CAPU-09-1777	ALTC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	<	0.00000387	—	—	3.87E-06	ug/L	U	U	08-525	CAPU-08-9774	ALTC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	—	0.00000408	—	—	4.08E-06	ug/L	J	J	29265	AU070700G1PA01	ALTC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	<	0.0000038	—	—	3.80E-06	ug/L	U	UJ	28923	AU070400G1PA01	ALTC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	150	—	—	7.30E-01	mg/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	96.1	—	—	7.30E-01	mg/L	—	—	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	91.1	—	—	7.30E-01	mg/L	—	—	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	188	—	—	7.25E-01	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.192	—	—	1.60E-02	mg/L	—	J-	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.691	—	—	3.00E-02	mg/L	—	—	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	9.49	—	—	3.00E-01	mg/L	—	J	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.126	—	—	6.60E-02	mg/L	J	J	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.70E-02	mg/L	U	UJ	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.148	—	—	6.60E-02	mg/L	J	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25	—	—	5.00E-02	mg/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24	—	—	3.00E-02	mg/L	—	—	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.6	—	—	3.00E-02	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	39.5	—	—	3.60E-02	mg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.2	—	—	5.00E-02	mg/L	—	—	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.9	—	—	3.00E-02	mg/L	—	—	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	28.1	—	—	3.00E-02	mg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	42.6	—	—	3.60E-02	mg/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	40.3	—	—	3.30E-01	mg/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	45.8	—	—	6.60E-01	mg/L	—	—	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	49.2	—	—	3.30E-01	mg/L	—	—	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	43.2	—	—	6.60E-01	mg/L	—	J	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	85.7	—	—	3.50E-01	mg/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	79.6	—	—	4.30E-01	mg/L	—	—	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	91.3	—	—	4.25E-01	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	134	—	—	4.40E-01	mg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	86.2	—	—	3.50E-01	mg/L	—	—	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.8	—	—	4.30E-01	mg/L	—	—	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	93.2	—	—	4.25E-01	mg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	144	—	—	4.40E-01	mg/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.68	—	—	8.50E-02	mg/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.8	—	—	8.50E-02	mg/L	—	—	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.47	—	—	8.50E-02	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.53	—	—	8.50E-02	mg/L	—	—	185012	GF070400G1PA01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.64	—	—	8.50E-02	mg/L	—	—	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.03	—	—	8.50E-02	mg/L	—	—	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.58	—	—	8.50E-02	mg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.07	—	—	8.50E-02	mg/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	16.6	—	—	5.00E-02	mg/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.2	—	—	5.00E-02	mg/L	—	—	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	16.2	—	—	5.00E-02	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	15.6	—	—	5.00E-02	mg/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	16.7	—	—	5.00E-02	mg/L	—	—	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.7	—	—	5.00E-02	mg/L	—	—	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	16.3	—	—	5.00E-02	mg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	16.5	—	—	5.00E-02	mg/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	80.5	—	—	3.20E-02	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	72.6	—	—	1.00E-01	mg/L	*	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	62.5	—	—	4.50E-02	mg/L	—	—	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	63	—	—	4.50E-02	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	63.4	—	—	4.50E-02	mg/L	E	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	67.4	—	—	1.00E-01	mg/L	*	—	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	63.7	—	—	4.50E-02	mg/L	—	—	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	62.6	—	—	4.50E-02	mg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	67.1	—	—	4.50E-02	mg/L	E	J	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	492	—	—	1.00E+00	uS/cm	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	447	—	—	1.00E+00	uS/cm	—	—	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	510	—	—	1.00E+00	uS/cm	—	—	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	586	—	—	1.00E+00	uS/cm	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	21.7	—	—	1.00E-01	mg/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	22	—	—	1.00E-01	mg/L	—	J-	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	38.9	—	—	1.00E-01	mg/L	—	—	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.58	—	—	1.00E-01	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	336	—	—	2.40E+00	mg/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	286	—	—	2.40E+00	mg/L	—	—	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	331	—	—	2.40E+00	mg/L	—	—	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	353	—	—	2.38E+00	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	9.86	—	—	2.90E-01	mg/L	—	J	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.907	—	—	3.30E-02	mg/L	—	—	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.452	—	—	2.90E-02	mg/L	—	J-	09-596	CAPU-09-1777	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	1.15	—	—	2.90E-02	mg/L	—	—	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	9.77	—	—	2.90E-01	mg/L	—	J	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	12.3	—	—	3.30E-01	mg/L	—	J	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	6.9	—	—	3.30E-01	mg/L	—	—	09-596	CAPU-09-1777	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	5.11	—	—	3.30E-01	mg/L	—	—	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	10.6	—	—	6.60E-01	mg/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.36	—	—	1.50E-02	mg/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.84	—	—	2.40E-02	mg/L	—	—	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.03	—	—	2.40E-02	mg/L	—	—	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.94	—	—	2.40E-02	mg/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.81	—	—	1.00E-02	SU	H	J-	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.01	—	—	1.00E-02	SU	H	J-	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.08	—	—	1.00E-02	SU	H	J-	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.66	—	—	1.00E-02	SU	H	J	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	71.8	—	—	6.80E+01	ug/L	J	J	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	90.6	—	—	6.80E+01	ug/L	J	J	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	224	—	—	6.80E+01	ug/L	—	—	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	152	—	—	6.80E+01	ug/L	J	—	190721	GU070700G1PA01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	101	—	—	6.80E+01	ug/L	J	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	12	—	—	1.50E+00	ug/L	—	J	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.9	—	—	1.50E+00	ug/L	J	J	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	6.8	—	—	1.50E+00	ug/L	—	U	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	5.1	—	—	1.50E+00	ug/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	4.6	—	—	1.50E+00	ug/L	J	J	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	6.2	—	—	1.50E+00	ug/L	—	U	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	4.4	—	—	1.50E+00	ug/L	J	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.3	—	—	1.00E+00	ug/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	12.4	—	—	1.00E+00	ug/L	—	—	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	16.1	—	—	1.00E+00	ug/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	33.6	—	—	1.00E+00	ug/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.4	—	—	1.00E+00	ug/L	—	—	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21.4	—	—	1.00E+00	ug/L	—	—	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34	—	—	1.00E+00	ug/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	46	—	—	1.00E+00	ug/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	319	—	—	1.50E+01	ug/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	274	—	—	1.00E+01	ug/L	—	J	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	369	—	—	1.00E+01	ug/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	331	—	—	1.00E+01	ug/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	319	—	—	1.50E+01	ug/L	—	—	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	275	—	—	1.00E+01	ug/L	—	J	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	371	—	—	1.00E+01	ug/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	355	—	—	1.00E+01	ug/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	5.71	—	—	1.00E+00	ug/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	4.1	—	—	1.00E+00	ug/L	J	J	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	4.8	—	—	1.00E+00	ug/L	J	JN-	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	4.4	—	—	1.00E+00	ug/L	J	U	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	5.09	—	—	1.00E+00	ug/L	—	—	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	4	—	—	1.00E+00	ug/L	J	JN-	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	4	—	—	1.00E+00	ug/L	J	U	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	4.32	—	—	3.00E+00	ug/L	J	J	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	6.1	—	—	3.00E+00	ug/L	J	J	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	4.2	—	—	3.00E+00	ug/L	J	J-	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	ug/L	U	R	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	4.46	—	—	3.00E+00	ug/L	J	J	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	6.7	—	—	3.00E+00	ug/L	J	J	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	4.2	—	—	3.00E+00	ug/L	J	J-	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	5.7	—	—	3.00E+00	ug/L	J	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	469	—	—	3.00E+01	ug/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	76.3	—	—	2.50E+01	ug/L	J	J	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1180	—	—	2.50E+01	ug/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1180	—	—	1.80E+01	ug/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	546	—	—	3.00E+01	ug/L	—	—	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	583	—	—	2.50E+01	ug/L	—	—	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2380	—	—	2.50E+01	ug/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2110	—	—	1.80E+01	ug/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Lead	—	0.6	—	—	5.00E-01	ug/L	J	J	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.507	—	—	5.00E-01	ug/L	J	J	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.91	—	—	5.00E-01	ug/L	J	J	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.54	—	—	5.00E-01	ug/L	J	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	957	—	—	2.00E+00	ug/L	—	—	09-2690	CAPU-09-11229	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	631	—	—	2.00E+00	ug/L	—	—	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3440	—	—	2.00E+00	ug/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5310	—	—	2.00E+00	ug/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	936	—	—	2.00E+00	ug/L	—	—	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	574	—	—	2.00E+00	ug/L	—	—	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3530	—	—	2.00E+00	ug/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5840	—	—	2.00E+00	ug/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	13.5	—	—	1.00E-01	ug/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.6	—	—	2.00E+00	ug/L	J	J	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	14.2	—	—	1.00E-01	ug/L	—	—	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.7	—	—	2.00E+00	ug/L	J	J	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2.00E+00	ug/L	J	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.3	—	—	2.00E+00	ug/L	J	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	11.4	—	—	5.00E-01	ug/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.1	—	—	5.00E-01	ug/L	—	—	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	6.7	—	—	5.00E-01	ug/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.5	—	—	5.00E-01	ug/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	11.4	—	—	5.00E-01	ug/L	—	—	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.8	—	—	5.00E-01	ug/L	—	—	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	6.5	—	—	5.00E-01	ug/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	5.7	—	—	5.00E-01	ug/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.2	—	—	5.30E-02	mg/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	59	—	—	3.20E-02	mg/L	—	—	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	55.4	—	—	3.20E-02	mg/L	—	—	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	126	—	—	1.00E+00	ug/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	95.6	—	—	1.00E+00	ug/L	—	—	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	111	—	—	1.00E+00	ug/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	177	—	—	1.00E+00	ug/L	—	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	121	—	—	1.00E+00	ug/L	—	—	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	102	—	—	1.00E+00	ug/L	—	—	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	116	—	—	1.00E+00	ug/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	191	—	—	1.00E+00	ug/L	—	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.06	—	—	1.00E+00	ug/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.9	—	—	1.00E+00	ug/L	J	J	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.2	—	—	1.00E+00	ug/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.8	—	—	1.00E+00	ug/L	J	—	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.24	—	—	1.00E+00	ug/L	—	—	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.6	—	—	1.00E+00	ug/L	J	J	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6	—	—	1.00E+00	ug/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	4.9	—	—	1.00E+00	ug/L	J	U	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	11.2	—	—	3.30E+00	ug/L	—	—	09-2690	CAPU-09-11229	GELC
APCO-1	5211	4.7	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	16.9	—	—	2.00E+00	ug/L	—	—	08-526	CAPU-08-9775	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.3	—	—	2.00E+00	ug/L	J	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	5.8	—	—	2.00E+00	ug/L	J	U	185012	GF070400G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.3	—	—	3.30E+00	ug/L	—	—	09-2690	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	17.8	—	—	2.00E+00	ug/L	—	—	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.4	—	—	2.00E+00	ug/L	J	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.9	—	—	2.00E+00	ug/L	J	—	185012	GU070400G1PA01	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0237	3.67E-03	3.20E-02	—	pCi/L	U	U	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00263	1.43E-03	4.78E-02	—	pCi/L	U	U	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0115	2.58E-03	2.37E-02	—	pCi/L	U	U	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0246	4.23E-03	4.10E-02	—	pCi/L	U	U	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00739	4.00E-03	3.90E-02	—	pCi/L	U	U	09-2689	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0176	3.33E-03	2.90E-02	—	pCi/L	U	U	09-596	CAPU-09-1777	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.021	2.60E-03	5.50E-02	—	pCi/L	U	U	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	—	0.0714	4.80E-03	2.61E-02	—	pCi/L	—	J	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.801	4.33E-01	4.40E+00	—	pCi/L	U	U	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.279	5.00E-01	4.23E+00	—	pCi/L	U	U	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.239	4.13E-01	4.59E+00	—	pCi/L	U	U	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.658	2.40E-01	2.29E+00	—	pCi/L	U	U	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.14	3.67E-01	3.60E+00	—	pCi/L	U	U	09-2689	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.34	4.33E-01	4.10E+00	—	pCi/L	U	U	09-596	CAPU-09-1777	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.46	4.77E-01	3.35E+00	—	pCi/L	U	U	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.423	3.87E-01	4.08E+00	—	pCi/L	U	U	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.12	5.33E-01	5.50E+00	—	pCi/L	U	U	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.707	4.43E-01	4.22E+00	—	pCi/L	U	U	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.53	4.00E-01	5.10E+00	—	pCi/L	U	U	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.934	1.68E-01	2.46E+00	—	pCi/L	U	U	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.98	4.33E-01	3.30E+00	—	pCi/L	U	U	09-2689	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0443	4.33E-01	4.10E+00	—	pCi/L	U	U	09-596	CAPU-09-1777	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.652	3.73E-01	3.83E+00	—	pCi/L	U	U	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.438	3.57E-01	4.25E+00	—	pCi/L	U	U	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.00617	2.43E-01	2.90E+00	—	pCi/L	U	U	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.0352	2.00E-01	2.30E+00	—	pCi/L	U	U	09-2689	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.191	1.30E-01	2.00E+00	—	pCi/L	U	U	09-596	CAPU-09-1777	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	12.8	5.00E-01	2.40E+00	—	pCi/L	—	—	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	19.3	8.27E-01	3.54E+00	—	pCi/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	12.2	2.24E-01	1.06E+00	—	pCi/L	—	—	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	19.5	4.23E-01	3.04E+00	—	pCi/L	—	—	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	15.2	5.67E-01	2.40E+00	—	pCi/L	—	—	09-2689	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	14.1	5.67E-01	2.70E+00	—	pCi/L	—	—	09-596	CAPU-09-1777	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	16.6	7.93E-01	4.35E+00	—	pCi/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	15	2.61E-01	1.31E+00	—	pCi/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	31.1	1.10E+01	4.90E+01	—	pCi/L	U	U	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	61	2.60E+01	2.30E+02	—	pCi/L	U	U	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	80.6	3.14E+01	3.89E+02	—	pCi/L	U	U	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	70.1	1.60E+01	2.01E+02	—	pCi/L	U	U	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	95.1	1.27E+01	1.10E+02	—	pCi/L	U	U	09-2689	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	58.8	1.33E+01	6.60E+01	—	pCi/L	U	U	09-596	CAPU-09-1777	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	104	2.18E+01	3.29E+02	—	pCi/L	U	U	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	105	2.90E+01	3.07E+02	—	pCi/L	U	U	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.59	3.67E+00	3.40E+01	—	pCi/L	U	U	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.1	3.03E+00	2.93E+01	—	pCi/L	U	U	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.3	3.43E+00	3.22E+01	—	pCi/L	U	U	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.46	1.74E+00	1.77E+01	—	pCi/L	U	U	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.93	3.00E+00	2.90E+01	—	pCi/L	U	U	09-2689	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.7	3.33E+00	3.40E+01	—	pCi/L	U	U	09-596	CAPU-09-1777	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16.9	3.07E+00	2.71E+01	—	pCi/L	U	U	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.77	3.03E+00	2.83E+01	—	pCi/L	U	U	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0113	2.33E-03	4.30E-02	—	pCi/L	U	U	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00334	5.00E-04	3.24E-02	—	pCi/L	U	U	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00715	1.38E-03	2.29E-02	—	pCi/L	U	U	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0312	6.03E-03	5.40E-02	—	pCi/L	U	U	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00537	1.33E-03	2.90E-02	—	pCi/L	U	U	09-2689	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0117	2.77E-03	4.40E-02	—	pCi/L	U	U	09-596	CAPU-09-1777	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0018	1.59E-03	3.46E-02	—	pCi/L	U	U	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0029	2.90E-03	2.78E-02	—	pCi/L	U	U	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00284	5.00E-03	5.00E-02	—	pCi/L	U	U	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.137	5.97E-03	2.98E-02	—	pCi/L	—	—	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.0691	4.67E-03	2.67E-02	—	pCi/L	—	J	168963	GF060700G1PA01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.107	6.33E-03	4.60E-02	—	pCi/L	—	J	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.093	4.67E-03	3.50E-02	—	pCi/L	—	—	09-2689	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.038	4.67E-03	5.20E-02	—	pCi/L	U	U	09-596	CAPU-09-1777	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.139	5.83E-03	3.18E-02	—	pCi/L	—	—	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	1.5	3.22E-02	3.24E-02	—	pCi/L	—	—	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	8.94	5.33E+00	5.40E+01	—	pCi/L	U	U	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	3.01	7.87E+00	3.55E+01	—	pCi/L	U	U	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	10.3	9.97E+00	3.83E+01	—	pCi/L	U	U	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	3.66	4.80E+00	1.95E+01	—	pCi/L	U	U	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	29.9	5.33E+00	3.50E+01	—	pCi/L	U	U	09-2689	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-19	5.00E+00	5.20E+01	—	pCi/L	U	U	09-596	CAPU-09-1777	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	39.8	6.33E+00	3.66E+01	—	pCi/L	UI	R	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	45.9	5.23E+00	3.23E+01	—	pCi/L	UI	R	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	—	0.684	5.73E-02	4.18E-01	—	pCi/L	—	J	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.987	9.00E-02	6.10E-01	—	pCi/L	—	—	09-2689	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0	1.83E-02	2.50E-01	—	pCi/L	U	U	09-596	CAPU-09-1777	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.804	7.33E-02	4.40E-01	—	pCi/L	—	—	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	10/06/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.253	4.73E-02	4.47E-01	—	pCi/L	U	U	123208	GU04090G1PA01	GELC
APCO-1	5211	4.7	10/06/04	WG	UF	DUP	—	Rad	EPA:903.1	Radium-226	—	0.714	6.13E-02	4.25E-01	—	pCi/L	—	—	123208	GU04090G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.248	6.00E-02	6.10E-01	—	pCi/L	U	U	09-2689	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.1	5.67E-02	6.30E-01	—	pCi/L	U	U	09-596	CAPU-09-1777	GELC
APCO-1	5211	4.7	01/16/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.121	7.00E-02	7.50E-01	—	pCi/L	U	U	08-526	CAPU-08-9774	GELC
APCO-1	5211	4.7	08/08/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	0.438	2.48E+00	1.67E+01	—	pCi/L	U	U	85799	GU03080G1PA01	GELC
APCO-1	5211	4.7	08/08/03	WG	UF	DUP	—	Rad	EPA:901.1	Radium-228	<	6.28	3.63E+00	2.57E+01	—	pCi/L	U	—	85799	GU03080G1PA01	GELC
APCO-1	5211	4.7	11/15/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	4.98	2.45E+00	1.48E+01	—	pCi/L	U	U	70712	GU02110G1PA01	GELC
APCO-1	5211	4.7	11/15/02	WG	UF	DUP	—	Rad	EPA:901.1	Radium-228	<	9.93	3.77E+00	3.11E+01	—	pCi/L	U	—	70712	GU02110G1PA01	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.291	5.00E-01	4.70E+00	—	pCi/L	U	U	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.41	4.90E-01	3.65E+00	—	pCi/L	U	U	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.54	4.47E-01	4.35E+00	—	pCi/L	U	U	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0592	2.11E-01	2.27E+00	—	pCi/L	U	U	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.65	3.17E-01	3.30E+00	—	pCi/L	U	U	09-2689	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.256	4.67E-01	4.60E+00	—	pCi/L	U	U	09-596	CAPU-09-1777	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.688	3.80E-01	3.52E+00	—	pCi/L	U	U	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.77	2.56E-01	3.93E+00	—	pCi/L	U	U	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.157	4.67E-02	4.90E-01	—	pCi/L	U	U	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.278	4.47E-02	4.23E-01	—	pCi/L	U	U	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.875	7.70E-02	6.56E-01	—	pCi/L	—	J	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.482	3.40E-02	3.52E-01	—	pCi/L	—	J	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.512	5.67E-02	4.80E-01	—	pCi/L	—	—	09-2689	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.148	5.00E-02	4.90E-01	—	pCi/L	U	U	09-596	CAPU-09-1777	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0235	3.37E-02	3.59E-01	—	pCi/L	U	U	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.104	4.20E-02	4.28E-01	—	pCi/L	U	U	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.00414	5.67E-03	1.50E-01	—	pCi/L	U	U	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0925	5.63E-03	3.50E-02	—	pCi/L	—	J	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.06	1.05E-02	1.14E-01	—	pCi/L	U	U	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.35	1.15E-02	7.00E-02	—	pCi/L	—	J	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0603	7.00E-03	1.80E-01	—	pCi/L	U	U	09-2689	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0421	8.00E-03	1.70E-01	—	pCi/L	U	U	09-596	CAPU-09-1777	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0936	5.63E-03	3.19E-02	—	pCi/L	—	J	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.259	1.71E-02	1.04E-01	—	pCi/L	—	J	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00498	4.33E-03	7.30E-02	—	pCi/L	U	U	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00927	2.31E-03	2.95E-02	—	pCi/L	U	U	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0472	6.83E-03	9.60E-02	—	pCi/L	U	U	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0181	2.87E-03	4.30E-02	—	pCi/L	U	U	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00326	2.47E-03	8.90E-02	—	pCi/L	U	U	09-2689	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0223	4.67E-03	8.20E-02	—	pCi/L	U	U	09-596	CAPU-09-1777	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-1.35E-09	2.30E-03	2.69E-02	—	pCi/L	U	U	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0555	8.07E-03	8.78E-02	—	pCi/L	U	U	168963	GU060700G1PA01	GELC
APCO-1	5211	4.7	01/09/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	-7.69E-09	7.00E-03	7.70E-02	—	pCi/L	U	U	09-596	CAPU-09-1776	GELC
APCO-1	5211	4.7	08/01/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.075	5.07E-03	4.71E-02	—	pCi/L	—	J	190721	GF070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.06	8.03E-03	1.21E-01	—	pCi/L	U	U	168963	GF060700G1PA01	GELC
APCO-1	5211	4.7	05/09/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.188	7.93E-03	5.00E-02	—	pCi/L	—	J	136321	GF05050G1PA01	GELC
APCO-1	5211	4.7	07/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0479	6.33E-03	8.90E-02	—	pCi/L	U	U	09-2689	CAPU-09-11228	GELC
APCO-1	5211	4.7	01/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	-0.00451	4.00E-03	8.60E-02	—	pCi/L	U	U	09-596	CAPU-09-1777	GELC
APCO-1	5211	4.7	08/01/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0685	5.73E-03	4.30E-02	—	pCi/L	—	J	190721	GU070700G1PA01	GELC
APCO-1	5211	4.7	08/08/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.17	1.32E-02	1.11E-01	—	pCi/L	—	J	168963	GU060700G1PA01	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.5	—	—	7.30E-01	mg/L	—	—	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.7	—	—	7.30E-01	mg/L	—	—	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	43.5	—	—	7.30E-01	mg/L	—	—	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.3	—	—	7.25E-01	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	36.2	—	—	7.25E-01	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.018	—	—	1.60E-02	mg/L	J	J-	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.042	—	—	3.00E-02	mg/L	J	J-	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.045	—	—	3.00E-02	mg/L	J	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.063	—	—	3.00E-02	mg/L	—	J	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.15	—	—	5.00E-02	mg/L	—	—	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.26	—	—	3.00E-02	mg/L	—	—	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Calcium	—	21.7	—	—	3.00E-02	mg/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.9	—	—	3.00E-02	mg/L	—	—	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.7	—	—	3.00E-02	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.38	—	—	5.00E-02	mg/L	—	—	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	3.00E-02	mg/L	—	—	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	23.4	—	—	3.00E-02	mg/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.1	—	—	3.00E-02	mg/L	—	—	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.2	—	—	3.00E-02	mg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	55.1	—	—	3.30E-01	mg/L	—	—	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	45.5	—	—	3.30E-01	mg/L	—	—	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	85.1	—	—	6.60E-01	mg/L	—	—	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:300.0	Chloride	—	78.7	—	—	6.60E-01	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	282	—	—	3.30E+00	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.287	—	—	3.30E-02	mg/L	—	—	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.295	—	—	3.30E-02	mg/L	—	—	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.244	—	—	3.30E-02	mg/L	—	—	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.269	—	—	3.30E-02	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.185	—	—	3.30E-02	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	27	—	—	3.50E-01	mg/L	—	—	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	28	—	—	3.50E-01	mg/L	—	—	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Geninorg	SM:A2340B	Hardness	—	64.1	—	—	4.25E-01	mg/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.4	—	—	4.30E-01	mg/L	—	—	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.9	—	—	4.25E-01	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	29.6	—	—	3.50E-01	mg/L	—	—	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.6	—	—	3.50E-01	mg/L	—	—	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.1	—	—	4.25E-01	mg/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.3	—	—	4.30E-01	mg/L	—	—	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.5	—	—	4.25E-01	mg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.02	—	—	8.50E-02	mg/L	—	—	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.19	—	—	8.50E-02	mg/L	—	—	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	2.4	—	—	8.50E-02	mg/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.42	—	—	8.50E-02	mg/L	—	—	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.37	—	—	8.50E-02	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.51	—	—	8.50E-02	mg/L	—	—	09-2592	CAPU-09-11210	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.85	—	—	8.50E-02	mg/L	—	—	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	3.09	—	—	8.50E-02	mg/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.51	—	—	8.50E-02	mg/L	—	—	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.48	—	—	8.50E-02	mg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0356	—	—	1.00E-02	mg/L	J	J	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.123	—	—	1.00E-02	mg/L	—	J	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.563	—	—	1.00E-02	mg/L	—	—	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.158	—	—	1.00E-02	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.543	—	—	1.00E-02	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.485	—	—	5.00E-02	ug/L	—	—	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.355	—	—	5.00E-02	ug/L	—	—	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.354	—	—	5.00E-02	ug/L	—	—	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.297	—	—	5.00E-02	ug/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.572	—	—	5.00E-02	ug/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.3	—	—	5.00E-02	mg/L	—	—	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.49	—	—	5.00E-02	mg/L	—	—	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Potassium	—	13.5	—	—	5.00E-02	mg/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.77	—	—	5.00E-02	mg/L	—	—	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.93	—	—	5.00E-02	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.81	—	—	5.00E-02	mg/L	—	—	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.29	—	—	5.00E-02	mg/L	—	—	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	14.6	—	—	5.00E-02	mg/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.92	—	—	5.00E-02	mg/L	—	—	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.12	—	—	5.00E-02	mg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	22.7	—	—	3.20E-02	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	17.6	—	—	3.20E-02	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	56.1	—	—	1.00E-01	mg/L	—	—	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	49	—	—	4.50E-02	mg/L	—	—	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Sodium	—	140	—	—	4.50E-02	mg/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	63.5	—	—	4.50E-02	mg/L	—	—	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	83.6	—	—	4.50E-02	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	54.2	—	—	1.00E-01	mg/L	—	—	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	50.5	—	—	4.50E-02	mg/L	—	—	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	147	—	—	4.50E-02	mg/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	64	—	—	4.50E-02	mg/L	—	—	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	85.4	—	—	4.50E-02	mg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	306	—	—	1.00E+00	uS/cm	—	—	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	298	—	—	1.00E+00	uS/cm	—	—	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	437	—	—	1.00E+00	uS/cm	—	—	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	482	—	—	1.00E+00	uS/cm	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	1240	—	—	1.00E+00	uS/cm	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.74	—	—	1.00E-01	mg/L	—	—	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.62	—	—	1.00E-01	mg/L	—	—	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.87	—	—	1.00E-01	mg/L	—	—	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.02	—	—	1.00E-01	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.7	—	—	1.00E-01	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2.59	—	—	1.10E+00	mg/L	J	J	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	66.4	—	—	1.10E+00	mg/L	—	—	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	61.3	—	—	2.38E+00	mg/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	4.4	—	—	1.14E+00	mg/L	J	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	5.6	—	—	1.14E+00	mg/L	—	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	203	—	—	2.40E+00	mg/L	—	—	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	187	—	—	2.40E+00	mg/L	—	J	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	231	—	—	2.40E+00	mg/L	—	—	08-499	CAPU-08-9846	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	218	—	—	2.38E+00	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	648	—	—	2.38E+00	mg/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.051	—	—	2.90E-02	mg/L	J	JN-, J	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.275	—	—	3.30E-02	mg/L	—	J+	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.114	—	—	2.90E-02	mg/L	—	U	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.846	—	—	2.90E-02	mg/L	—	—	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.039	—	—	2.90E-02	mg/L	J	J-, JN	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.058	—	—	5.80E-02	mg/L	U	UJ	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.96	—	—	3.30E-01	mg/L	—	—	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.41	—	—	3.30E-01	mg/L	—	—	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.92	—	—	3.30E-01	mg/L	—	—	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4	—	—	3.30E-01	mg/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.49	—	—	3.30E-01	mg/L	—	J	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.344	—	—	1.50E-02	mg/L	—	J	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.232	—	—	2.40E-02	mg/L	—	—	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.268	—	—	2.40E-02	mg/L	—	—	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.222	—	—	2.40E-02	mg/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.138	—	—	2.40E-02	mg/L	—	U	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	6.91	—	—	1.00E-02	SU	H	J-	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.01	—	—	1.00E-02	SU	H	J-	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	6.87	—	—	1.00E-02	SU	H	J-	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:150.1	pH	—	7.49	—	—	1.00E-02	SU	H	J	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	296	—	—	6.80E+01	ug/L	—	—	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	2790	—	—	6.80E+01	ug/L	*	J	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Aluminum	—	596	—	—	6.80E+01	ug/L	N	J+	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	244	—	—	6.80E+01	ug/L	—	—	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Aluminum	—	712	—	—	6.80E+01	ug/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	5080	—	—	6.80E+01	ug/L	—	—	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	7540	—	—	6.80E+01	ug/L	*	—	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Aluminum	—	3560	—	—	6.80E+01	ug/L	N	J+	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	889	—	—	6.80E+01	ug/L	—	—	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1640	—	—	6.80E+01	ug/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	23.6	—	—	1.00E+00	ug/L	—	—	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	28.9	—	—	1.00E+00	ug/L	—	—	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Barium	—	70.2	—	—	1.00E+00	ug/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	28.7	—	—	1.00E+00	ug/L	—	—	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Barium	—	36.6	—	—	1.00E+00	ug/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.1	—	—	1.00E+00	ug/L	—	—	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	43.5	—	—	1.00E+00	ug/L	—	—	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Barium	—	101	—	—	1.00E+00	ug/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.4	—	—	1.00E+00	ug/L	—	—	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Barium	—	40.1	—	—	1.00E+00	ug/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	25	—	—	1.50E+01	ug/L	J	J	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	22.1	—	—	1.00E+01	ug/L	J	J	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Boron	—	19.6	—	—	1.00E+01	ug/L	J	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	16.2	—	—	1.00E+01	ug/L	J	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	25.6	—	—	1.50E+01	ug/L	J	J	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	23.4	—	—	1.00E+01	ug/L	J	J	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.8	—	—	1.00E+01	ug/L	J	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.1	—	—	1.00E+01	ug/L	J	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6020	Chromium	—	1.9	—	—	1.50E+00	ug/L	J	J	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Chromium	<	2.5	—	—	2.50E+00	ug/L	U	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	08-499	CAPU-08-9846	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.52	—	—	2.50E+00	ug/L	J	J	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.9	—	—	1.50E+00	ug/L	J	J	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Chromium	—	5.1	—	—	2.50E+00	ug/L	J	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.8	—	—	2.50E+00	ug/L	J	J	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	1.00E+00	ug/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Copper	—	4.43	—	—	3.00E+00	ug/L	J	J	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Copper	—	3.9	—	—	3.00E+00	ug/L	J	J	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Copper	—	5.2	—	—	3.00E+00	ug/L	J	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	ug/L	U	R	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6010B	Copper	—	7.73	—	—	3.00E+00	ug/L	J	J	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Copper	—	8	—	—	3.00E+00	ug/L	J	J	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Copper	—	9.9	—	—	3.00E+00	ug/L	J	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	ug/L	U	R	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	203	—	—	3.00E+01	ug/L	—	—	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	1510	—	—	2.50E+01	ug/L	*	J	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Iron	—	363	—	—	2.50E+01	ug/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	117	—	—	2.50E+01	ug/L	—	—	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Iron	—	324	—	—	2.50E+01	ug/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	3090	—	—	3.00E+01	ug/L	—	—	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	4230	—	—	2.50E+01	ug/L	*	J	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Iron	—	2430	—	—	2.50E+01	ug/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	571	—	—	2.50E+01	ug/L	—	—	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Iron	—	667	—	—	2.50E+01	ug/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6020	Lead	—	1.6	—	—	5.00E-01	ug/L	J	J	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Lead	—	0.66	—	—	5.00E-01	ug/L	JN	J-	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6020	Lead	—	1.3	—	—	5.00E-01	ug/L	J	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	4.86	—	—	5.00E-01	ug/L	—	—	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	4.1	—	—	5.00E-01	ug/L	—	—	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Lead	—	7.2	—	—	5.00E-01	ug/L	N	J-	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	2.3	—	—	5.00E-01	ug/L	—	—	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6020	Lead	—	2.2	—	—	5.00E-01	ug/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.58	—	—	2.00E+00	ug/L	J	J	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	8.9	—	—	2.00E+00	ug/L	J	J	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Manganese	—	51.4	—	—	2.00E+00	ug/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.6	—	—	2.00E+00	ug/L	J	J	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.3	—	—	2.00E+00	ug/L	J	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	20.9	—	—	2.00E+00	ug/L	—	—	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	23.8	—	—	2.00E+00	ug/L	—	—	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Manganese	—	87.4	—	—	2.00E+00	ug/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	17.2	—	—	2.00E+00	ug/L	—	—	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.8	—	—	2.00E+00	ug/L	J	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.84	—	—	1.00E-01	ug/L	—	—	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.5	—	—	1.00E-01	ug/L	—	—	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.3	—	—	2.00E+00	ug/L	J	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.77	—	—	1.00E-01	ug/L	—	—	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	1.00E-01	ug/L	—	—	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.5	—	—	2.00E+00	ug/L	J	U	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.63	—	—	5.00E-01	ug/L	J	J	09-2592	CAPU-09-11211	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	J	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Nickel	—	2.1	—	—	5.00E-01	ug/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.99	—	—	5.00E-01	ug/L	J	J	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	5.00E-01	ug/L	J	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.87	—	—	5.00E-01	ug/L	—	—	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	J	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Nickel	—	3.9	—	—	5.00E-01	ug/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	J	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.7	—	—	5.00E-01	ug/L	J	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	18.7	—	—	5.30E-02	mg/L	—	—	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	28.1	—	—	3.20E-02	mg/L	N	J+	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	18.7	—	—	3.20E-02	mg/L	—	—	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6020	Silver	—	0.23	—	—	2.00E-01	ug/L	J	J	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Silver	<	0.2	—	—	2.00E-01	ug/L	U	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	2.00E-01	ug/L	U	U	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6020	Silver	<	0.2	—	—	2.00E-01	ug/L	U	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6020	Silver	—	0.81	—	—	2.00E-01	ug/L	J	J	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	2.00E-01	ug/L	U	U	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Silver	<	0.2	—	—	2.00E-01	ug/L	U	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	2.00E-01	ug/L	U	U	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6020	Silver	<	0.2	—	—	2.00E-01	ug/L	U	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	51	—	—	1.00E+00	ug/L	—	—	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.8	—	—	1.00E+00	ug/L	—	—	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	78.3	—	—	1.00E+00	ug/L	—	—	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Strontium	—	79.4	—	—	1.00E+00	ug/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	306	—	—	1.00E+00	ug/L	—	—	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.8	—	—	1.00E+00	ug/L	—	—	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.3	—	—	1.00E+00	ug/L	—	—	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	80	—	—	1.00E+00	ug/L	—	—	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Strontium	—	82.4	—	—	1.00E+00	ug/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	300	—	—	1.00E+00	ug/L	—	—	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.57	—	—	5.00E-02	ug/L	—	—	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6020	Uranium	<	0.22	—	—	5.00E-02	ug/L	—	U	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6020	Uranium	<	0.25	—	—	5.00E-02	ug/L	—	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	F	CS	—	Metals	SW-846:6020	Uranium	<	0.11	—	—	5.00E-02	ug/L	J	U	184479	GF070400P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.03	—	—	5.00E-02	ug/L	—	—	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	5.00E-02	ug/L	—	—	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.38	—	—	5.00E-02	ug/L	—	J	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.41	—	—	5.00E-02	ug/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	04/18/07	WS	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.24	—	—	5.00E-02	ug/L	—	U	184479	GU070400P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.67	—	—	1.00E+00	ug/L	J	J	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5.3	—	—	1.00E+00	ug/L	—	U	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Vanadium	—	1.8	—	—	1.00E+00	ug/L	J	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.4	—	—	1.00E+00	ug/L	J	J	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.2	—	—	1.00E+00	ug/L	J	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.61	—	—	1.00E+00	ug/L	—	—	09-2592	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.4	—	—	1.00E+00	ug/L	—	—	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Vanadium	—	5.7	—	—	1.00E+00	ug/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.1	—	—	1.00E+00	ug/L	J	J	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.2	—	—	1.00E+00	ug/L	J	U	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.85	—	—	3.30E+00	ug/L	J	J	09-2592	CAPU-09-11211	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	16.4	—	—	2.00E+00	ug/L	—	—	08-1805	CAPU-08-14549	GELC
Acid above Pueblo	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Zinc	—	43.7	—	—	2.00E+00	ug/L	—	—	202111	GF080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.6	—	—	2.00E+00	ug/L	J	J	08-499	CAPU-08-9846	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Zinc	—	10.2	—	—	2.00E+00	ug/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	30.9	—	—	3.30E+00	ug/L	—	—	09-2592	CAPU-09-11210	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	33.3	—	—	2.00E+00	ug/L	—	—	08-1805	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Zinc	—	91.6	—	—	2.00E+00	ug/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.9	—	—	2.00E+00	ug/L	J	J	08-499	CAPU-08-9845	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.5	—	—	2.00E+00	ug/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-105	—	0.000131	—	—	2.64E-05	ug/L	B	J	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-106/118	—	0.000301	—	—	2.64E-05	ug/L	B	J	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-107/109	—	0.0000289	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-108/112	—	0.0000281	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-110	—	0.00118	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-124	—	0.000029	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-126	—	0.0000113	—	—	2.64E-05	ug/L	J	J	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-128/162	—	0.000441	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-129	—	0.000109	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-130	—	0.000156	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-132/161	—	0.000649	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-133/142	—	0.0000627	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-134/143	—	0.000119	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-135	—	0.000267	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-136	—	0.000234	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-137	—	0.000139	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-138/163/164	—	0.00214	—	—	2.64E-05	ug/L	B	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-139/149	—	0.00141	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-141	—	0.000352	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-144	—	0.0000571	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-146/165	—	0.000282	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-147	—	0.0000558	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-151	—	0.000343	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-153	—	0.00177	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-156	—	0.0000856	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-157	—	0.0000496	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-158/160	—	0.000183	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-167	—	0.0000826	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-170	—	0.000364	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-171	—	0.000103	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-172	—	0.0000642	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-174	—	0.000416	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-176	—	0.0000468	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-177	—	0.000229	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-178	—	0.000077	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-179	—	0.000174	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-180	—	0.000791	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-182/187	—	0.000417	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-183	—	0.000175	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-185	—	0.0000399	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-189	—	0.0000137	—	—	2.64E-05	ug/L	J	J	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-190	—	0.0000656	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-193	—	0.0000416	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-194	—	0.000107	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-195	—	0.0000568	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-196/203	—	0.000169	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-199	—	0.00018	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-202	—	0.0000374	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-206	—	0.0000662	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-209	—	0.000038	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-43/49	—	0.000029	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-44	—	0.0000308	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-52/69	—	0.000123	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-77	—	0.0000874	—	—	2.64E-05	ug/L	J	J	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-82	—	0.0000593	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-84/92	—	0.000268	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-85/116	—	0.000174	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-87/117/125	—	0.00017	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-88/91	—	0.000168	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-90/101	—	0.000708	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-95/98/102	—	0.000641	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-97	—	0.000179	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-99	—	0.000394	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	Total PCB	—	0.0173	—	—	5.29E-05	ug/L	B	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	Total decaCB	—	0.000038	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	Total heptaCB	—	0.00302	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	Total hexaCB	—	0.00899	—	—	2.64E-05	ug/L	B	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	Total nonaCB	—	0.0000662	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	Total octaCB	—	0.00055	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	Total pentaCB	—	0.00448	—	—	2.64E-05	ug/L	B	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	Total tetraCB	—	0.000192	—	—	2.64E-05	ug/L	—	—	09-2605	CAPU-09-11210	ALTC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Rad	HASL-300	Americium-241	—	0.0728	5.33E-03	3.60E-02	—	pCi/L	—	—	08-1804	CAPU-08-14549	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0045	4.37E-03	5.18E-02	—	pCi/L	U	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.0188	2.48E-03	2.27E-02	—	pCi/L	U	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Rad	HASL-300	Americium-241	—	0.204	8.67E-03	4.10E-02	—	pCi/L	—	—	09-2591	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Rad	HASL-300	Americium-241	—	0.286	1.00E-02	3.40E-02	—	pCi/L	—	—	08-1804	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Americium-241	—	0.0446	4.23E-03	3.07E-02	—	pCi/L	—	J	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Americium-241	—	0.0864	5.60E-03	4.46E-02	—	pCi/L	—	J	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	HASL-300	Americium-241	—	0.051	3.93E-03	2.53E-02	—	pCi/L	—	J	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.191	4.00E-01	4.10E+00	—	pCi/L	U	U	08-1804	CAPU-08-14549	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.74	7.33E-01	7.52E+00	—	pCi/L	U	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.93	5.07E-01	5.81E+00	—	pCi/L	U	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.01	4.67E-01	5.00E+00	—	pCi/L	U	U	09-2591	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.369	5.67E-01	5.50E+00	—	pCi/L	U	U	08-1804	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.37	5.07E-01	3.83E+00	—	pCi/L	U	U	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.62	4.40E-01	3.91E+00	—	pCi/L	U	U	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.66	3.60E-01	3.58E+00	—	pCi/L	U	U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.83	4.67E-01	5.30E+00	—	pCi/L	U	U	08-1804	CAPU-08-14549	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0164	6.60E-01	6.35E+00	—	pCi/L	U	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.896	5.20E-01	5.59E+00	—	pCi/L	U	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.786	4.33E-01	4.60E+00	—	pCi/L	U	U	09-2591	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.86	4.00E-01	4.60E+00	—	pCi/L	U	U	08-1804	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	4.17	8.33E-01	4.13E+00	—	pCi/L	U	R	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.811	4.50E-01	4.75E+00	—	pCi/L	U	U	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.1	3.60E-01	4.60E+00	—	pCi/L	U	U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	16.6	1.00E+00	3.60E+00	—	pCi/L	—	—	09-2591	CAPU-09-11210	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	EPA:900	Gross beta	—	9.3	4.80E-01	3.02E+00	—	pCi/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	EPA:900	Gross beta	—	8.93	3.90E-01	3.80E+00	—	pCi/L	—	J	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	11.9	6.00E-01	3.40E+00	—	pCi/L	—	—	09-2591	CAPU-09-11210	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	12.3	6.87E-01	3.76E+00	—	pCi/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:900	Gross beta	—	12.5	6.27E-01	4.09E+00	—	pCi/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	7.4	3.00E-01	2.31E+00	—	pCi/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	7.34	7.33E+00	2.90E+01	—	pCi/L	U	U	08-1804	CAPU-08-14549	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Gross gamma	<	94.6	3.01E+01	4.53E+02	—	pCi/L	U	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	105	5.53E+01	4.11E+02	—	pCi/L	U	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	68.9	5.00E+01	8.40E+01	—	pCi/L	U	U	09-2591	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	22.8	7.67E+00	3.00E+01	—	pCi/L	U	U	08-1804	CAPU-08-14550	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	42.4	9.63E+00	9.60E+01	—	pCi/L	U	U	190281	GU070700P05601	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	72.8	1.42E+01	2.14E+02	—	pCi/L	U	U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.12	3.67E+00	3.40E+01	—	pCi/L	U	U	08-1804	CAPU-08-14549	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.75	2.50E+00	2.50E+01	—	pCi/L	U	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.93	2.19E+00	2.31E+01	—	pCi/L	U	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.3	3.67E+00	3.60E+01	—	pCi/L	U	U	09-2591	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.12	3.27E+00	3.10E+01	—	pCi/L	U	U	08-1804	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.21	2.80E+00	2.44E+01	—	pCi/L	U	U	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.47	3.50E+00	3.12E+01	—	pCi/L	U	U	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.69	2.54E+00	2.66E+01	—	pCi/L	U	U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0196	2.50E-03	3.90E-02	—	pCi/L	U	U	08-1804	CAPU-08-14549	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00175	1.75E-03	3.36E-02	—	pCi/L	U	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	5.77E-04	1.66E-02	—	pCi/L	U	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0301	3.33E-03	5.30E-02	—	pCi/L	U	U	09-2591	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	—	0.0391	3.10E-03	2.70E-02	—	pCi/L	—	—	08-1804	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00196	3.27E-03	3.59E-02	—	pCi/L	U	U	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0072	2.40E-03	3.46E-02	—	pCi/L	U	U	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.80E-04	1.96E-02	—	pCi/L	U	U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	2.21	4.33E-02	4.80E-02	—	pCi/L	—	—	08-1804	CAPU-08-14549	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.387	1.05E-02	3.08E-02	—	pCi/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.76	1.64E-02	1.93E-02	—	pCi/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	6.54	1.13E-01	6.50E-02	—	pCi/L	—	—	09-2591	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	8.74	1.37E-01	3.30E-02	—	pCi/L	—	—	08-1804	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.598	1.35E-02	4.22E-02	—	pCi/L	—	—	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	1.39	2.65E-02	3.17E-02	—	pCi/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	1.4	2.75E-02	2.29E-02	—	pCi/L	—	—	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	39.8	6.33E+00	3.40E+01	—	pCi/L	UI	R	08-1804	CAPU-08-14549	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Potassium-40	<	9.69	6.87E+00	7.14E+01	—	pCi/L	U	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	21.2	3.09E+00	5.53E+01	—	pCi/L	U	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	6.85	6.33E+00	4.50E+01	—	pCi/L	U	U	09-2591	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	26.5	6.33E+00	6.70E+01	—	pCi/L	U	U	08-1804	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-49.9	7.83E+00	3.92E+01	—	pCi/L	U	U	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	27.6	5.57E+00	4.60E+01	—	pCi/L	U	U	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	29	4.50E+00	5.85E+01	—	pCi/L	U	U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.267	4.00E-01	3.70E+00	—	pCi/L	U	U	08-1804	CAPU-08-14549	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Sodium-22	<	6.49	6.90E-01	5.14E+00	—	pCi/L	UI	R	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.233	4.70E-01	5.44E+00	—	pCi/L	U	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.56	3.67E-01	4.20E+00	—	pCi/L	U	U	09-2591	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.564	4.33E-01	4.30E+00	—	pCi/L	U	U	08-1804	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.545	4.40E-01	4.40E+00	—	pCi/L	U	U	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.359	4.33E-01	4.19E+00	—	pCi/L	U	U	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.442	3.24E-01	4.04E+00	—	pCi/L	U	U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	—	2.6	1.00E-01	4.40E-01	—	pCi/L	—	—	08-1804	CAPU-08-14549	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	EPA:905.0	Strontium-90	—	2.29	7.83E-02	3.84E-01	—	pCi/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.171	3.43E-02	3.41E-01	—	pCi/L	U	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	2.3	7.67E-02	3.50E-01	—	pCi/L	—	—	09-2591	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	2.08	8.67E-02	4.20E-01	—	pCi/L	—	—	08-1804	CAPU-08-14550	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	2.66	8.27E-02	2.85E-01	—	pCi/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0173	3.70E-02	3.95E-01	—	pCi/L	U	U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	0.273	1.40E-02	1.60E-01	—	pCi/L	—	—	08-1804	CAPU-08-14549	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Uranium-234	—	0.182	8.10E-03	3.48E-02	—	pCi/L	—	—	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	0.418	1.44E-02	6.09E-02	—	pCi/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.66	1.83E-02	6.00E-02	—	pCi/L	—	—	09-2591	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.791	2.70E-02	1.60E-01	—	pCi/L	—	—	08-1804	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.48	3.11E-02	5.02E-01	—	pCi/L	U	U	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.298	1.15E-02	3.69E-02	—	pCi/L	—	—	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.608	1.81E-02	5.52E-02	—	pCi/L	—	—	168162	GU060700P05601	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00582	4.33E-03	8.60E-02	—	pCi/L	U	U	08-1804	CAPU-08-14549	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0154	2.31E-03	2.94E-02	—	pCi/L	U	U	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.018	3.63E-03	5.14E-02	—	pCi/L	U	U	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0481	3.67E-03	2.90E-02	—	pCi/L	—	—	09-2591	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0582	8.00E-03	8.60E-02	—	pCi/L	U	U	08-1804	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0524	1.54E-02	2.49E-01	—	pCi/L	U	U	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0228	3.29E-03	3.11E-02	—	pCi/L	U	U	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0131	3.80E-03	4.65E-02	—	pCi/L	U	U	168162	GU060700P05601	GELC
Acid above Pueblo	—	—	08/28/08	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.127	1.03E-02	8.50E-02	—	pCi/L	—	—	08-1804	CAPU-08-14549	GELC
Acid above Pueblo	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0946	5.57E-03	4.69E-02	—	pCi/L	—	J	190281	GF070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.216	9.53E-03	6.48E-02	—	pCi/L	—	—	168162	GF060700P05601	GELC
Acid above Pueblo	—	—	07/09/09	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.338	1.07E-02	2.90E-02	—	pCi/L	—	—	09-2591	CAPU-09-11210	GELC
Acid above Pueblo	—	—	08/28/08	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.358	1.73E-02	8.50E-02	—	pCi/L	—	—	08-1804	CAPU-08-14550	GELC
Acid above Pueblo	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.282	2.46E-02	2.96E-01	—	pCi/L	U	U	202111	GU080100M05601	GELC
Acid above Pueblo	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.124	6.87E-03	4.97E-02	—	pCi/L	—	J	190281	GU070700P05601	GELC
Acid above Pueblo	—	—	07/27/06	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.27	1.04E-02	5.87E-02	—	pCi/L	—	—	168162	GU060700P05601	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	90.6	—	—	7.30E-01	mg/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	84	—	—	7.30E-01	mg/L	—	—	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	86.5	—	—	7.30E-01	mg/L	—	—	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	87.2	—	—	7.30E-01	mg/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	115	—	—	7.25E-01	mg/L	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.114	—	—	6.60E-02	mg/L	J	J	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.129	—	—	6.70E-02	mg/L	J	J	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.108	—	—	6.70E-02	mg/L	J	J	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.123	—	—	6.60E-02	mg/L	J	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	30.6	—	—	5.00E-02	mg/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	28.4	—	—	3.00E-02	mg/L	—	—	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.7	—	—	3.00E-02	mg/L	—	—	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	32.6	—	—	3.00E-02	mg/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	31.4	—	—	3.60E-02	mg/L	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	31.1	—	—	5.00E-02	mg/L	—	—	09-2595	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	28	—	—	3.00E-02	mg/L	—	—	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.1	—	—	3.00E-02	mg/L	—	—	08-1767	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	32.7	—	—	3.00E-02	mg/L	—	—	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	31.1	—	—	3.60E-02	mg/L	—	—	185087	GU070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	22.9	—	—	1.30E-01	mg/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.7	—	—	1.30E-01	mg/L	—	J+	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	25.2	—	—	1.30E-01	mg/L	—	—	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	39	—	—	3.30E-01	mg/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	37.1	—	—	3.30E-01	mg/L	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.545	—	—	3.30E-02	mg/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.492	—	—	3.30E-02	mg/L	—	—	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.474	—	—	3.30E-02	mg/L	—	—	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.34	—	—	3.30E-02	mg/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.357	—	—	3.30E-02	mg/L	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	110	—	—	3.50E-01	mg/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	103	—	—	3.50E-01	mg/L	—	—	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	93.2	—	—	3.50E-01	mg/L	—	—	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	114	—	—	4.30E-01	mg/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	113	—	—	4.40E-01	mg/L	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	114	—	—	3.50E-01	mg/L	—	—	09-2595	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	101	—	—	3.50E-01	mg/L	—	—	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	98.9	—	—	3.50E-01	mg/L	—	—	08-1767	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	115	—	—	4.30E-01	mg/L	—	—	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	111	—	—	4.40E-01	mg/L	—	—	185087	GU070400GGSB01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.27	—	—	8.50E-02	mg/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.77	—	—	8.50E-02	mg/L	—	—	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.07	—	—	8.50E-02	mg/L	—	—	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.04	—	—	8.50E-02	mg/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.27	—	—	8.50E-02	mg/L	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.68	—	—	8.50E-02	mg/L	—	—	09-2595	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.68	—	—	8.50E-02	mg/L	—	—	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.6	—	—	8.50E-02	mg/L	—	—	08-1767	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.12	—	—	8.50E-02	mg/L	—	—	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.16	—	—	8.50E-02	mg/L	—	—	185087	GU070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.67	—	—	1.00E-01	mg/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.3	—	—	1.00E-01	mg/L	—	—	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	6.53	—	—	1.00E-01	mg/L	—	J	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	10.6	—	—	2.50E-01	mg/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	6.92	—	—	1.00E-01	mg/L	—	J	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	3.8	—	—	2.50E-01	ug/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	4.39	—	—	5.00E-01	ug/L	—	—	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	3.28	—	—	2.50E-01	ug/L	—	—	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	1.18	—	—	1.00E-01	ug/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	1.38	—	—	1.00E-01	ug/L	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.89	—	—	5.00E-02	mg/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.01	—	—	5.00E-02	mg/L	—	—	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.12	—	—	5.00E-02	mg/L	—	—	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.36	—	—	5.00E-02	mg/L	E	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.71	—	—	5.00E-02	mg/L	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.97	—	—	5.00E-02	mg/L	—	—	09-2595	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.89	—	—	5.00E-02	mg/L	—	—	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.53	—	—	5.00E-02	mg/L	—	—	08-1767	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.37	—	—	5.00E-02	mg/L	E	—	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.61	—	—	5.00E-02	mg/L	—	—	185087	GU070400GGSB01	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	53.5	—	—	3.20E-02	mg/L	—	J	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	28.8	—	—	1.00E-01	mg/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	25.6	—	—	4.50E-02	mg/L	—	—	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	28.5	—	—	4.50E-02	mg/L	—	—	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	46	—	—	4.50E-02	mg/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	51.1	—	—	4.50E-02	mg/L	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	27	—	—	1.00E-01	mg/L	—	—	09-2595	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	25.2	—	—	4.50E-02	mg/L	—	—	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	28.2	—	—	4.50E-02	mg/L	—	—	08-1767	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	46.2	—	—	4.50E-02	mg/L	—	—	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	49.1	—	—	4.50E-02	mg/L	—	J	185087	GU070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	349	—	—	1.00E+00	uS/cm	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	331	—	—	1.00E+00	uS/cm	—	—	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	175	—	—	1.00E+00	uS/cm	—	—	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	469	—	—	1.00E+00	uS/cm	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	483	—	—	1.00E+00	uS/cm	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	23	—	—	1.00E-01	mg/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	24.3	—	—	1.00E-01	mg/L	—	—	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	23	—	—	1.00E-01	mg/L	—	—	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	31.6	—	—	1.00E-01	mg/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	22.8	—	—	1.00E-01	mg/L	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	1.51	—	—	1.10E+00	mg/L	J	J	09-2595	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	10	—	—	2.30E+00	mg/L	U	U	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	3.6	—	—	2.30E+00	mg/L	J	J	08-1767	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	5	—	—	1.10E+00	mg/L	U	U	08-576	CALA-08-9808	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	1.14	—	—	1.14E+00	mg/L	U	—	185087	GU070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	240	—	—	2.40E+00	mg/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	206	—	—	2.40E+00	mg/L	—	J	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	238	—	—	2.40E+00	mg/L	—	J	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	333	—	—	2.40E+00	mg/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	289	—	—	2.38E+00	mg/L	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.921	—	—	3.30E-01	mg/L	J	J	09-2595	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.978	—	—	3.30E-01	mg/L	J	J	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.644	—	—	3.30E-01	mg/L	J	J	08-1766	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.4	—	—	3.30E-01	mg/L	—	—	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	3.65	—	—	3.30E-01	mg/L	—	U	185087	GU070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.918	—	—	1.50E-02	mg/L	—	J	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.703	—	—	2.40E-02	mg/L	—	J	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	1.11	—	—	2.40E-02	mg/L	—	—	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.12	—	—	2.40E-02	mg/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.13	—	—	2.40E-02	mg/L	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.43	—	—	1.00E-02	SU	H	J-	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.16	—	—	1.00E-02	SU	H	J-	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.52	—	—	1.00E-02	SU	H	J-	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.02	—	—	1.00E-02	SU	H	J-	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.86	—	—	1.00E-02	SU	H	J	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	104	—	—	6.80E+01	ug/L	J	J	09-2595	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	101	—	—	6.80E+01	ug/L	J	J	08-1767	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	185087	GU070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	64.1	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	60.9	—	—	1.00E+00	ug/L	—	—	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	58.8	—	—	1.00E+00	ug/L	—	J	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	85.2	—	—	1.00E+00	ug/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	84.6	—	—	1.00E+00	ug/L	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	66.4	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	59.6	—	—	1.00E+00	ug/L	—	—	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	62.8	—	—	1.00E+00	ug/L	—	J	08-1767	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	85.5	—	—	1.00E+00	ug/L	—	—	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	85	—	—	1.00E+00	ug/L	—	—	185087	GU070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	84.7	—	—	1.50E+01	ug/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	81.6	—	—	1.00E+01	ug/L	—	J	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	86.3	—	—	1.00E+01	ug/L	—	—	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	207	—	—	1.00E+01	ug/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	172	—	—	1.00E+01	ug/L	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	87.2	—	—	1.50E+01	ug/L	—	—	09-2595	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	83.3	—	—	1.00E+01	ug/L	—	J	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	90.2	—	—	1.00E+01	ug/L	—	—	08-1767	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	207	—	—	1.00E+01	ug/L	—	—	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	170	—	—	1.00E+01	ug/L	—	—	185087	GU070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.99	—	—	2.50E+00	ug/L	J	J	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.6	—	—	1.50E+00	ug/L	J	J	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3.8	—	—	1.50E+00	ug/L	—	U	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3.7	—	—	1.00E+00	ug/L	—	U	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.24	—	—	2.50E+00	ug/L	J	J	09-2595	CALA-09-11188	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.8	—	—	1.50E+00	ug/L	J	J	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.1	—	—	1.50E+00	ug/L	J	J	08-1767	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1.6	—	—	1.00E+00	ug/L	J	U	185087	GU070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	35.6	—	—	3.00E+01	ug/L	J	J	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	21.1	—	—	1.80E+01	ug/L	J	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	57.8	—	—	3.00E+01	ug/L	J	J	09-2595	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	54.3	—	—	2.50E+01	ug/L	J	J	08-1767	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	19	—	—	1.80E+01	ug/L	J	—	185087	GU070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.64	—	—	1.00E-01	ug/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.6	—	—	1.00E-01	ug/L	—	—	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.8	—	—	1.00E-01	ug/L	—	J	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.9	—	—	2.00E+00	ug/L	J	J	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.3	—	—	2.00E+00	ug/L	J	U	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.7	—	—	1.00E-01	ug/L	—	—	09-2595	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.7	—	—	1.00E-01	ug/L	—	—	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3	—	—	1.00E-01	ug/L	—	J	08-1767	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3	—	—	2.00E+00	ug/L	J	J	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	4.1	—	—	2.00E+00	ug/L	J	—	185087	GU070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.1	—	—	5.00E-01	ug/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.3	—	—	5.00E-01	ug/L	—	—	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.8	—	—	5.00E-01	ug/L	—	—	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	6.4	—	—	5.00E-01	ug/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	8.4	—	—	5.00E-01	ug/L	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.19	—	—	5.00E-01	ug/L	—	—	09-2595	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.4	—	—	5.00E-01	ug/L	—	—	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.2	—	—	5.00E-01	ug/L	—	—	08-1767	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	7	—	—	5.00E-01	ug/L	—	—	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	8.2	—	—	5.00E-01	ug/L	—	—	185087	GU070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.23	—	—	1.00E+00	ug/L	J	J	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	2.3	—	—	1.00E+00	ug/L	J	J	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.1	—	—	1.00E+00	ug/L	J	J	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	ug/L	U	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.24	—	—	1.00E+00	ug/L	J	J	09-2595	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.3	—	—	1.00E+00	ug/L	J	J	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	08-1767	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1.00E+00	ug/L	U	U	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	2.5	—	—	2.50E+00	ug/L	U	—	185087	GU070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	49.3	—	—	5.30E-02	mg/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	49.8	—	—	3.20E-02	mg/L	—	J	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	46.4	—	—	3.20E-02	mg/L	—	—	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56.2	—	—	3.20E-02	mg/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	164	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	149	—	—	1.00E+00	ug/L	—	—	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	124	—	—	1.00E+00	ug/L	—	—	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	172	—	—	1.00E+00	ug/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	167	—	—	1.00E+00	ug/L	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	147	—	—	1.00E+00	ug/L	—	—	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	132	—	—	1.00E+00	ug/L	—	—	08-1767	CALA-08-13921	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	173	—	—	1.00E+00	ug/L	—	—	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	166	—	—	1.00E+00	ug/L	—	—	185087	GU070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.44	—	—	5.00E-02	ug/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.61	—	—	5.00E-02	ug/L	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.32	—	—	5.00E-02	ug/L	—	—	09-2595	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	—	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	08-1767	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.44	—	—	5.00E-02	ug/L	—	—	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.56	—	—	5.00E-02	ug/L	—	—	185087	GU070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.69	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11187	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.2	—	—	1.00E+00	ug/L	—	—	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.4	—	—	1.00E+00	ug/L	—	—	08-1767	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.6	—	—	1.00E+00	ug/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.4	—	—	1.00E+00	ug/L	—	—	185087	GF070400GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.01	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.2	—	—	1.00E+00	ug/L	—	—	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6	—	—	1.00E+00	ug/L	—	—	08-1767	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.7	—	—	1.00E+00	ug/L	—	—	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	6.4	—	—	1.00E+00	ug/L	—	U	185087	GU070400GGSB01	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0153	3.30E-03	3.40E-02	—	pCi/L	U	U	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00653	1.17E-03	2.60E-02	—	pCi/L	U	U	08-1768	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.000195	7.67E-04	4.00E-02	—	pCi/L	U	U	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	08/08/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.000584	1.01E-03	2.26E-02	—	pCi/L	U	U	168892	GF060700GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00145	3.33E-03	3.70E-02	—	pCi/L	U	U	09-2594	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0281	2.97E-03	3.00E-02	—	pCi/L	U	U	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00819	1.30E-03	2.60E-02	—	pCi/L	U	U	08-1768	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000749	1.37E-03	3.70E-02	—	pCi/L	U	U	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	08/08/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00336	9.60E-04	2.29E-02	—	pCi/L	U	U	168892	GU060700GGSB01	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.518	4.00E-01	4.00E+00	—	pCi/L	U	U	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.71	4.00E-01	4.30E+00	—	pCi/L	U	U	08-1768	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.361	4.00E-01	3.70E+00	—	pCi/L	U	U	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	08/08/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.157	4.03E-01	3.91E+00	—	pCi/L	U	U	168892	GF060700GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.909	4.67E-01	4.70E+00	—	pCi/L	U	U	09-2594	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.64	4.00E-01	3.80E+00	—	pCi/L	U	U	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.53	4.33E-01	4.90E+00	—	pCi/L	U	U	08-1768	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.971	5.67E-01	5.60E+00	—	pCi/L	U	U	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	08/08/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.97	4.03E-01	4.22E+00	—	pCi/L	U	U	168892	GU060700GGSB01	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0818	4.00E-01	4.00E+00	—	pCi/L	U	U	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.745	4.00E-01	3.60E+00	—	pCi/L	U	U	08-1768	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.524	3.67E-01	3.80E+00	—	pCi/L	U	U	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	08/08/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.9	4.37E-01	4.72E+00	—	pCi/L	U	U	168892	GF060700GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.565	5.67E-01	5.70E+00	—	pCi/L	U	U	09-2594	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.29	4.67E-01	5.00E+00	—	pCi/L	U	U	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.43	4.33E-01	3.70E+00	—	pCi/L	U	U	08-1768	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.06	6.00E-01	5.50E+00	—	pCi/L	U	U	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	08/08/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.14	4.03E-01	4.21E+00	—	pCi/L	U	U	168892	GU060700GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.398	2.20E-01	2.80E+00	—	pCi/L	U	U	09-2594	CALA-09-11188	GELC
Basalt Spring	—	—	08/08/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	9.29	2.04E-01	1.13E+00	—	pCi/L	—	—	168892	GF060700GGSB01	GELC
Basalt Spring	—	—	05/11/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	8.01	2.93E-01	2.60E+00	—	pCi/L	—	—	136421	GF05050GGSB01	GELC
Basalt Spring	—	—	08/25/04	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.43	2.32E-01	2.27E+00	—	pCi/L	U	U	120146	GF04080GGSB01	GELC
Basalt Spring	—	—	07/22/03	WG	F	CS	—	Rad	EPA:900	Gross beta	—	8.13	2.60E-01	2.26E+00	—	pCi/L	—	—	84883	GF03070GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.29	5.00E-01	3.90E+00	—	pCi/L	—	—	09-2594	CALA-09-11188	GELC
Basalt Spring	—	—	08/08/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.67	1.99E-01	1.30E+00	—	pCi/L	—	—	168892	GU060700GGSB01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Basalt Spring	—	—	05/11/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	8.48	3.25E-01	2.56E+00	—	pCi/L	—	J	136421	GU05050GGSB01	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	30.4	5.33E+00	2.40E+01	—	pCi/L	—	U	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	6.9	2.77E+00	1.60E+01	—	pCi/L	U	U	08-1768	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	190	5.33E+01	4.10E+02	—	pCi/L	U	U	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	08/08/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	102	2.37E+01	3.15E+02	—	pCi/L	U	U	168892	GF060700GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	99.6	1.43E+01	9.70E+01	—	pCi/L	—	U	09-2594	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	30.6	7.67E+00	5.20E+01	—	pCi/L	U	U	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	83.2	1.67E+01	2.30E+02	—	pCi/L	U	U	08-1768	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	165	3.67E+01	4.40E+02	—	pCi/L	U	U	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	08/08/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	70.6	2.13E+01	2.68E+02	—	pCi/L	U	U	168892	GU060700GGSB01	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.02	3.00E+00	3.10E+01	—	pCi/L	U	U	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.6	2.97E+00	2.80E+01	—	pCi/L	U	U	08-1768	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	29.4	4.00E+00	2.90E+01	—	pCi/L	U	R	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	08/08/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	14.3	2.97E+00	2.58E+01	—	pCi/L	U	U	168892	GF060700GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	19.6	4.33E+00	4.00E+01	—	pCi/L	U	U	09-2594	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-10.1	3.67E+00	3.40E+01	—	pCi/L	U	U	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.35	2.97E+00	2.90E+01	—	pCi/L	U	U	08-1768	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	14.6	2.97E+00	2.20E+01	—	pCi/L	U	U	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	08/08/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.67	2.57E+00	2.59E+01	—	pCi/L	U	U	168892	GU060700GGSB01	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	9.00E-04	4.00E-02	—	pCi/L	U	U	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0197	3.67E-03	2.80E-02	—	pCi/L	U	U	08-1768	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00765	2.23E-03	2.80E-02	—	pCi/L	U	U	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	08/08/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00384	1.57E-03	1.84E-02	—	pCi/L	U	U	168892	GF060700GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.90E-03	3.20E-02	—	pCi/L	U	U	09-2594	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	1.57E-10	1.23E-03	4.00E-02	—	pCi/L	U	U	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-1.81E-09	2.37E-03	2.70E-02	—	pCi/L	U	U	08-1768	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00302	2.00E-03	2.80E-02	—	pCi/L	U	U	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	08/08/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.52E-03	2.20E-02	—	pCi/L	U	U	168892	GU060700GGSB01	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00264	3.17E-03	4.70E-02	—	pCi/L	U	U	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0118	2.47E-03	3.40E-02	—	pCi/L	U	U	08-1768	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0107	1.53E-03	3.30E-02	—	pCi/L	U	U	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	08/08/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0154	2.04E-03	2.15E-02	—	pCi/L	U	U	168892	GF060700GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0202	2.37E-03	4.00E-02	—	pCi/L	U	U	09-2594	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00263	1.53E-03	4.70E-02	—	pCi/L	U	U	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0057	1.67E-03	3.20E-02	—	pCi/L	U	U	08-1768	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00604	1.73E-03	3.30E-02	—	pCi/L	U	U	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	08/08/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.016	2.96E-03	2.56E-02	—	pCi/L	U	U	168892	GU060700GGSB01	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-6.3	6.00E+00	5.90E+01	—	pCi/L	U	U	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	1.57	6.00E+00	6.20E+01	—	pCi/L	U	U	08-1768	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	8.75	5.67E+00	5.60E+01	—	pCi/L	U	U	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	08/08/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	25.4	3.93E+00	3.54E+01	—	pCi/L	U	U	168892	GF060700GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	29.7	6.00E+00	4.10E+01	—	pCi/L	U	U	09-2594	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0.682	5.67E+00	6.30E+01	—	pCi/L	U	U	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	60.4	5.67E+00	3.90E+01	—	pCi/L	U	R	08-1768	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14.9	6.67E+00	6.80E+01	—	pCi/L	U	U	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	08/08/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	49.5	7.73E+00	3.70E+01	—	pCi/L	U	R	168892	GU060700GGSB01	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.94	4.33E-01	3.80E+00	—	pCi/L	U	U	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.8	4.33E-01	4.90E+00	—	pCi/L	U	U	08-1768	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0932	4.67E-01	4.50E+00	—	pCi/L	U	U	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	08/08/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.04	4.20E-01	4.59E+00	—	pCi/L	U	U	168892	GF060700GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.222	5.00E-01	4.80E+00	—	pCi/L	U	U	09-2594	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.785	4.33E-01	4.40E+00	—	pCi/L	U	U	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.19	4.67E-01	4.90E+00	—	pCi/L	U	U	08-1768	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.327	5.00E-01	5.00E+00	—	pCi/L	U	U	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	08/08/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.163	3.90E-01	4.46E+00	—	pCi/L	U	U	168892	GU060700GGSB01	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.283	5.00E-02	4.90E-01	—	pCi/L	U	U	09-630	CALA-09-1698	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.357	5.00E-02	4.80E-01	—	pCi/L	U	U	08-1768	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.17	3.07E-02	3.00E-01	—	pCi/L	U	U	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	08/08/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.302	3.12E-02	2.99E-01	—	pCi/L	—	J	168892	GF060700GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.572	5.00E-02	4.50E-01	—	pCi/L	—	—	09-2594	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0477	4.00E-02	4.70E-01	—	pCi/L	U	U	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.025	2.70E-02	3.10E-01	—	pCi/L	U	U	08-1768	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.268	5.00E-02	4.70E-01	—	pCi/L	U	U	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	08/08/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0759	3.23E-02	3.27E-01	—	pCi/L	U	U	168892	GU060700GGSB01	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.623	2.33E-02	1.50E-01	—	pCi/L	—	J+	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.543	1.43E-02	5.80E-02	—	pCi/L	—	—	08-1768	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.306	9.67E-03	6.00E-02	—	pCi/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	08/08/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.33	1.19E-02	5.22E-02	—	pCi/L	—	—	168892	GF060700GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.691	2.10E-02	9.10E-02	—	pCi/L	—	—	09-2594	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.782	2.90E-02	1.90E-01	—	pCi/L	—	J+	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.611	1.53E-02	5.40E-02	—	pCi/L	—	—	08-1768	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.292	9.67E-03	6.30E-02	—	pCi/L	—	—	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	08/08/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.326	1.50E-02	7.23E-02	—	pCi/L	—	—	168892	GU060700GGSB01	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.025	4.33E-03	7.30E-02	—	pCi/L	U	U	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0145	2.10E-03	3.10E-02	—	pCi/L	U	U	08-1768	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0165	2.20E-03	3.00E-02	—	pCi/L	U	U	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	08/08/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0309	3.90E-03	4.40E-02	—	pCi/L	U	U	168892	GF060700GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0354	3.67E-03	4.50E-02	—	pCi/L	U	U	09-2594	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0574	6.67E-03	9.30E-02	—	pCi/L	U	U	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0372	2.93E-03	2.90E-02	—	pCi/L	—	—	08-1768	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0175	2.53E-03	3.10E-02	—	pCi/L	U	U	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	08/08/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0257	6.07E-03	6.10E-02	—	pCi/L	U	U	168892	GU060700GGSB01	GELC
Basalt Spring	—	—	01/13/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.449	1.80E-02	7.70E-02	—	pCi/L	—	J+	09-630	CALA-09-1698	GELC
Basalt Spring	—	—	08/25/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.327	1.00E-02	3.00E-02	—	pCi/L	—	—	08-1768	CALA-08-13920	GELC
Basalt Spring	—	—	01/25/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.196	7.33E-03	3.50E-02	—	pCi/L	—	—	08-576	CALA-08-9806	GELC
Basalt Spring	—	—	08/08/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.225	9.50E-03	5.55E-02	—	pCi/L	—	—	168892	GF060700GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.44	1.50E-02	4.50E-02	—	pCi/L	—	—	09-2594	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.48	2.07E-02	9.80E-02	—	pCi/L	—	J+	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	08/25/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.336	1.00E-02	2.90E-02	—	pCi/L	—	—	08-1768	CALA-08-13921	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.2	7.67E-03	3.70E-02	—	pCi/L	—	—	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	08/08/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.163	1.03E-02	7.69E-02	—	pCi/L	—	J	168892	GU060700GGSB01	GELC
Basalt Spring	—	—	07/09/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.34	—	—	3.00E-01	ug/L	J	J	09-2593	CALA-09-11188	GELC
Basalt Spring	—	—	01/13/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-630	CALA-09-1697	GELC
Basalt Spring	—	—	01/25/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	UJ	08-576	CALA-08-9808	GELC
Basalt Spring	—	—	04/26/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	UJ	185087	GU070400GGSB01	GELC
Basalt Spring	—	—	08/08/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	168892	GU060700GGSB01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	5.21	—	—	7.30E-01	mg/L	—	—	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1	—	—	7.30E-01	mg/L	U	U	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1	—	—	7.30E-01	mg/L	U	U	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	2	—	—	7.25E-01	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	04/18/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	0.84	—	—	7.25E-01	mg/L	J	—	184649	GF070400GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	89.5	—	—	7.30E-01	mg/L	—	—	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	78.4	—	—	7.30E-01	mg/L	—	—	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.4	—	—	7.30E-01	mg/L	—	—	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	95	—	—	7.25E-01	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	04/18/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	92.4	—	—	7.25E-01	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.1	—	—	5.00E-02	mg/L	N	J+	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.5	—	—	3.00E-02	mg/L	—	—	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	28	—	—	3.00E-02	mg/L	—	—	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25	—	—	3.00E-02	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.4	—	—	5.00E-02	mg/L	N	J+	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.1	—	—	3.00E-02	mg/L	—	—	08-1830	CALA-08-13813	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP Spring	—	—	01/18/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	28.5	—	—	3.00E-02	mg/L	—	—	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.8	—	—	3.00E-02	mg/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	87	—	—	6.60E-01	mg/L	—	—	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	77	—	—	6.60E-01	mg/L	—	—	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	113	—	—	6.60E-01	mg/L	—	—	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	101	—	—	6.60E-01	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	04/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	175	—	—	1.32E+00	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.756	—	—	3.30E-02	mg/L	—	J-	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.838	—	—	3.30E-02	mg/L	—	—	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.658	—	—	3.30E-02	mg/L	—	J-	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.743	—	—	3.30E-02	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	04/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.67	—	—	3.30E-02	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	55.4	—	—	3.50E-01	mg/L	—	—	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.2	—	—	3.50E-01	mg/L	—	—	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	81.6	—	—	4.30E-01	mg/L	—	—	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.8	—	—	4.25E-01	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	59.5	—	—	3.50E-01	mg/L	—	—	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.2	—	—	3.50E-01	mg/L	—	—	08-1830	CALA-08-13813	GELC
DP Spring	—	—	01/18/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	83.1	—	—	4.30E-01	mg/L	—	—	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.3	—	—	4.25E-01	mg/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.9	—	—	8.50E-02	mg/L	—	—	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.72	—	—	8.50E-02	mg/L	—	—	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	8.50E-02	mg/L	—	—	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.52	—	—	8.50E-02	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.08	—	—	8.50E-02	mg/L	—	—	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.71	—	—	8.50E-02	mg/L	—	—	08-1830	CALA-08-13813	GELC
DP Spring	—	—	01/18/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	8.50E-02	mg/L	—	—	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.61	—	—	8.50E-02	mg/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0419	—	—	1.00E-02	mg/L	J	J	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.21	—	—	5.00E-02	mg/L	J	J	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.394	—	—	1.00E-02	mg/L	—	—	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.164	—	—	1.00E-02	mg/L	—	J-	190152	GF070700GSPD01	GELC
DP Spring	—	—	04/18/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.233	—	—	1.00E-02	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.139	—	—	5.00E-02	ug/L	J	J	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.175	—	—	5.00E-02	ug/L	J	J+	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.232	—	—	5.00E-02	ug/L	—	—	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.228	—	—	5.00E-02	ug/L	—	J	190152	GF070700GSPD01	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	04/18/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.168	—	—	5.00E-02	ug/L	J	—	184649	GF070400GSPD01	GELC
DP Spring	—	—	04/18/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	184649	GF070400GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.09	—	—	5.00E-02	mg/L	—	—	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.33	—	—	5.00E-02	mg/L	—	—	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.3	—	—	5.00E-02	mg/L	—	—	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.1	—	—	5.00E-02	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.72	—	—	5.00E-02	mg/L	—	—	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.4	—	—	5.00E-02	mg/L	—	—	08-1830	CALA-08-13813	GELC
DP Spring	—	—	01/18/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.4	—	—	5.00E-02	mg/L	—	—	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.6	—	—	5.00E-02	mg/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	15.2	—	—	3.20E-02	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	13.5	—	—	3.20E-02	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	72.3	—	—	1.00E-01	mg/L	—	—	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	62.9	—	—	4.50E-02	mg/L	—	—	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	67.3	—	—	4.50E-02	mg/L	—	—	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	89.1	—	—	4.50E-02	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	78.4	—	—	1.00E-01	mg/L	—	—	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	63.1	—	—	4.50E-02	mg/L	—	—	08-1830	CALA-08-13813	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP Spring	—	—	01/18/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	68.3	—	—	4.50E-02	mg/L	—	—	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	93.1	—	—	4.50E-02	mg/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	523	—	—	1.00E+00	uS/cm	—	—	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	450	—	—	1.00E+00	uS/cm	—	—	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	544	—	—	1.00E+00	uS/cm	—	—	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	600	—	—	1.00E+00	uS/cm	—	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	04/18/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	850	—	—	1.00E+00	uS/cm	—	—	184649	GF070400GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.22	—	—	1.00E-01	mg/L	—	—	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.81	—	—	1.00E-01	mg/L	—	J-	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.2	—	—	1.00E-01	mg/L	—	—	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.44	—	—	1.00E-01	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	04/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.66	—	—	1.00E-01	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	8.4	—	—	2.30E+00	mg/L	J	J	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	10	—	—	2.30E+00	mg/L	U	U	08-1830	CALA-08-13813	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	8.2	—	—	1.14E+00	mg/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	04/18/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	11.6	—	—	2.28E+00	mg/L	—	—	184649	GU070400GSPD01	GELC
DP Spring	—	—	08/03/06	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	3	—	—	1.43E+00	mg/L	J	—	168597	GU060700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	272	—	—	2.40E+00	mg/L	—	—	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	259	—	—	2.40E+00	mg/L	—	—	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	308	—	—	2.40E+00	mg/L	—	—	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	317	—	—	2.38E+00	mg/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	04/18/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	448	—	—	2.38E+00	mg/L	—	—	184649	GF070400GSPD01	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.091	—	—	2.90E-02	mg/L	J	JN-	190152	GF070700GSPD01	GELC
DP Spring	—	—	04/18/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	184649	GF070400GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.124	—	—	3.30E-02	mg/L	—	J-	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.112	—	—	2.90E-02	mg/L	—	U	08-1830	CALA-08-13813	GELC
DP Spring	—	—	01/18/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.283	—	—	2.90E-02	mg/L	—	—	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.147	—	—	2.90E-02	mg/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	04/18/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	184649	GU070400GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.5	—	—	3.30E-01	mg/L	—	J	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.63	—	—	3.30E-01	mg/L	—	—	08-1830	CALA-08-13813	GELC
DP Spring	—	—	01/18/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.83	—	—	3.30E-01	mg/L	—	—	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.49	—	—	3.30E-01	mg/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	04/18/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.71	—	—	3.30E-01	mg/L	—	—	184649	GU070400GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.118	—	—	1.50E-02	mg/L	—	—	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.127	—	—	2.40E-02	mg/L	—	U	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.065	—	—	2.40E-02	mg/L	—	U	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.083	—	—	2.40E-02	mg/L	—	U	190152	GF070700GSPD01	GELC
DP Spring	—	—	04/18/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.078	—	—	2.40E-02	mg/L	—	U	184649	GF070400GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.58	—	—	1.00E-02	SU	H	J-	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	1.00E-02	SU	H	J-	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.07	—	—	1.00E-02	SU	H	J-	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.46	—	—	1.00E-02	SU	H	J	190152	GF070700GSPD01	GELC
DP Spring	—	—	04/18/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.87	—	—	1.00E-02	SU	H	J	184649	GF070400GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	126	—	—	6.80E+01	ug/L	J	J	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	314	—	—	6.80E+01	ug/L	—	—	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	321	—	—	6.80E+01	ug/L	—	—	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1140	—	—	6.80E+01	ug/L	—	—	08-1830	CALA-08-13813	GELC
DP Spring	—	—	01/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	306	—	—	6.80E+01	ug/L	—	—	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	452	—	—	6.80E+01	ug/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	60.8	—	—	1.00E+00	ug/L	—	—	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	58.8	—	—	1.00E+00	ug/L	—	—	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	83.1	—	—	1.00E+00	ug/L	—	—	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	79.4	—	—	1.00E+00	ug/L	—	—	190152	GF070700GSPD01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP Spring	—	—	07/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	67.4	—	—	1.00E+00	ug/L	—	—	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	61.3	—	—	1.00E+00	ug/L	—	—	08-1830	CALA-08-13813	GELC
DP Spring	—	—	01/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	85.8	—	—	1.00E+00	ug/L	—	—	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	83.2	—	—	1.00E+00	ug/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	27.1	—	—	1.50E+01	ug/L	J	J	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	26.1	—	—	1.00E+01	ug/L	J	J	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	35.5	—	—	1.00E+01	ug/L	J	J	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	25.3	—	—	1.00E+01	ug/L	J	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	28	—	—	1.50E+01	ug/L	J	J	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	27.5	—	—	1.00E+01	ug/L	J	J	08-1830	CALA-08-13813	GELC
DP Spring	—	—	01/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	38.8	—	—	1.00E+01	ug/L	J	J	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	29.4	—	—	1.00E+01	ug/L	J	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.93	—	—	2.50E+00	ug/L	J	J	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.6	—	—	1.00E+00	ug/L	J	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.87	—	—	2.50E+00	ug/L	J	J	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	08-1830	CALA-08-13813	GELC
DP Spring	—	—	01/18/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	1.00E+00	ug/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	3.31	—	—	1.00E+00	ug/L	J	J	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1.00E+00	ug/L	U	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	08-1830	CALA-08-13813	GELC
DP Spring	—	—	01/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1.00E+00	ug/L	U	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.71	—	—	2.00E+00	ug/L	J	J	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.24	—	—	2.00E+00	ug/L	J	J	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.8	—	—	2.00E+00	ug/L	J	J	08-1830	CALA-08-13813	GELC
DP Spring	—	—	01/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.2	—	—	2.00E+00	ug/L	J	J	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.8	—	—	2.00E+00	ug/L	J	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.13	—	—	1.00E-01	ug/L	—	—	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.6	—	—	1.00E-01	ug/L	—	J	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.4	—	—	2.00E+00	ug/L	J	J	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	5	—	—	2.00E+00	ug/L	J	U	190152	GF070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3	—	—	1.00E-01	ug/L	—	—	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.7	—	—	1.00E-01	ug/L	—	J	08-1830	CALA-08-13813	GELC
DP Spring	—	—	01/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.6	—	—	2.00E+00	ug/L	J	J	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.3	—	—	2.00E+00	ug/L	J	U	190152	GU070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.72	—	—	5.00E-01	ug/L	J	J	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	J	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	ug/L	J	J	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.17	—	—	5.00E-01	ug/L	J	J	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	J	08-1830	CALA-08-13813	GELC
DP Spring	—	—	01/18/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	J	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	ug/L	J	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	14.6	—	—	5.30E-02	mg/L	—	—	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	17.9	—	—	3.20E-02	mg/L	—	—	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	15.7	—	—	3.20E-02	mg/L	—	—	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	112	—	—	1.00E+00	ug/L	—	—	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	97.6	—	—	1.00E+00	ug/L	—	—	08-1830	CALA-08-13812	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP Spring	—	—	01/18/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	162	—	—	1.00E+00	ug/L	—	—	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	153	—	—	1.00E+00	ug/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	122	—	—	1.00E+00	ug/L	—	—	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	97	—	—	1.00E+00	ug/L	—	—	08-1830	CALA-08-13813	GELC
DP Spring	—	—	01/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	165	—	—	1.00E+00	ug/L	—	—	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	ug/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.334	—	—	3.00E-01	ug/L	J	J	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.43	—	—	3.00E-01	ug/L	J	J	08-1830	CALA-08-13813	GELC
DP Spring	—	—	01/18/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.3	—	—	3.00E-01	ug/L	J	J	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.12	—	—	1.00E+00	ug/L	J	J	09-2709	CALA-09-11084	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.2	—	—	1.00E+00	ug/L	J	J	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.4	—	—	1.00E+00	ug/L	J	J	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3	—	—	1.00E+00	ug/L	J	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.18	—	—	1.00E+00	ug/L	J	J	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4	—	—	1.00E+00	ug/L	J	J	08-1830	CALA-08-13813	GELC
DP Spring	—	—	01/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.8	—	—	1.00E+00	ug/L	J	J	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.7	—	—	1.00E+00	ug/L	J	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	4.4	—	—	2.00E+00	ug/L	J	U	08-1830	CALA-08-13812	GELC
DP Spring	—	—	01/18/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.4	—	—	2.00E+00	ug/L	J	U	08-539	CALA-08-9813	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.54	—	—	3.30E+00	ug/L	J	J	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	6.9	—	—	2.00E+00	ug/L	J	U	08-1830	CALA-08-13813	GELC
DP Spring	—	—	01/18/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	4.3	—	—	2.00E+00	ug/L	J	U	08-539	CALA-08-9811	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0136	2.43E-03	2.60E-02	—	pCi/L	U	U	08-1830	CALA-08-13812	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00715	8.00E-04	3.87E-02	—	pCi/L	U	U	190152	GF070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	F	CS	—	Rad	HASL-300	Americium-241	—	0.216	1.00E-02	2.76E-02	—	pCi/L	—	J+	168597	GF060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	F	CS	—	Rad	HASL-300	Americium-241	—	0.0332	3.43E-03	3.30E-02	—	pCi/L	—	J	136047	GF05050GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	—	0.0302	2.43E-03	2.80E-02	—	pCi/L	—	—	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	—	0.0748	5.67E-03	2.80E-02	—	pCi/L	—	—	08-1830	CALA-08-13813	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00783	1.37E-03	3.45E-02	—	pCi/L	U	U	190152	GU070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	—	0.288	1.15E-02	3.02E-02	—	pCi/L	—	J+	168597	GU060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0165	2.76E-03	3.30E-02	—	pCi/L	U	U	136047	GU05050GSPD01	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.7	4.33E-01	4.70E+00	—	pCi/L	U	U	08-1830	CALA-08-13812	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.35	4.77E-01	5.02E+00	—	pCi/L	U	U	190152	GF070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	3.92	4.50E-01	4.07E+00	—	pCi/L	U	U	168597	GF060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.066	2.74E-01	2.56E+00	—	pCi/L	U	U	136047	GF05050GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.44	4.67E-01	4.90E+00	—	pCi/L	U	U	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.42	3.67E-01	4.20E+00	—	pCi/L	U	U	08-1830	CALA-08-13813	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.82	4.80E-01	3.96E+00	—	pCi/L	U	U	190152	GU070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	—	8.32	6.47E-01	3.35E+00	—	pCi/L	—	J	168597	GU060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.753	3.30E-01	2.29E+00	—	pCi/L	U	U	136047	GU05050GSPD01	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.18	4.33E-01	4.70E+00	—	pCi/L	U	U	08-1830	CALA-08-13812	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.209	4.20E-01	4.03E+00	—	pCi/L	U	U	190152	GF070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.13	4.23E-01	4.26E+00	—	pCi/L	U	U	168597	GF060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.4	6.53E-01	2.86E+00	—	pCi/L	U	U	136047	GF05050GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.445	4.33E-01	4.40E+00	—	pCi/L	U	U	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.584	4.00E-01	3.90E+00	—	pCi/L	U	U	08-1830	CALA-08-13813	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.53	5.47E-01	4.52E+00	—	pCi/L	U	U	190152	GU070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.188	3.80E-01	4.14E+00	—	pCi/L	U	U	168597	GU060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.175	2.49E-01	2.72E+00	—	pCi/L	U	U	136047	GU05050GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.46	4.33E-01	3.00E+00	—	pCi/L	U	U	09-2709	CALA-09-11085	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP Spring	—	—	07/23/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	143	4.07E+00	2.04E+00	—	pCi/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	66.2	6.73E-01	2.30E+00	—	pCi/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	148	9.17E-01	2.06E+00	—	pCi/L	—	—	136047	GF05050GSPD01	GELC
DP Spring	—	—	08/27/03	WG	F	CS	—	Rad	EPA:900	Gross beta	—	123	1.11E+00	2.82E+00	—	pCi/L	—	—	87023	GF03080GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	101	3.07E+00	3.40E+00	—	pCi/L	—	—	09-2709	CALA-09-11085	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	139	3.93E+00	1.77E+00	—	pCi/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	75.7	1.17E+00	3.63E+00	—	pCi/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	128	1.43E+00	2.07E+00	—	pCi/L	—	J	136047	GU05050GSPD01	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	0.0926	7.00E-01	3.40E+00	—	pCi/L	U	U	08-1830	CALA-08-13812	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	77.3	2.01E+01	2.91E+02	—	pCi/L	U	U	190152	GF070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	74.8	2.12E+01	2.52E+02	—	pCi/L	U	U	168597	GF060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	104	4.43E+01	3.45E+02	—	pCi/L	U	U	136047	GF05050GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	16.6	6.33E+00	3.60E+01	—	pCi/L	U	U	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	8.49	2.40E+00	1.30E+01	—	pCi/L	U	U	08-1830	CALA-08-13813	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	84	4.43E+01	3.81E+02	—	pCi/L	U	U	190152	GU070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	77.7	2.14E+01	2.99E+02	—	pCi/L	U	U	168597	GU060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	70.8	2.93E+01	2.51E+02	—	pCi/L	U	U	136047	GU05050GSPD01	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.78	4.00E+00	3.40E+01	—	pCi/L	U	U	08-1830	CALA-08-13812	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.209	2.45E+00	2.42E+01	—	pCi/L	U	U	190152	GF070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.52	2.67E+00	2.74E+01	—	pCi/L	U	U	168597	GF060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.45	2.33E+00	2.18E+01	—	pCi/L	U	U	136047	GF05050GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.61	4.00E+00	3.80E+01	—	pCi/L	U	U	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.4	2.53E+00	2.40E+01	—	pCi/L	U	U	08-1830	CALA-08-13813	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.86	1.97E+00	1.97E+01	—	pCi/L	U	U	190152	GU070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.34	2.99E+00	3.11E+01	—	pCi/L	U	U	168597	GU060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.93	1.99E+00	1.86E+01	—	pCi/L	U	U	136047	GU05050GSPD01	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00197	6.67E-04	3.00E-02	—	pCi/L	U	U	08-1830	CALA-08-13812	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00903	2.18E-03	2.53E-02	—	pCi/L	U	U	190152	GF070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0111	2.75E-03	3.54E-02	—	pCi/L	U	U	168597	GF060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00253	2.53E-03	5.30E-02	—	pCi/L	U	U	136047	GF05050GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00751	1.77E-03	3.00E-02	—	pCi/L	U	U	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00814	1.67E-03	3.10E-02	—	pCi/L	U	U	08-1830	CALA-08-13813	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00476	2.05E-03	2.22E-02	—	pCi/L	U	U	190152	GU070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0367	4.93E-03	3.92E-02	—	pCi/L	U	U	168597	GU060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00678	1.99E-03	4.70E-02	—	pCi/L	U	U	136047	GU05050GSPD01	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0158	1.87E-03	3.40E-02	—	pCi/L	U	U	08-1830	CALA-08-13812	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0108	1.48E-03	2.80E-02	—	pCi/L	U	U	190152	GF070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.0995	7.77E-03	4.13E-02	—	pCi/L	—	J	168597	GF060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0101	2.67E-03	4.40E-02	—	pCi/L	U	U	136047	GF05050GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0319	2.90E-03	3.70E-02	—	pCi/L	U	U	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.0589	4.00E-03	3.50E-02	—	pCi/L	—	—	08-1830	CALA-08-13813	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00635	1.84E-03	2.46E-02	—	pCi/L	U	U	190152	GU070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.179	1.06E-02	4.56E-02	—	pCi/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0249	2.52E-03	4.00E-02	—	pCi/L	U	U	136047	GU05050GSPD01	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.76	6.33E+00	5.70E+01	—	pCi/L	U	U	08-1830	CALA-08-13812	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	45.9	6.93E+00	2.75E+01	—	pCi/L	UI	R	190152	GF070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	38	4.87E+00	6.05E+01	—	pCi/L	U	U	168597	GF060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	29.7	6.00E+00	2.32E+01	—	pCi/L	UI	R	136047	GF05050GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	9.63	5.67E+00	1.80E+01	—	pCi/L	U	U	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	9.07	5.00E+00	4.90E+01	—	pCi/L	U	U	08-1830	CALA-08-13813	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	3.65	6.03E+00	5.83E+01	—	pCi/L	U	U	190152	GU070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	41.7	5.70E+00	3.71E+01	—	pCi/L	UI	R	168597	GU060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	29.9	2.90E+00	3.52E+01	—	pCi/L	U	U	136047	GU05050GSPD01	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.72	3.33E-01	2.70E+00	—	pCi/L	U	U	08-1830	CALA-08-13812	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.746	4.13E-01	3.83E+00	—	pCi/L	U	U	190152	GF070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.767	2.89E-01	3.04E+00	—	pCi/L	U	U	168597	GF060700GSPD01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP Spring	—	—	05/06/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.976	2.73E-01	2.83E+00	—	pCi/L	U	U	136047	GF05050GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.727	4.33E-01	4.60E+00	—	pCi/L	U	U	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.58	3.67E-01	3.10E+00	—	pCi/L	U	U	08-1830	CALA-08-13813	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.26	5.53E-01	5.01E+00	—	pCi/L	U	U	190152	GU070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.617	3.13E-01	3.31E+00	—	pCi/L	U	U	168597	GU060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.101	2.41E-01	2.59E+00	—	pCi/L	U	U	136047	GU05050GSPD01	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	44	1.17E+00	2.00E-01	—	pCi/L	—	—	08-1830	CALA-08-13812	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	12.3	3.67E-01	4.95E-01	—	pCi/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	31.1	3.11E-01	6.15E-01	—	pCi/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	76.8	4.73E-01	3.04E-01	—	pCi/L	—	—	136047	GF05050GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	48.8	1.37E+00	6.50E-01	—	pCi/L	—	—	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	39.6	1.07E+00	1.50E-01	—	pCi/L	—	—	08-1830	CALA-08-13813	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	62	1.66E+00	5.06E-01	—	pCi/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	26.2	3.25E-01	6.23E-01	—	pCi/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	77.2	4.63E-01	3.42E-01	—	pCi/L	—	J	136047	GU05050GSPD01	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.527	2.23E-02	1.80E-01	—	pCi/L	—	—	08-1830	CALA-08-13812	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.833	2.19E-02	3.33E-02	—	pCi/L	—	—	190152	GF070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.889	2.91E-02	8.94E-02	—	pCi/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.977	1.98E-02	6.60E-02	—	pCi/L	—	J	136047	GF05050GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.779	2.97E-02	1.80E-01	—	pCi/L	—	—	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.633	2.50E-02	1.90E-01	—	pCi/L	—	—	08-1830	CALA-08-13813	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.748	1.93E-02	4.80E-02	—	pCi/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.867	2.56E-02	6.86E-02	—	pCi/L	—	—	168597	GU060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.975	2.06E-02	7.40E-02	—	pCi/L	—	—	136047	GU05050GSPD01	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0253	8.00E-03	9.40E-02	—	pCi/L	U	U	08-1830	CALA-08-13812	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.026	3.23E-03	4.45E-02	—	pCi/L	U	U	190152	GF070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.228	1.34E-02	7.57E-02	—	pCi/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.104	5.47E-03	4.00E-02	—	pCi/L	—	J	136047	GF05050GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0168	4.00E-03	9.10E-02	—	pCi/L	U	U	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.027	4.67E-03	1.00E-01	—	pCi/L	U	U	08-1830	CALA-08-13813	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0365	3.93E-03	2.99E-02	—	pCi/L	—	J	190152	GU070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00731	3.43E-03	5.81E-02	—	pCi/L	U	U	168597	GU060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.097	5.40E-03	4.50E-02	—	pCi/L	—	J	136047	GU05050GSPD01	GELC
DP Spring	—	—	09/03/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0409	8.33E-03	9.20E-02	—	pCi/L	U	U	08-1830	CALA-08-13812	GELC
DP Spring	—	—	07/23/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.114	6.07E-03	4.43E-02	—	pCi/L	—	J	190152	GF070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.296	1.44E-02	9.50E-02	—	pCi/L	—	—	168597	GF060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.14	6.13E-03	4.70E-02	—	pCi/L	—	J	136047	GF05050GSPD01	GELC
DP Spring	—	—	07/21/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0734	7.00E-03	9.10E-02	—	pCi/L	U	U	09-2709	CALA-09-11085	GELC
DP Spring	—	—	09/03/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0655	1.03E-02	9.80E-02	—	pCi/L	U	U	08-1830	CALA-08-13813	GELC
DP Spring	—	—	07/23/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.105	5.70E-03	3.08E-02	—	pCi/L	—	—	190152	GU070700GSPD01	GELC
DP Spring	—	—	08/03/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0916	7.03E-03	7.29E-02	—	pCi/L	—	J	168597	GU060700GSPD01	GELC
DP Spring	—	—	05/06/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.118	6.27E-03	5.20E-02	—	pCi/L	—	J	136047	GU05050GSPD01	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	190	—	—	7.30E-01	mg/L	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	189	—	—	7.30E-01	mg/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	201	—	—	7.30E-01	mg/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	171	—	—	7.30E-01	mg/L	—	—	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	184	—	—	7.25E-01	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	163	—	—	7.25E-01	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.041	—	—	1.60E-02	mg/L	J	J-	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.059	—	—	1.60E-02	mg/L	—	J-	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.09	—	—	6.00E-02	mg/L	J	J	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.068	—	—	3.00E-02	mg/L	—	U	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.079	—	—	3.00E-02	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Geninorg	EPA:300.0	Bromide	—	0.105	—	—	6.60E-02	mg/L	J	J	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.119	—	—	6.60E-02	mg/L	J	J	09-2640	CALA-09-11071	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.156	—	—	6.70E-02	mg/L	J	J	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.405	—	—	6.60E-02	mg/L	—	—	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.167	—	—	6.60E-02	mg/L	J	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.117	—	—	6.60E-02	mg/L	J	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	53.3	—	—	5.00E-02	mg/L	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	54.8	—	—	5.00E-02	mg/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	77.8	—	—	3.00E-02	mg/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	113	—	—	3.00E-02	mg/L	—	—	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	89.4	—	—	3.00E-02	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	76.5	—	—	3.60E-02	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	59.6	—	—	5.00E-02	mg/L	—	—	09-2640	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	54.3	—	—	5.00E-02	mg/L	—	—	09-2640	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	76.1	—	—	3.00E-02	mg/L	—	—	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	109	—	—	3.00E-02	mg/L	—	—	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	87.9	—	—	3.00E-02	mg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	72.3	—	—	3.60E-02	mg/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	195	—	—	1.30E+00	mg/L	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	197	—	—	1.30E+00	mg/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	232	—	—	1.30E+00	mg/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	313	—	—	3.30E+00	mg/L	—	—	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	251	—	—	1.32E+00	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	255	—	—	3.30E+00	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	1.17	—	—	3.30E-02	mg/L	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	1.16	—	—	3.30E-02	mg/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	1.01	—	—	3.30E-02	mg/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.791	—	—	3.30E-02	mg/L	—	J-	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.935	—	—	3.30E-02	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.837	—	—	3.30E-02	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	155	—	—	3.50E-01	mg/L	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	159	—	—	3.50E-01	mg/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	225	—	—	3.50E-01	mg/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	324	—	—	4.30E-01	mg/L	—	—	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	259	—	—	4.25E-01	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	221	—	—	4.40E-01	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	173	—	—	3.50E-01	mg/L	—	—	09-2640	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	157	—	—	3.50E-01	mg/L	—	—	09-2640	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	218	—	—	3.50E-01	mg/L	—	—	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	313	—	—	4.30E-01	mg/L	—	—	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	254	—	—	4.25E-01	mg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	209	—	—	4.40E-01	mg/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	5.23	—	—	8.50E-02	mg/L	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.31	—	—	8.50E-02	mg/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.43	—	—	8.50E-02	mg/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	10.2	—	—	8.50E-02	mg/L	—	—	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.62	—	—	8.50E-02	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.2	—	—	8.50E-02	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	5.84	—	—	8.50E-02	mg/L	—	—	09-2640	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.3	—	—	8.50E-02	mg/L	—	—	09-2640	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.91	—	—	8.50E-02	mg/L	—	—	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.93	—	—	8.50E-02	mg/L	—	—	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.47	—	—	8.50E-02	mg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.83	—	—	8.50E-02	mg/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	14.1	—	—	5.00E-02	mg/L	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	14.5	—	—	5.00E-02	mg/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	18.2	—	—	5.00E-02	mg/L	N	J+	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	15	—	—	5.00E-02	mg/L	—	—	08-539	CALA-08-9840	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	18.8	—	—	5.00E-02	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	15	—	—	5.00E-02	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	15.8	—	—	5.00E-02	mg/L	—	—	09-2640	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	14.2	—	—	5.00E-02	mg/L	—	—	09-2640	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	16.6	—	—	5.00E-02	mg/L	N	J+	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	14.7	—	—	5.00E-02	mg/L	—	—	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	18.6	—	—	5.00E-02	mg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	14	—	—	5.00E-02	mg/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	29.4	—	—	3.20E-02	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	20.3	—	—	3.20E-02	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	143	—	—	1.00E-01	mg/L	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	153	—	—	1.00E-01	mg/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	166	—	—	4.50E-02	mg/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	155	—	—	4.50E-02	mg/L	—	—	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	139	—	—	2.25E-01	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	168	—	—	4.50E-02	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	159	—	—	1.00E-01	mg/L	—	—	09-2640	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	142	—	—	1.00E-01	mg/L	—	—	09-2640	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	151	—	—	4.50E-02	mg/L	—	—	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	151	—	—	4.50E-02	mg/L	—	—	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	136	—	—	2.25E-01	mg/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	159	—	—	4.50E-02	mg/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	1030	—	—	1.00E+00	uS/cm	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	1040	—	—	1.00E+00	uS/cm	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	1170	—	—	1.00E+00	uS/cm	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	547	—	—	1.00E+00	uS/cm	—	—	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	1310	—	—	1.00E+00	uS/cm	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	4.99	—	—	1.00E-01	mg/L	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.89	—	—	1.00E-01	mg/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.98	—	—	1.00E-01	mg/L	—	J-	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.53	—	—	1.00E-01	mg/L	—	—	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.34	—	—	1.00E-01	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.9	—	—	1.00E-01	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	1.2	—	—	1.10E+00	mg/L	J	J	09-2640	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	01/21/09	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	10	—	—	2.30E+00	mg/L	U	U	09-702	CALA-09-1688	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	9.6	—	—	2.30E+00	mg/L	J	J	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	2.28	—	—	2.28E+00	mg/L	U	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	1.14	—	—	1.14E+00	mg/L	U	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	571	—	—	2.40E+00	mg/L	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	575	—	—	2.40E+00	mg/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	668	—	—	2.40E+00	mg/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	906	—	—	2.40E+00	mg/L	—	—	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	745	—	—	2.38E+00	mg/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	764	—	—	2.38E+00	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.113	—	—	2.90E-02	mg/L	—	J-, JN	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.2	—	—	2.90E-02	mg/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.161	—	—	3.30E-02	mg/L	—	—	09-2639	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.274	—	—	2.90E-02	mg/L	—	—	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	9.29	—	—	2.90E-01	mg/L	—	—	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.159	—	—	2.90E-02	mg/L	—	J-	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.194	—	—	2.90E-02	mg/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	8.28	—	—	3.30E-01	mg/L	—	—	09-2639	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	8.42	—	—	3.30E-01	mg/L	—	—	09-2639	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	8.57	—	—	3.30E-01	mg/L	—	—	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	5.61	—	—	3.30E-01	mg/L	—	—	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	6.14	—	—	3.30E-01	mg/L	—	—	190281	GU070700P03901	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	5.74	—	—	3.30E-01	mg/L	—	J	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.125	—	—	1.50E-02	mg/L	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.111	—	—	1.50E-02	mg/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.059	—	—	2.40E-02	mg/L	—	U	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.024	—	—	2.40E-02	mg/L	J	U	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.024	—	—	2.40E-02	mg/L	U	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.053	—	—	2.40E-02	mg/L	—	U	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.5	—	—	1.00E-02	SU	H	J-	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.52	—	—	1.00E-02	SU	H	J-	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.56	—	—	1.00E-02	SU	H	J-	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.42	—	—	1.00E-02	SU	H	J-	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.6	—	—	1.00E-02	SU	H	J	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Metals	SW-846:6020	Arsenic	—	1.87	—	—	1.50E+00	ug/L	J	J	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Metals	SW-846:6010B	Barium	—	177	—	—	1.00E+00	ug/L	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	183	—	—	1.00E+00	ug/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	224	—	—	1.00E+00	ug/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	302	—	—	1.00E+00	ug/L	—	—	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	275	—	—	1.00E+00	ug/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	248	—	—	1.00E+00	ug/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Metals	SW-846:6010B	Barium	—	187	—	—	1.00E+00	ug/L	—	—	09-2640	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	183	—	—	1.00E+00	ug/L	—	—	09-2640	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	223	—	—	1.00E+00	ug/L	—	—	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	295	—	—	1.00E+00	ug/L	—	—	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	270	—	—	1.00E+00	ug/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	233	—	—	1.00E+00	ug/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Metals	SW-846:6010B	Boron	—	53.7	—	—	1.50E+01	ug/L	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	55.9	—	—	1.50E+01	ug/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	50.8	—	—	1.00E+01	ug/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	38	—	—	1.00E+01	ug/L	J	J	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	65.1	—	—	1.00E+01	ug/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	40.9	—	—	1.00E+01	ug/L	J	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Metals	SW-846:6010B	Boron	—	55.3	—	—	1.50E+01	ug/L	—	—	09-2640	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	55.9	—	—	1.50E+01	ug/L	—	—	09-2640	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	50.3	—	—	1.00E+01	ug/L	—	—	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	38.8	—	—	1.00E+01	ug/L	J	J	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	61.7	—	—	1.00E+01	ug/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	38.4	—	—	1.00E+01	ug/L	J	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	98.9	—	—	2.50E+01	ug/L	J	J	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	226	—	—	2.50E+01	ug/L	—	—	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	96.9	—	—	1.80E+01	ug/L	J	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Metals	SW-846:6010B	Iron	—	152	—	—	3.00E+01	ug/L	—	—	09-2640	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	105	—	—	3.00E+01	ug/L	—	—	09-2640	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	534	—	—	2.50E+01	ug/L	—	—	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	344	—	—	2.50E+01	ug/L	—	—	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	257	—	—	2.50E+01	ug/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	121	—	—	1.80E+01	ug/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Metals	SW-846:6010B	Manganese	—	526	—	—	2.00E+00	ug/L	—	—	09-2640	CALA-09-11072	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	537	—	—	2.00E+00	ug/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	763	—	—	2.00E+00	ug/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	1430	—	—	2.00E+00	ug/L	—	—	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	693	—	—	2.00E+00	ug/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	465	—	—	2.00E+00	ug/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	539	—	—	2.00E+00	ug/L	—	—	09-2640	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	527	—	—	2.00E+00	ug/L	—	—	09-2640	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	770	—	—	2.00E+00	ug/L	—	—	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	1420	—	—	2.00E+00	ug/L	—	—	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	715	—	—	2.00E+00	ug/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	438	—	—	2.00E+00	ug/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	3.91	—	—	1.00E-01	ug/L	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.85	—	—	1.00E-01	ug/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.5	—	—	1.00E-01	ug/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	5.4	—	—	2.00E+00	ug/L	J	U	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.3	—	—	2.00E+00	ug/L	J	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	3.97	—	—	1.00E-01	ug/L	—	—	09-2640	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.97	—	—	1.00E-01	ug/L	—	—	09-2640	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4.3	—	—	1.00E-01	ug/L	—	—	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.2	—	—	2.00E+00	ug/L	J	J	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	4	—	—	2.00E+00	ug/L	J	U	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Metals	SW-846:6020	Nickel	—	3.71	—	—	5.00E-01	ug/L	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	3.83	—	—	5.00E-01	ug/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	4.3	—	—	5.00E-01	ug/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	4.5	—	—	5.00E-01	ug/L	—	—	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	4.5	—	—	5.00E-01	ug/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	3.7	—	—	5.00E-01	ug/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Metals	SW-846:6020	Nickel	—	3.7	—	—	5.00E-01	ug/L	—	—	09-2640	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.85	—	—	5.00E-01	ug/L	—	—	09-2640	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.9	—	—	5.00E-01	ug/L	—	—	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.3	—	—	5.00E-01	ug/L	—	—	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	5	—	—	5.00E-01	ug/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.7	—	—	5.00E-01	ug/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	26.4	—	—	5.30E-02	mg/L	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	26.9	—	—	5.30E-02	mg/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	27.6	—	—	3.20E-02	mg/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	20.6	—	—	3.20E-02	mg/L	—	—	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Metals	SW-846:6010B	Strontium	—	301	—	—	1.00E+00	ug/L	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	319	—	—	1.00E+00	ug/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	440	—	—	1.00E+00	ug/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	549	—	—	1.00E+00	ug/L	—	—	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	495	—	—	1.00E+00	ug/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	386	—	—	1.00E+00	ug/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	335	—	—	1.00E+00	ug/L	—	—	09-2640	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	300	—	—	1.00E+00	ug/L	—	—	09-2640	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	402	—	—	1.00E+00	ug/L	—	—	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	529	—	—	1.00E+00	ug/L	—	—	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	486	—	—	1.00E+00	ug/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	367	—	—	1.00E+00	ug/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6020	Thallium	—	0.42	—	—	3.00E-01	ug/L	J	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.395	—	—	3.00E-01	ug/L	J	J	09-2640	CALA-09-11069	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.742	—	—	5.00E-02	ug/L	—	—	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.758	—	—	5.00E-02	ug/L	—	—	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.76	—	—	5.00E-02	ug/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	5.00E-02	ug/L	—	—	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.87	—	—	5.00E-02	ug/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.722	—	—	5.00E-02	ug/L	—	—	09-2640	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.782	—	—	5.00E-02	ug/L	—	—	09-2640	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.76	—	—	5.00E-02	ug/L	—	—	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	5.00E-02	ug/L	—	—	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.77	—	—	5.00E-02	ug/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	1.17	—	—	1.00E+00	ug/L	J	J	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1.00E+00	ug/L	U	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.2	—	—	1.00E+00	ug/L	J	JN-	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	2.1	—	—	1.00E+00	ug/L	J	U	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1.00E+00	ug/L	U	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.5	—	—	1.00E+00	ug/L	J	JN-	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	FD	Metals	SW-846:6010B	Zinc	—	9.55	—	—	3.30E+00	ug/L	J	J	09-2640	CALA-09-11072	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	9.84	—	—	3.30E+00	ug/L	J	J	09-2640	CALA-09-11071	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	8.8	—	—	2.00E+00	ug/L	J	J	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	16.6	—	—	2.00E+00	ug/L	—	—	08-539	CALA-08-9840	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.6	—	—	2.00E+00	ug/L	J	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	10.6	—	—	2.00E+00	ug/L	—	—	184479	GF070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Metals	SW-846:6010B	Zinc	—	10.7	—	—	3.30E+00	ug/L	—	—	09-2640	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.1	—	—	3.30E+00	ug/L	—	—	09-2640	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.2	—	—	2.00E+00	ug/L	—	—	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	01/18/08	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	17.5	—	—	2.00E+00	ug/L	—	—	08-539	CALA-08-9841	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	04/17/07	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10	—	—	2.00E+00	ug/L	J	—	184479	GU070400P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-105	—	0.0000119	—	—	2.71E-05	ug/L	J	J	09-2638	CALA-09-11069	ALTC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-106/118	—	0.0000268	—	—	2.71E-05	ug/L	J	J	09-2638	CALA-09-11069	ALTC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-110	—	0.0000401	—	—	2.71E-05	ug/L	—	—	09-2638	CALA-09-11069	ALTC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-138/163/164	—	0.0000412	—	—	2.71E-05	ug/L	—	—	09-2638	CALA-09-11069	ALTC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-153	—	0.0000294	—	—	2.71E-05	ug/L	—	—	09-2638	CALA-09-11069	ALTC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-90/101	—	0.0000286	—	—	2.71E-05	ug/L	—	—	09-2638	CALA-09-11069	ALTC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	PCB	EPA:1668A	Total PCB	—	0.000178	—	—	5.42E-05	ug/L	—	—	09-2638	CALA-09-11069	ALTC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	PCB	EPA:1668A	Total hexaCB	—	0.000706	—	—	2.71E-05	ug/L	—	—	09-2638	CALA-09-11069	ALTC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	PCB	EPA:1668A	Total pentaCB	—	0.000107	—	—	2.71E-05	ug/L	—	—	09-2638	CALA-09-11069	ALTC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.00468	1.07E-03	3.10E-02	—	pCi/L	U	U	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Rad	HASL-300	Americium-241	<	-0.021	2.62E-03	3.87E-02	—	pCi/L	U	U	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.00605	1.72E-03	2.17E-02	—	pCi/L	U	U	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Rad	HASL-300	Americium-241	<	0.00374	4.00E-03	8.10E-02	—	pCi/L	U	U	09-2641	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.048	6.00E-03	7.30E-02	—	pCi/L	U	U	09-2641	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00533	1.80E-03	3.70E-02	—	pCi/L	U	U	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000601	3.53E-03	4.26E-02	—	pCi/L	U	U	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0137	2.20E-03	2.64E-02	—	pCi/L	U	U	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.58	4.67E-01	5.00E+00	—	pCi/L	U	U	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.635	4.33E-01	4.35E+00	—	pCi/L	U	U	190281	GF070700P03901	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.632	3.47E-01	3.72E+00	—	pCi/L	U	U	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	-2.64	4.67E-01	3.70E+00	—	pCi/L	U	U	09-2641	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.8	5.00E-01	4.30E+00	—	pCi/L	U	U	09-2641	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.55	4.33E-01	4.80E+00	—	pCi/L	U	U	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.3	4.13E-01	4.39E+00	—	pCi/L	U	U	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.93	4.07E-01	3.49E+00	—	pCi/L	U	U	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.788	5.33E-01	5.40E+00	—	pCi/L	U	U	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.39	4.40E-01	4.75E+00	—	pCi/L	U	U	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.264	3.09E-01	3.52E+00	—	pCi/L	U	U	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	-0.743	5.00E-01	4.70E+00	—	pCi/L	U	U	09-2641	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.47	5.33E-01	4.40E+00	—	pCi/L	U	U	09-2641	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.178	5.00E-01	4.90E+00	—	pCi/L	U	U	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.73	4.23E-01	4.80E+00	—	pCi/L	U	U	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.379	4.43E-01	4.22E+00	—	pCi/L	U	U	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Rad	EPA:900	Gross alpha/beta	<	-1.32	2.03E-01	2.40E+00	—	pCi/L	U	U	09-2641	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.433	4.67E-01	2.70E+00	—	pCi/L	U	U	09-2641	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Rad	EPA:900	Gross beta	—	347	9.67E+00	3.30E+00	—	pCi/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Rad	EPA:900	Gross beta	—	214	1.70E+00	2.96E+00	—	pCi/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Rad	EPA:900	Gross beta	—	202	6.00E+00	5.70E+00	—	pCi/L	—	—	09-2641	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	197	6.00E+00	5.90E+00	—	pCi/L	—	—	09-2641	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	361	1.01E+01	3.11E+00	—	pCi/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	239	1.85E+00	3.66E+00	—	pCi/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	11	4.00E+00	2.60E+01	—	pCi/L	U	U	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	67.2	2.13E+01	1.99E+02	—	pCi/L	U	U	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	46.8	1.73E+01	1.70E+02	—	pCi/L	U	U	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	49.1	7.00E+00	5.90E+01	—	pCi/L	U	U	09-2641	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	48	8.33E+00	4.50E+01	—	pCi/L	—	U	09-2641	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	54.3	1.10E+01	5.00E+01	—	pCi/L	—	U	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	67.1	2.07E+01	2.02E+02	—	pCi/L	U	U	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	57.7	2.22E+01	2.92E+02	—	pCi/L	U	U	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.72	3.13E+00	3.00E+01	—	pCi/L	U	U	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.46	3.10E+00	3.01E+01	—	pCi/L	U	U	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.85	2.20E+00	2.21E+01	—	pCi/L	U	U	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	-7.24	4.00E+00	3.80E+01	—	pCi/L	U	U	09-2641	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	31	5.00E+00	3.50E+01	—	pCi/L	U	U	09-2641	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.1	4.00E+00	3.50E+01	—	pCi/L	U	U	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.83	3.11E+00	3.09E+01	—	pCi/L	U	U	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.87	2.86E+00	2.71E+01	—	pCi/L	U	U	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00518	1.30E-03	2.40E-02	—	pCi/L	U	U	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0301	5.10E-03	4.12E-02	—	pCi/L	U	U	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00409	1.18E-03	1.96E-02	—	pCi/L	U	U	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	0.00325	1.10E-03	5.20E-02	—	pCi/L	U	U	09-2641	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0183	2.67E-03	4.90E-02	—	pCi/L	U	U	09-2641	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0073	2.70E-03	3.40E-02	—	pCi/L	U	U	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0135	2.14E-03	3.70E-02	—	pCi/L	U	U	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00175	1.01E-03	1.68E-02	—	pCi/L	U	U	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0069	1.40E-03	2.90E-02	—	pCi/L	U	U	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	2.26E-03	3.78E-02	—	pCi/L	U	U	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0102	1.53E-03	2.29E-02	—	pCi/L	U	U	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0	1.07E-03	6.40E-02	—	pCi/L	U	U	09-2641	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0152	3.03E-03	6.00E-02	—	pCi/L	U	U	09-2641	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00486	2.30E-03	4.20E-02	—	pCi/L	U	U	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00193	1.70E-03	3.40E-02	—	pCi/L	U	U	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00699	1.17E-03	1.96E-02	—	pCi/L	U	U	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	24.9	6.33E+00	7.30E+01	—	pCi/L	U	U	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	28.6	5.40E+00	4.45E+01	—	pCi/L	U	U	190281	GF070700P03901	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	14.2	5.27E+00	3.96E+01	—	pCi/L	U	U	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	34.1	6.33E+00	4.70E+01	—	pCi/L	U	U	09-2641	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.8	6.33E+00	5.70E+01	—	pCi/L	U	U	09-2641	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	39.5	5.00E+00	5.70E+01	—	pCi/L	U	U	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	13	6.33E+00	6.46E+01	—	pCi/L	U	U	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	31.3	8.83E+00	3.35E+01	—	pCi/L	U	U	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.31	4.33E-01	4.70E+00	—	pCi/L	U	U	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.584	5.13E-01	4.54E+00	—	pCi/L	U	U	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.977	3.22E-01	3.24E+00	—	pCi/L	U	U	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	-0.291	4.33E-01	4.10E+00	—	pCi/L	U	U	09-2641	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.138	4.67E-01	4.50E+00	—	pCi/L	U	U	09-2641	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.19	4.67E-01	4.90E+00	—	pCi/L	U	U	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	3.08	5.00E-01	4.11E+00	—	pCi/L	U	U	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.16	4.37E-01	4.54E+00	—	pCi/L	U	U	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	—	136	3.67E+00	2.80E-01	—	pCi/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	—	147	3.93E+00	4.07E-01	—	pCi/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	—	88.5	4.77E-01	3.13E-01	—	pCi/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Rad	EPA:905.0	Strontium-90	—	98.7	2.67E+00	6.30E-01	—	pCi/L	—	—	09-2641	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	111	2.97E+00	7.60E-01	—	pCi/L	—	—	09-2641	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	132	3.67E+00	3.10E-01	—	pCi/L	—	—	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	167	4.47E+00	3.92E-01	—	pCi/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	84.4	4.27E-01	2.95E-01	—	pCi/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	1.1	3.33E-02	1.60E-01	—	pCi/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	1.67	4.13E-02	4.34E-02	—	pCi/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	1.93	4.67E-02	6.35E-02	—	pCi/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.853	3.17E-02	1.90E-01	—	pCi/L	—	—	09-2641	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.847	3.13E-02	1.80E-01	—	pCi/L	—	—	09-2641	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.953	3.67E-02	2.90E-01	—	pCi/L	—	—	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.7	6.07E-02	1.98E-01	—	pCi/L	—	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	2.16	5.63E-02	8.94E-02	—	pCi/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0507	7.00E-03	8.40E-02	—	pCi/L	U	U	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.103	7.20E-03	3.66E-02	—	pCi/L	—	J	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0828	6.37E-03	5.36E-02	—	pCi/L	—	J	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.0206	5.00E-03	9.30E-02	—	pCi/L	U	U	09-2641	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0198	4.00E-03	8.90E-02	—	pCi/L	U	U	09-2641	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0417	7.00E-03	1.60E-01	—	pCi/L	U	U	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.14	1.67E-02	1.67E-01	—	pCi/L	U	U	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.101	1.01E-02	7.54E-02	—	pCi/L	—	J	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.187	1.17E-02	8.20E-02	—	pCi/L	—	—	08-1808	CALA-08-13802	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.27	1.15E-02	5.84E-02	—	pCi/L	—	—	190281	GF070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.402	1.44E-02	6.76E-02	—	pCi/L	—	—	168081	GF060700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.276	1.50E-02	9.30E-02	—	pCi/L	—	—	09-2641	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.243	1.37E-02	8.90E-02	—	pCi/L	—	—	09-2641	CALA-09-11069	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.169	1.60E-02	1.50E-01	—	pCi/L	—	—	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.255	2.71E-02	2.66E-01	—	pCi/L	U	U	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.437	1.74E-02	9.51E-02	—	pCi/L	—	—	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FD	Voa	SW-846:8260B	Acetone	—	4.4	—	—	3.50E+00	ug/L	J	J	09-2639	CALA-09-11073	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.30E+00	ug/L	U	UJ	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Voa	SW-846:8260B	Acetone	<	4	—	—	1.25E+00	ug/L	J	U	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Voa	SW-846:8260B	Acetone	<	4.82	—	—	1.25E+00	ug/L	J	U	168081	GU060700P03901	GELC
DP below Meadow at TA-21	—	—	07/14/09	WS	UF	CS	FB	Voa	SW-846:8260B	Chloroform	—	2.12	—	—	2.50E-01	ug/L	—	—	09-2639	CALA-09-11074	GELC
DP below Meadow at TA-21	—	—	08/28/08	WS	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	U	08-1808	CALA-08-13800	GELC
DP below Meadow at TA-21	—	—	07/25/07	WS	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	—	190281	GU070700P03901	GELC
DP below Meadow at TA-21	—	—	07/26/06	WS	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	—	168081	GU060700P03901	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.1	—	—	7.30E-01	mg/L	—	—	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.5	—	—	7.30E-01	mg/L	—	—	09-598	CALA-09-1746	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.7	—	—	7.30E-01	mg/L	—	—	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.3	—	—	7.25E-01	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.2	—	—	5.00E-02	mg/L	—	—	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.6	—	—	3.00E-02	mg/L	—	—	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.1	—	—	3.00E-02	mg/L	—	—	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.2	—	—	3.60E-02	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.3	—	—	5.00E-02	mg/L	—	—	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.7	—	—	3.00E-02	mg/L	—	—	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	3.00E-02	mg/L	—	—	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.6	—	—	3.60E-02	mg/L	—	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	31.3	—	—	3.30E-01	mg/L	—	—	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	35.3	—	—	3.30E-01	mg/L	—	J+	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	32.7	—	—	3.30E-01	mg/L	—	—	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	35.8	—	—	3.30E-01	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.323	—	—	3.30E-02	mg/L	—	—	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.197	—	—	3.30E-02	mg/L	—	J-	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.232	—	—	3.30E-02	mg/L	—	—	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.271	—	—	3.30E-02	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	50.1	—	—	3.50E-01	mg/L	—	—	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58.8	—	—	3.50E-01	mg/L	—	—	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60	—	—	4.30E-01	mg/L	—	—	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	57.6	—	—	4.40E-01	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50.5	—	—	3.50E-01	mg/L	—	—	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	63.1	—	—	3.50E-01	mg/L	—	—	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	63.4	—	—	4.30E-01	mg/L	—	—	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	59.3	—	—	4.40E-01	mg/L	—	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.13	—	—	8.50E-02	mg/L	—	—	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.8	—	—	8.50E-02	mg/L	—	J	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.82	—	—	8.50E-02	mg/L	—	—	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.78	—	—	8.50E-02	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.2	—	—	8.50E-02	mg/L	—	—	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.17	—	—	8.50E-02	mg/L	—	J	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.07	—	—	8.50E-02	mg/L	—	—	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.93	—	—	8.50E-02	mg/L	—	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.135	—	—	5.00E-02	ug/L	J	J	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.13	—	—	5.00E-02	ug/L	J	J	09-598	CALA-09-1746	GELC
LADP-3	5411	316	09/04/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.134	—	—	5.00E-02	ug/L	J	J	08-1855	CALA-08-13884	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.149	—	—	5.00E-02	ug/L	J	J	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.139	—	—	5.00E-02	ug/L	J	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.91	—	—	5.00E-02	mg/L	—	—	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.68	—	—	5.00E-02	mg/L	—	—	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.58	—	—	5.00E-02	mg/L	—	—	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.44	—	—	5.00E-02	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.96	—	—	5.00E-02	mg/L	—	—	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7	—	—	5.00E-02	mg/L	—	—	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.78	—	—	5.00E-02	mg/L	—	—	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.67	—	—	5.00E-02	mg/L	—	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	58.3	—	—	3.20E-02	mg/L	—	J	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.5	—	—	1.00E-01	mg/L	E	J	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.2	—	—	4.50E-02	mg/L	—	—	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	26.1	—	—	4.50E-02	mg/L	—	—	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	26.7	—	—	4.50E-02	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.2	—	—	1.00E-01	mg/L	E	—	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.9	—	—	4.50E-02	mg/L	—	—	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	27.7	—	—	4.50E-02	mg/L	—	—	08-575	CALA-08-10317	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	25.9	—	—	4.50E-02	mg/L	—	J	185087	GU070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	230	—	—	1.00E+00	uS/cm	—	—	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	272	—	—	1.00E+00	uS/cm	—	—	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	262	—	—	1.00E+00	uS/cm	—	—	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	274	—	—	1.00E+00	uS/cm	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.14	—	—	1.00E-01	mg/L	—	—	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.65	—	—	1.00E-01	mg/L	—	J-	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.91	—	—	1.00E-01	mg/L	—	—	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.3	—	—	1.00E-01	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	181	—	—	2.40E+00	mg/L	—	J	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	186	—	—	2.40E+00	mg/L	—	—	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	195	—	—	2.40E+00	mg/L	—	J	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	178	—	—	2.38E+00	mg/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.33	—	—	3.30E-01	mg/L	—	—	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.5	—	—	3.30E-01	mg/L	—	—	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.31	—	—	3.30E-01	mg/L	—	—	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1.56	—	—	3.30E-01	mg/L	—	U	185087	GU070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.96	—	—	1.00E-02	SU	H	J-	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.95	—	—	1.00E-02	SU	H	J-	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.31	—	—	1.00E-02	SU	H	J-	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	1.00E-02	SU	H	J	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.9	—	—	1.00E+00	ug/L	—	—	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.8	—	—	1.00E+00	ug/L	—	—	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.4	—	—	1.00E+00	ug/L	—	J	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.6	—	—	1.00E+00	ug/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24	—	—	1.00E+00	ug/L	—	—	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.7	—	—	1.00E+00	ug/L	—	—	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.3	—	—	1.00E+00	ug/L	—	J	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.6	—	—	1.00E+00	ug/L	—	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.8	—	—	1.50E+01	ug/L	J	J	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	13.6	—	—	1.00E+01	ug/L	J	J	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	22.7	—	—	1.00E+01	ug/L	J	J	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.9	—	—	1.00E+01	ug/L	J	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	20.5	—	—	1.50E+01	ug/L	J	J	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	12.4	—	—	1.00E+01	ug/L	J	J	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	23.2	—	—	1.00E+01	ug/L	J	J	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16	—	—	1.00E+01	ug/L	J	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	11.4	—	—	2.50E+00	ug/L	—	—	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	9.6	—	—	1.50E+00	ug/L	—	—	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	11	—	—	2.50E+00	ug/L	—	—	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	8.8	—	—	1.00E+00	ug/L	—	J+	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	10.7	—	—	2.50E+00	ug/L	—	—	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	11	—	—	1.50E+00	ug/L	—	—	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	12.9	—	—	2.50E+00	ug/L	—	—	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	9.8	—	—	1.00E+00	ug/L	—	J+	185087	GU070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.98	—	—	1.00E-01	ug/L	—	—	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.4	—	—	1.00E-01	ug/L	—	—	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.3	—	—	2.00E+00	ug/L	J	U	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.98	—	—	1.00E-01	ug/L	—	—	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	1.00E-01	ug/L	—	—	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2.00E+00	ug/L	J	J	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.6	—	—	2.00E+00	ug/L	J	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.579	—	—	5.00E-01	ug/L	J	J	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.63	—	—	5.00E-01	ug/L	J	J	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.74	—	—	5.00E-01	ug/L	J	J	08-575	CALA-08-10318	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.542	—	—	5.00E-01	ug/L	J	J	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.53	—	—	5.00E-01	ug/L	J	J	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	59.4	—	—	5.30E-02	mg/L	—	—	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	61	—	—	3.20E-02	mg/L	—	—	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	59.6	—	—	3.20E-02	mg/L	—	—	08-575	CALA-08-10318	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	92.3	—	—	1.00E+00	ug/L	E	J	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	109	—	—	1.00E+00	ug/L	—	—	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	116	—	—	1.00E+00	ug/L	—	—	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	112	—	—	1.00E+00	ug/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	94.1	—	—	1.00E+00	ug/L	E	—	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	117	—	—	1.00E+00	ug/L	—	—	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	123	—	—	1.00E+00	ug/L	—	—	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	115	—	—	1.00E+00	ug/L	—	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.712	—	—	5.00E-02	ug/L	—	—	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.96	—	—	5.00E-02	ug/L	—	—	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.92	—	—	5.00E-02	ug/L	—	—	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.9	—	—	5.00E-02	ug/L	—	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.769	—	—	5.00E-02	ug/L	—	—	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.99	—	—	5.00E-02	ug/L	—	—	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.97	—	—	5.00E-02	ug/L	—	—	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.9	—	—	5.00E-02	ug/L	—	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.88	—	—	1.00E+00	ug/L	J	J	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.6	—	—	1.00E+00	ug/L	J	J	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2	—	—	1.00E+00	ug/L	J	J	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1.00E+00	ug/L	J	—	185087	GF070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.85	—	—	1.00E+00	ug/L	J	J	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.5	—	—	1.00E+00	ug/L	J	J	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.9	—	—	1.00E+00	ug/L	J	J	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1.7	—	—	1.00E+00	ug/L	J	U	185087	GU070400G3PD01	GELC
LADP-3	5411	316	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.14	—	—	3.30E+00	ug/L	J	J	09-2659	CALA-09-11128	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.4	—	—	2.00E+00	ug/L	J	J	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.1	—	—	2.00E+00	ug/L	J	J	08-575	CALA-08-10318	GELC
LADP-3	5411	316	04/26/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	4.3	—	—	2.00E+00	ug/L	J	U	185087	GF070400G3PD01	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.8	—	—	2.00E+00	ug/L	J	J	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.6	—	—	2.00E+00	ug/L	J	J	08-575	CALA-08-10317	GELC
LADP-3	5411	316	04/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.6	—	—	2.00E+00	ug/L	J	—	185087	GU070400G3PD01	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00676	3.10E-03	3.30E-02	—	pCi/L	U	U	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00623	1.63E-03	3.80E-02	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0157	3.67E-03	3.70E-02	—	pCi/L	U	U	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00199	2.10E-03	3.00E-02	—	pCi/L	U	U	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00438	1.30E-03	4.80E-02	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.22	4.33E-01	4.10E+00	—	pCi/L	U	U	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.55	4.33E-01	4.00E+00	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.277	5.67E-01	5.60E+00	—	pCi/L	U	U	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.9	7.00E-01	4.60E+00	—	pCi/L	U	U	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.974	4.33E-01	4.50E+00	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.07	4.67E-01	4.90E+00	—	pCi/L	U	U	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.91	4.67E-01	5.10E+00	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.661	4.33E-01	4.50E+00	—	pCi/L	U	U	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.656	4.00E-01	4.20E+00	—	pCi/L	U	U	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-3.98	5.67E-01	3.20E+00	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.0215	1.07E-01	1.50E+00	—	pCi/L	U	U	09-598	CALA-09-1746	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.93	3.03E-01	2.50E+00	—	pCi/L	U	U	09-2659	CALA-09-11129	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.295	1.60E-01	1.90E+00	—	pCi/L	U	U	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	6.87	4.00E-01	2.90E+00	—	pCi/L	—	—	09-598	CALA-09-1746	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.91	3.67E-01	2.10E+00	—	pCi/L	—	—	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.41	3.67E-01	2.50E+00	—	pCi/L	—	—	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	114	1.97E+01	1.00E+02	—	pCi/L	—	U	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	60	3.20E+01	2.20E+02	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	158	1.53E+01	1.20E+02	—	pCi/L	—	—	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	65.4	9.00E+00	4.50E+01	—	pCi/L	—	U	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	83.5	1.97E+01	2.40E+02	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	15.5	3.67E+00	3.70E+01	—	pCi/L	U	U	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.05	3.13E+00	3.10E+01	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	43.1	5.33E+00	4.80E+01	—	pCi/L	U	U	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	14.3	3.33E+00	3.50E+01	—	pCi/L	U	U	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.3	3.30E+00	3.30E+01	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-6.49E-10	1.83E-03	4.10E-02	—	pCi/L	U	U	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00167	1.47E-03	3.10E-02	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00514	1.70E-03	4.10E-02	—	pCi/L	U	U	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00292	1.70E-03	4.40E-02	—	pCi/L	U	U	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00345	1.83E-03	3.20E-02	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00544	2.57E-03	4.80E-02	—	pCi/L	U	U	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00669	1.13E-03	3.60E-02	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00257	1.90E-03	5.00E-02	—	pCi/L	U	U	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00292	2.17E-03	5.20E-02	—	pCi/L	U	U	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	8.00E-04	3.70E-02	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	15.6	5.33E+00	5.90E+01	—	pCi/L	U	U	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	19.3	4.67E+00	3.90E+01	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-9.16	6.33E+00	6.40E+01	—	pCi/L	U	U	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0.0455	5.67E+00	5.70E+01	—	pCi/L	U	U	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	30.8	5.33E+00	5.40E+01	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.0926	2.43E-02	2.50E-01	—	pCi/L	U	U	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.189	4.33E-02	4.40E-01	—	pCi/L	U	U	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.237	3.67E-02	3.10E-01	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.678	7.33E-02	5.50E-01	—	pCi/L	—	—	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.291	7.67E-02	7.70E-01	—	pCi/L	U	U	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.14	8.67E-02	6.30E-01	—	pCi/L	—	—	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.254	5.00E-01	4.80E+00	—	pCi/L	U	U	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.18	4.67E-01	4.80E+00	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.64	5.00E-01	4.90E+00	—	pCi/L	U	U	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.73	3.67E-01	2.80E+00	—	pCi/L	U	U	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.717	4.33E-01	4.00E+00	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.137	4.67E-02	4.90E-01	—	pCi/L	U	U	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0375	3.67E-02	4.10E-01	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.294	5.00E-02	4.80E-01	—	pCi/L	U	U	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.109	3.67E-02	4.80E-01	—	pCi/L	U	U	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.051	4.33E-02	4.80E-01	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.271	1.40E-02	1.50E-01	—	pCi/L	—	—	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.393	1.17E-02	6.00E-02	—	pCi/L	—	—	08-575	CALA-08-10318	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.215	1.20E-02	1.30E-01	—	pCi/L	—	—	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.291	1.43E-02	1.60E-01	—	pCi/L	—	—	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.37	1.07E-02	5.90E-02	—	pCi/L	—	—	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.025	5.67E-03	7.30E-02	—	pCi/L	U	U	09-598	CALA-09-1746	GELC
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0293	3.17E-03	3.00E-02	—	pCi/L	U	U	08-575	CALA-08-10318	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0204	5.00E-03	6.20E-02	—	pCi/L	U	U	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0214	3.67E-03	7.80E-02	—	pCi/L	U	U	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0163	1.93E-03	2.90E-02	—	pCi/L	U	U	08-575	CALA-08-10317	GELC
LADP-3	5411	316	01/09/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.316	1.50E-02	7.70E-02	—	pCi/L	—	—	09-598	CALA-09-1746	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LADP-3	5411	316	01/24/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.401	1.17E-02	3.60E-02	—	pCi/L	—	—	08-575	CALA-08-10318	GELC
LADP-3	5411	316	07/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.293	1.27E-02	6.20E-02	—	pCi/L	—	—	09-2659	CALA-09-11129	GELC
LADP-3	5411	316	01/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.381	1.67E-02	8.20E-02	—	pCi/L	—	—	09-598	CALA-09-1747	GELC
LADP-3	5411	316	01/24/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.342	1.03E-02	3.40E-02	—	pCi/L	—	—	08-575	CALA-08-10317	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64	—	—	7.30E-01	mg/L	—	—	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.3	—	—	7.30E-01	mg/L	—	—	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.5	—	—	7.30E-01	mg/L	—	—	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.8	—	—	7.25E-01	mg/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.4	—	—	7.25E-01	mg/L	—	—	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.1	—	—	5.00E-02	mg/L	—	—	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22	—	—	3.00E-02	mg/L	—	—	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.5	—	—	3.00E-02	mg/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.4	—	—	3.60E-02	mg/L	—	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.2	—	—	5.00E-02	mg/L	—	—	09-2618	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	3.00E-02	mg/L	—	—	08-1826	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.6	—	—	3.00E-02	mg/L	—	—	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.3	—	—	3.60E-02	mg/L	—	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	96.4	—	—	6.60E-01	mg/L	—	—	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	70.8	—	—	6.60E-01	mg/L	—	—	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	53.7	—	—	6.60E-01	mg/L	—	—	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	49.2	—	—	3.30E-01	mg/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	44	—	—	3.30E-01	mg/L	—	—	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.177	—	—	3.30E-02	mg/L	—	—	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.138	—	—	3.30E-02	mg/L	—	—	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.176	—	—	3.30E-02	mg/L	—	—	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.179	—	—	3.30E-02	mg/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.186	—	—	3.30E-02	mg/L	—	—	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	66.4	—	—	3.50E-01	mg/L	—	—	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.5	—	—	3.50E-01	mg/L	—	—	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	71.1	—	—	4.25E-01	mg/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	63.9	—	—	8.50E-02	mg/L	—	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	67	—	—	3.50E-01	mg/L	—	—	09-2618	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75	—	—	3.50E-01	mg/L	—	—	08-1826	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	64.6	—	—	4.25E-01	mg/L	—	—	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	64.7	—	—	8.50E-02	mg/L	—	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.56	—	—	8.50E-02	mg/L	—	—	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.01	—	—	8.50E-02	mg/L	—	—	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.84	—	—	8.50E-02	mg/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.37	—	—	8.50E-02	mg/L	—	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.63	—	—	8.50E-02	mg/L	—	—	09-2618	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.03	—	—	8.50E-02	mg/L	—	—	08-1826	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.39	—	—	8.50E-02	mg/L	—	—	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.46	—	—	8.50E-02	mg/L	—	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.93	—	—	5.00E-02	mg/L	—	—	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.58	—	—	5.00E-02	mg/L	—	—	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.83	—	—	5.00E-02	mg/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.05	—	—	5.00E-02	mg/L	—	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.95	—	—	5.00E-02	mg/L	—	—	09-2618	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.54	—	—	5.00E-02	mg/L	—	—	08-1826	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.58	—	—	5.00E-02	mg/L	—	—	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.86	—	—	5.00E-02	mg/L	—	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	45.7	—	—	3.20E-02	mg/L	—	J	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	34.3	—	—	3.20E-02	mg/L	—	—	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	53.4	—	—	1.00E-01	mg/L	E	J	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	44.2	—	—	4.50E-02	mg/L	—	—	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	44.5	—	—	4.50E-02	mg/L	—	—	189841	GF07070GLA0301	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	53.5	—	—	4.50E-02	mg/L	N	J	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	51.3	—	—	1.00E-01	mg/L	E	—	09-2618	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	44.4	—	—	4.50E-02	mg/L	—	—	08-1826	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	40.5	—	—	4.50E-02	mg/L	—	—	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	4.50E-02	mg/L	N	J	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	427	—	—	1.00E+00	uS/cm	—	—	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	408	—	—	1.00E+00	uS/cm	—	—	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	320	—	—	1.00E+00	uS/cm	—	—	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	341	—	—	1.00E+00	uS/cm	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	299	—	—	1.00E+00	uS/cm	—	—	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.44	—	—	1.00E-01	mg/L	—	—	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.34	—	—	1.00E-01	mg/L	—	—	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.58	—	—	1.00E-01	mg/L	—	—	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.2	—	—	1.00E-01	mg/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.6	—	—	1.00E-01	mg/L	—	—	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	258	—	—	2.40E+00	mg/L	—	J	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	246	—	—	2.40E+00	mg/L	—	—	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	188	—	—	2.40E+00	mg/L	—	—	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	246	—	—	2.38E+00	mg/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	182	—	—	2.38E+00	mg/L	—	—	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.91	—	—	3.30E-01	mg/L	—	—	09-2617	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.39	—	—	3.30E-01	mg/L	—	—	08-1825	CALA-08-13845	GELC
LAO-0.3	5511	5.9	01/10/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.48	—	—	3.30E-01	mg/L	—	—	08-472	CALA-08-9739	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.89	—	—	3.30E-01	mg/L	—	—	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	6.14	—	—	3.30E-01	mg/L	—	—	184266	GU07040GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.054	—	—	1.50E-02	mg/L	—	—	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.094	—	—	2.40E-02	mg/L	—	U	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.032	—	—	2.40E-02	mg/L	J	J	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.048	—	—	2.40E-02	mg/L	J	U	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.051	—	—	2.40E-02	mg/L	—	U	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.74	—	—	1.00E-02	SU	H	J-	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.65	—	—	1.00E-02	SU	H	J-	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.09	—	—	1.00E-02	SU	H	J-	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	1.00E-02	SU	H	J	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	04/13/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.04	—	—	1.00E-02	SU	H	J	184266	GF07040GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	240	—	—	6.80E+01	ug/L	—	—	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	299	—	—	6.80E+01	ug/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	342	—	—	6.80E+01	ug/L	—	U, J	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	324	—	—	6.80E+01	ug/L	—	—	09-2618	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-1826	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	270	—	—	6.80E+01	ug/L	—	—	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	UJ	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	63.7	—	—	1.00E+00	ug/L	—	—	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	68.9	—	—	1.00E+00	ug/L	—	—	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	70.6	—	—	1.00E+00	ug/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	50.7	—	—	1.00E+00	ug/L	—	J	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	65.3	—	—	1.00E+00	ug/L	—	—	09-2618	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	68.4	—	—	1.00E+00	ug/L	—	—	08-1826	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	63.6	—	—	1.00E+00	ug/L	—	—	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.6	—	—	1.00E+00	ug/L	—	J	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	20.6	—	—	1.50E+01	ug/L	J	J	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.9	—	—	1.00E+01	ug/L	J	J	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	28.9	—	—	1.00E+01	ug/L	J	U	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.8	—	—	1.00E+01	ug/L	J	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	19.8	—	—	1.50E+01	ug/L	J	J	09-2618	CALA-09-11087	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	20	—	—	1.00E+01	ug/L	J	J	08-1826	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	22.1	—	—	1.00E+01	ug/L	J	U	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	13.9	—	—	1.00E+01	ug/L	J	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	136	—	—	2.50E+01	ug/L	—	U	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	240	—	—	2.50E+01	ug/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	139	—	—	1.80E+01	ug/L	—	U	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	187	—	—	3.00E+01	ug/L	—	—	09-2618	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	167	—	—	2.50E+01	ug/L	—	U	08-1826	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	504	—	—	2.50E+01	ug/L	—	—	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	93.6	—	—	1.80E+01	ug/L	J	U	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.06	—	—	2.00E+00	ug/L	J	J	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.2	—	—	2.00E+00	ug/L	J	J	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	87.5	—	—	2.00E+00	ug/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.03	—	—	2.00E+00	ug/L	J	J	09-2618	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.3	—	—	2.00E+00	ug/L	J	J	08-1826	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	149	—	—	2.00E+00	ug/L	—	—	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.5	—	—	2.00E+00	ug/L	J	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.82	—	—	1.00E-01	ug/L	—	J	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.4	—	—	1.00E-01	ug/L	—	U	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.5	—	—	2.00E+00	ug/L	J	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.77	—	—	1.00E-01	ug/L	—	J	09-2618	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.4	—	—	1.00E-01	ug/L	—	U	08-1826	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.7	—	—	2.00E+00	ug/L	J	—	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.19	—	—	5.00E-01	ug/L	J	J	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	5.00E-01	ug/L	J	J	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.72	—	—	5.00E-01	ug/L	J	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.14	—	—	5.00E-01	ug/L	J	J	09-2618	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	5.00E-01	ug/L	J	J	08-1826	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	—	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	39.5	—	—	5.30E-02	mg/L	—	—	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	38.5	—	—	3.20E-02	mg/L	—	—	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	01/10/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	27.6	—	—	3.20E-02	mg/L	—	—	08-472	CALA-08-9740	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	124	—	—	1.00E+00	ug/L	E	J	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	136	—	—	1.00E+00	ug/L	—	—	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	144	—	—	1.00E+00	ug/L	—	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	120	—	—	1.00E+00	ug/L	—	J	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	121	—	—	1.00E+00	ug/L	E	—	09-2618	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	133	—	—	1.00E+00	ug/L	—	—	08-1826	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	127	—	—	1.00E+00	ug/L	—	—	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	84.9	—	—	1.00E+00	ug/L	—	J	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.333	—	—	3.00E-01	ug/L	J	J	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1826	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.72	—	—	4.00E-01	ug/L	J	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.76	—	—	1.00E+00	ug/L	J	J	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.3	—	—	1.00E+00	ug/L	J	J	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.2	—	—	1.00E+00	ug/L	J	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.4	—	—	1.00E+00	ug/L	J	—	168374	GF06070GLA0301	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.67	—	—	1.00E+00	ug/L	J	J	09-2618	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.3	—	—	1.00E+00	ug/L	J	J	08-1826	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.3	—	—	1.00E+00	ug/L	J	—	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.6	—	—	1.00E+00	ug/L	J	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	15.2	—	—	3.30E+00	ug/L	—	—	09-2618	CALA-09-11086	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	16.9	—	—	2.00E+00	ug/L	—	U	08-1826	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.1	—	—	2.00E+00	ug/L	J	—	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	18.2	—	—	3.30E+00	ug/L	—	—	09-2618	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	25.3	—	—	2.00E+00	ug/L	—	J	08-1826	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.2	—	—	2.00E+00	ug/L	J	—	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	18.2	—	—	2.00E+00	ug/L	—	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0156	1.43E-03	2.40E-02	—	pCi/L	U	U	08-1827	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00351	9.13E-04	4.16E-02	—	pCi/L	U	U	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00681	1.35E-03	2.67E-02	—	pCi/L	U	U	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0206	3.67E-03	5.10E-02	—	pCi/L	U	U	09-2619	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00174	1.00E-03	2.40E-02	—	pCi/L	U	U	08-1827	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000476	9.53E-04	3.72E-02	—	pCi/L	U	U	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000666	1.45E-03	2.54E-02	—	pCi/L	U	U	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.834	4.67E-01	4.30E+00	—	pCi/L	U	U	08-1827	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.595	4.57E-01	3.60E+00	—	pCi/L	U	U	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.11	3.60E-01	3.15E+00	—	pCi/L	U	U	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.01	4.67E-01	4.60E+00	—	pCi/L	U	U	09-2619	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.539	5.00E-01	4.70E+00	—	pCi/L	U	U	08-1827	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.68	4.53E-01	2.88E+00	—	pCi/L	U	U	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.128	3.57E-01	3.84E+00	—	pCi/L	U	U	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.733	5.00E-01	4.60E+00	—	pCi/L	U	U	08-1827	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.968	5.53E-01	5.03E+00	—	pCi/L	U	U	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.84	3.40E-01	2.87E+00	—	pCi/L	U	U	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.84	5.00E-01	5.10E+00	—	pCi/L	U	U	09-2619	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.49	4.67E-01	5.40E+00	—	pCi/L	U	U	08-1827	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.07	3.04E-01	3.33E+00	—	pCi/L	U	U	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.287	3.26E-01	3.46E+00	—	pCi/L	U	U	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.115	1.80E-01	2.20E+00	—	pCi/L	U	U	09-2619	CALA-09-11087	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	7.04	4.83E-01	3.52E+00	—	pCi/L	—	J	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.47	3.01E-01	2.71E+00	—	pCi/L	—	J	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.54	3.20E-01	2.50E+00	—	pCi/L	—	—	09-2619	CALA-09-11087	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.7	4.20E-01	3.48E+00	—	pCi/L	—	J	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.07	3.25E-01	2.73E+00	—	pCi/L	—	J	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	18.7	3.07E+00	3.30E+01	—	pCi/L	U	U	08-1827	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	66.9	1.97E+01	2.87E+02	—	pCi/L	U	U	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	160	2.87E+01	3.44E+02	—	pCi/L	U	U	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	155	2.00E+01	1.00E+02	—	pCi/L	—	U	09-2619	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	19.9	2.17E+00	1.90E+01	—	pCi/L	—	—	08-1827	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	66.9	2.40E+01	2.63E+02	—	pCi/L	U	U	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	111	2.95E+01	3.66E+02	—	pCi/L	U	U	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.38	3.17E+00	3.10E+01	—	pCi/L	U	U	08-1827	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-9.49	3.73E+00	3.18E+01	—	pCi/L	U	U	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.6	2.84E+00	2.47E+01	—	pCi/L	U	U	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.74	4.67E+00	4.40E+01	—	pCi/L	U	U	09-2619	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	14.2	3.20E+00	3.30E+01	—	pCi/L	U	U	08-1827	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.15	3.25E+00	2.38E+01	—	pCi/L	U	U	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.9	3.07E+00	2.69E+01	—	pCi/L	U	U	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0043	2.03E-03	3.30E-02	—	pCi/L	U	U	08-1827	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	2.37E-03	2.65E-02	—	pCi/L	U	U	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00194	1.71E-03	1.86E-02	—	pCi/L	U	U	168374	GF06070GLA0301	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00613	2.80E-03	3.30E-02	—	pCi/L	U	U	09-2619	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00197	9.33E-04	3.00E-02	—	pCi/L	U	U	08-1827	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0109	4.23E-03	3.80E-02	—	pCi/L	U	U	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00417	2.41E-03	2.00E-02	—	pCi/L	U	U	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0129	2.70E-03	3.70E-02	—	pCi/L	U	U	08-1827	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0284	2.48E-03	2.94E-02	—	pCi/L	U	U	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.0503	4.03E-03	2.17E-02	—	pCi/L	—	J	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0327	3.67E-03	4.00E-02	—	pCi/L	U	U	09-2619	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0217	2.40E-03	3.40E-02	—	pCi/L	U	U	08-1827	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.0679	4.93E-03	4.21E-02	—	pCi/L	—	J	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.0709	4.30E-03	2.33E-02	—	pCi/L	—	—	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	19.1	5.67E+00	3.90E+01	—	pCi/L	U	U	08-1827	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	18.4	6.57E+00	3.61E+01	—	pCi/L	U	U	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	20.5	4.83E+00	4.88E+01	—	pCi/L	U	U	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-1.55	5.67E+00	6.00E+01	—	pCi/L	U	U	09-2619	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-3.96	7.00E+00	6.30E+01	—	pCi/L	U	U	08-1827	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	4.23	7.57E+00	3.83E+01	—	pCi/L	U	U	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	48.9	4.03E+00	5.28E+01	—	pCi/L	U	U	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.397	4.00E-02	2.90E-01	—	pCi/L	—	—	09-2619	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.378	6.67E-02	6.10E-01	—	pCi/L	U	U	08-1827	CALA-08-13845	GELC
LAO-0.3	5511	5.9	01/10/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.16	9.00E-02	4.60E-01	—	pCi/L	—	—	08-472	CALA-08-9739	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.04	1.03E-01	7.50E-01	—	pCi/L	—	—	09-2619	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.0931	4.33E-02	4.40E-01	—	pCi/L	U	U	08-1827	CALA-08-13845	GELC
LAO-0.3	5511	5.9	01/10/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.916	9.67E-02	7.70E-01	—	pCi/L	—	—	08-472	CALA-08-9739	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0143	4.67E-01	4.50E+00	—	pCi/L	U	U	08-1827	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.966	4.40E-01	4.67E+00	—	pCi/L	U	U	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.63	3.93E-01	3.56E+00	—	pCi/L	U	U	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.78	4.67E-01	5.10E+00	—	pCi/L	U	U	09-2619	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.05	4.00E-01	3.40E+00	—	pCi/L	U	U	08-1827	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.654	3.37E-01	3.44E+00	—	pCi/L	U	U	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.311	3.29E-01	3.48E+00	—	pCi/L	U	U	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.142	3.67E-02	3.80E-01	—	pCi/L	U	U	08-1827	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.383	5.23E-02	4.89E-01	—	pCi/L	U	U	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0537	3.53E-02	3.97E-01	—	pCi/L	U	U	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.367	4.67E-02	4.40E-01	—	pCi/L	U	U	09-2619	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0211	3.67E-02	4.00E-01	—	pCi/L	U	U	08-1827	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.223	4.93E-02	4.88E-01	—	pCi/L	U	U	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.136	3.90E-02	4.25E-01	—	pCi/L	U	U	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.00558	3.67E-03	6.40E-02	—	pCi/L	U	U	08-1827	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.023	2.70E-03	3.23E-02	—	pCi/L	U	U	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0609	3.93E-03	4.38E-02	—	pCi/L	—	J	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0202	3.67E-03	1.20E-01	—	pCi/L	U	U	09-2619	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0376	3.33E-03	6.50E-02	—	pCi/L	U	U	08-1827	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0289	2.85E-03	2.70E-02	—	pCi/L	—	J	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0637	4.40E-03	4.92E-02	—	pCi/L	—	J	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0115	2.30E-03	3.40E-02	—	pCi/L	U	U	08-1827	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0142	2.14E-03	2.72E-02	—	pCi/L	U	U	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0026	8.67E-04	3.70E-02	—	pCi/L	U	U	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.004	1.33E-03	6.10E-02	—	pCi/L	U	U	09-2619	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00697	1.73E-03	3.40E-02	—	pCi/L	U	U	08-1827	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00476	1.59E-03	2.27E-02	—	pCi/L	U	U	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00583	1.38E-03	4.15E-02	—	pCi/L	U	U	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	09/02/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0242	2.87E-03	3.30E-02	—	pCi/L	U	U	08-1827	CALA-08-13846	GELC
LAO-0.3	5511	5.9	07/17/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0277	2.92E-03	4.34E-02	—	pCi/L	U	U	189841	GF07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0399	3.15E-03	4.66E-02	—	pCi/L	U	U	168374	GF06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.00972	3.23E-03	6.10E-02	—	pCi/L	U	U	09-2619	CALA-09-11087	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0263	2.57E-03	3.40E-02	—	pCi/L	U	U	08-1827	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0308	3.20E-03	3.63E-02	—	pCi/L	U	U	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0354	3.31E-03	5.23E-02	—	pCi/L	U	U	168374	GU06070GLA0301	GELC
LAO-0.3	5511	5.9	07/13/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.327	—	—	3.00E-01	ug/L	J	J	09-2617	CALA-09-11087	GELC
LAO-0.3	5511	5.9	09/02/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1825	CALA-08-13845	GELC
LAO-0.3	5511	5.9	07/17/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	189841	GU07070GLA0301	GELC
LAO-0.3	5511	5.9	07/31/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	168378	GU06070GLA0302	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.7	—	—	7.30E-01	mg/L	—	—	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	79.5	—	—	7.30E-01	mg/L	—	—	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	65.4	—	—	7.30E-01	mg/L	—	—	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.8	—	—	7.25E-01	mg/L	—	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	72.4	—	—	7.25E-01	mg/L	—	—	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.3	—	—	5.00E-02	mg/L	—	—	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.9	—	—	3.00E-02	mg/L	—	—	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.9	—	—	3.00E-02	mg/L	—	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.2	—	—	3.60E-02	mg/L	—	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.4	—	—	5.00E-02	mg/L	—	—	09-2618	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	3.00E-02	mg/L	—	—	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.6	—	—	3.00E-02	mg/L	—	—	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.3	—	—	3.60E-02	mg/L	—	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	82.7	—	—	6.60E-01	mg/L	—	—	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	63.4	—	—	6.60E-01	mg/L	—	—	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	54.4	—	—	6.60E-01	mg/L	—	—	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	67.3	—	—	6.60E-01	mg/L	—	J	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	73.1	—	—	6.60E-01	mg/L	—	—	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.253	—	—	3.30E-02	mg/L	—	—	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.216	—	—	3.30E-02	mg/L	—	—	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.219	—	—	3.30E-02	mg/L	—	—	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.221	—	—	3.30E-02	mg/L	—	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.234	—	—	3.30E-02	mg/L	—	—	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	70.1	—	—	3.50E-01	mg/L	—	—	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	71.5	—	—	3.50E-01	mg/L	—	—	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	77.9	—	—	4.25E-01	mg/L	—	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	82.1	—	—	8.50E-02	mg/L	—	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	67.9	—	—	3.50E-01	mg/L	—	—	09-2618	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	70.7	—	—	3.50E-01	mg/L	—	—	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	76.7	—	—	4.25E-01	mg/L	—	—	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.4	—	—	8.50E-02	mg/L	—	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.14	—	—	8.50E-02	mg/L	—	—	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.1	—	—	8.50E-02	mg/L	—	—	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.42	—	—	8.50E-02	mg/L	—	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.67	—	—	8.50E-02	mg/L	—	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.13	—	—	8.50E-02	mg/L	—	—	09-2618	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.02	—	—	8.50E-02	mg/L	—	—	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.36	—	—	8.50E-02	mg/L	—	—	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.71	—	—	8.50E-02	mg/L	—	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.45	—	—	5.00E-02	mg/L	—	—	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.22	—	—	5.00E-02	mg/L	E	J	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.5	—	—	5.00E-02	mg/L	—	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.05	—	—	5.00E-02	mg/L	—	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.27	—	—	5.00E-02	mg/L	—	—	09-2618	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.18	—	—	5.00E-02	mg/L	E	—	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.51	—	—	5.00E-02	mg/L	—	—	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.06	—	—	5.00E-02	mg/L	—	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	39.7	—	—	3.20E-02	mg/L	—	J	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	31.8	—	—	3.20E-02	mg/L	—	—	184079	GF07040GLA0601	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	60.7	—	—	1.00E-01	mg/L	E	—	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	49.6	—	—	4.50E-02	mg/L	—	—	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	49.6	—	—	4.50E-02	mg/L	—	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	64.5	—	—	4.50E-02	mg/L	—	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	56.6	—	—	1.00E-01	mg/L	E	—	09-2618	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	48.8	—	—	4.50E-02	mg/L	—	—	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	49	—	—	4.50E-02	mg/L	—	—	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	64.5	—	—	4.50E-02	mg/L	—	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	436	—	—	1.00E+00	uS/cm	—	—	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	392	—	—	1.00E+00	uS/cm	—	—	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	338	—	—	1.00E+00	uS/cm	—	—	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	413	—	—	1.00E+00	uS/cm	—	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	462	—	—	1.00E+00	uS/cm	—	—	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.26	—	—	1.00E-01	mg/L	—	—	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.8	—	—	1.00E-01	mg/L	—	J-	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.28	—	—	1.00E-01	mg/L	—	—	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.37	—	—	1.00E-01	mg/L	—	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	19.6	—	—	1.00E-01	mg/L	—	—	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	258	—	—	2.40E+00	mg/L	—	J	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	250	—	—	2.40E+00	mg/L	—	J	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	208	—	—	2.40E+00	mg/L	—	—	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	265	—	—	2.38E+00	mg/L	—	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	265	—	—	2.38E+00	mg/L	—	—	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.26	—	—	3.30E-01	mg/L	—	—	09-2617	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.65	—	—	3.30E-01	mg/L	—	—	08-1817	CALA-08-13821	GELC
LAO-0.6	6701	8	01/10/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.57	—	—	3.30E-01	mg/L	—	—	08-472	CALA-08-9735	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.94	—	—	3.30E-01	mg/L	—	—	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	5.47	—	—	3.30E-01	mg/L	—	—	184079	GU07040GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.078	—	—	1.50E-02	mg/L	—	—	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.12	—	—	2.40E-02	mg/L	—	U	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.061	—	—	2.40E-02	mg/L	—	—	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.083	—	—	2.40E-02	mg/L	—	U	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.049	—	—	2.40E-02	mg/L	J	U	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.85	—	—	1.00E-02	SU	H	J-	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.94	—	—	1.00E-02	SU	H	J-	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.18	—	—	1.00E-02	SU	H	J-	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.82	—	—	1.00E-02	SU	H	J	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	04/10/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.01	—	—	1.00E-02	SU	H	J	184079	GF07040GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	49.8	—	—	1.00E+00	ug/L	—	—	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	46	—	—	1.00E+00	ug/L	—	—	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	49.3	—	—	1.00E+00	ug/L	—	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	54.2	—	—	1.00E+00	ug/L	—	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	48.3	—	—	1.00E+00	ug/L	—	—	09-2618	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	52.2	—	—	1.00E+00	ug/L	—	—	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	57.3	—	—	1.00E+00	ug/L	—	—	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	58	—	—	1.00E+00	ug/L	—	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.1	—	—	1.50E+01	ug/L	J	J	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	28.8	—	—	1.00E+01	ug/L	J	J	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	23.7	—	—	1.00E+01	ug/L	J	U	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	23.6	—	—	1.00E+01	ug/L	J	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	19	—	—	1.50E+01	ug/L	J	J	09-2618	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	26.5	—	—	1.00E+01	ug/L	J	J	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	19.8	—	—	1.00E+01	ug/L	J	U	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.4	—	—	1.00E+01	ug/L	J	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.8	—	—	2.00E+00	ug/L	J	—	189841	GF07070GLA0601	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.2	—	—	2.00E+00	ug/L	J	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	24	—	—	2.00E+00	ug/L	—	—	09-2618	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	170	—	—	2.00E+00	ug/L	—	—	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	210	—	—	2.00E+00	ug/L	—	—	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	75.6	—	—	2.00E+00	ug/L	—	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.43	—	—	1.00E-01	ug/L	—	J	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.5	—	—	1.00E-01	ug/L	—	J	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.1	—	—	2.00E+00	ug/L	J	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	4.2	—	—	2.00E+00	ug/L	J	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.54	—	—	1.00E-01	ug/L	—	J	09-2618	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.3	—	—	1.00E-01	ug/L	—	J	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.8	—	—	2.00E+00	ug/L	J	—	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	4.6	—	—	2.00E+00	ug/L	J	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.17	—	—	5.00E-01	ug/L	J	J	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.87	—	—	5.00E-01	ug/L	J	J	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.87	—	—	5.00E-01	ug/L	J	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.7	—	—	5.00E-01	ug/L	J	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	5.00E-01	ug/L	J	J	09-2618	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	6	—	—	5.00E-01	ug/L	—	—	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.5	—	—	5.00E-01	ug/L	—	—	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.3	—	—	5.00E-01	ug/L	—	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	38.2	—	—	5.30E-02	mg/L	—	—	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	38	—	—	3.20E-02	mg/L	—	—	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	01/10/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	28.6	—	—	3.20E-02	mg/L	—	—	08-472	CALA-08-9736	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	135	—	—	1.00E+00	ug/L	E	—	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	134	—	—	1.00E+00	ug/L	—	—	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	156	—	—	1.00E+00	ug/L	—	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	157	—	—	1.00E+00	ug/L	—	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	126	—	—	1.00E+00	ug/L	E	—	09-2618	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	132	—	—	1.00E+00	ug/L	—	—	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	154	—	—	1.00E+00	ug/L	—	—	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1.00E+00	ug/L	—	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.81	—	—	1.00E+00	ug/L	J	J	09-2618	CALA-09-11109	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1.00E+00	ug/L	J	J	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.3	—	—	1.00E+00	ug/L	J	—	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.6	—	—	1.00E+00	ug/L	J	—	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.67	—	—	1.00E+00	ug/L	J	J	09-2618	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2	—	—	1.00E+00	ug/L	J	J	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.1	—	—	1.00E+00	ug/L	J	—	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.2	—	—	1.00E+00	ug/L	J	—	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00319	2.83E-03	2.50E-02	—	pCi/L	U	U	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.000563	3.47E-04	3.77E-02	—	pCi/L	U	U	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Rad	HASL-300	Americium-241	—	0.0285	2.62E-03	2.38E-02	—	pCi/L	—	J	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00989	3.00E-03	3.00E-02	—	pCi/L	U	U	09-2619	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0055	3.20E-03	2.80E-02	—	pCi/L	U	U	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0082	1.42E-03	4.28E-02	—	pCi/L	U	U	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	—	0.0808	5.97E-03	2.76E-02	—	pCi/L	—	J	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.618	3.27E-01	3.40E+00	—	pCi/L	U	U	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.273	4.90E-01	4.36E+00	—	pCi/L	U	U	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.389	3.90E-01	3.83E+00	—	pCi/L	U	U	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.212	5.33E-01	5.20E+00	—	pCi/L	U	U	09-2619	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3.14	3.67E-01	4.20E+00	—	pCi/L	U	U	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.81	7.53E-01	4.75E+00	—	pCi/L	U	U	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.26	3.21E-01	3.06E+00	—	pCi/L	U	U	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0864	5.33E-01	5.00E+00	—	pCi/L	U	U	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.561	3.87E-01	3.98E+00	—	pCi/L	U	U	189841	GF07070GLA0601	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.134	3.73E-01	3.67E+00	—	pCi/L	U	U	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.25	4.00E-01	4.10E+00	—	pCi/L	U	U	09-2619	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0884	5.00E-01	4.90E+00	—	pCi/L	U	U	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.98	3.57E-01	5.52E+00	—	pCi/L	U	U	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.322	4.00E-01	3.83E+00	—	pCi/L	U	U	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.13	2.47E-01	2.30E+00	—	pCi/L	U	U	09-2619	CALA-09-11107	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.2	3.60E-01	2.82E+00	—	pCi/L	—	J	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	6.61	4.53E-01	3.60E+00	—	pCi/L	—	J	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.74	1.87E-01	1.40E+00	—	pCi/L	—	—	09-2619	CALA-09-11107	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.07	3.27E-01	2.39E+00	—	pCi/L	—	J	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.78	4.73E-01	3.56E+00	—	pCi/L	—	J	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	12.5	4.00E+00	1.90E+01	—	pCi/L	U	U	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	106	1.79E+01	1.77E+02	—	pCi/L	U	U	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	65.1	1.31E+01	1.86E+02	—	pCi/L	U	U	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	222	2.93E+01	1.40E+02	—	pCi/L	—	U	09-2619	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15.4	3.33E+00	2.50E+01	—	pCi/L	U	U	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	102	2.65E+01	3.72E+02	—	pCi/L	U	U	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	59.5	1.78E+01	2.22E+02	—	pCi/L	U	U	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.97	2.67E+00	2.30E+01	—	pCi/L	U	U	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.982	3.40E+00	3.25E+01	—	pCi/L	U	U	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.64	2.91E+00	2.68E+01	—	pCi/L	U	U	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.68	5.00E+00	4.40E+01	—	pCi/L	U	U	09-2619	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.56	3.67E+00	3.30E+01	—	pCi/L	U	U	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.74	4.30E+00	3.72E+01	—	pCi/L	U	U	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.5	2.89E+00	2.50E+01	—	pCi/L	U	U	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00223	7.33E-04	3.10E-02	—	pCi/L	U	U	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00649	3.31E-03	3.03E-02	—	pCi/L	U	U	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0131	3.26E-03	4.20E-02	—	pCi/L	U	U	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00215	1.23E-03	3.40E-02	—	pCi/L	U	U	09-2619	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00263	8.67E-04	3.70E-02	—	pCi/L	U	U	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00422	9.97E-04	2.95E-02	—	pCi/L	U	U	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	4.6E-10	2.57E-03	3.70E-02	—	pCi/L	U	U	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00446	1.07E-03	3.80E-02	—	pCi/L	U	U	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00216	2.16E-03	3.35E-02	—	pCi/L	U	U	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.048	6.70E-03	4.89E-02	—	pCi/L	U	U	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00429	2.03E-03	4.20E-02	—	pCi/L	U	U	09-2619	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0105	2.77E-03	4.50E-02	—	pCi/L	U	U	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00844	2.44E-03	3.27E-02	—	pCi/L	U	U	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.104	6.83E-03	4.32E-02	—	pCi/L	—	J	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.15	5.00E+00	5.10E+01	—	pCi/L	U	U	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-17.2	5.57E+00	5.50E+01	—	pCi/L	U	U	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-20	5.03E+00	4.58E+01	—	pCi/L	U	U	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-43.1	5.67E+00	4.80E+01	—	pCi/L	U	U	09-2619	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	64	5.33E+00	6.50E+01	—	pCi/L	U	U	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-3.73	6.83E+00	7.52E+01	—	pCi/L	U	U	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	13.5	5.67E+00	5.41E+01	—	pCi/L	U	U	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.0813	2.50E-02	2.60E-01	—	pCi/L	U	U	09-2619	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.482	6.33E-02	5.60E-01	—	pCi/L	U	U	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	01/10/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.22	1.10E-01	7.60E-01	—	pCi/L	—	—	08-472	CALA-08-9735	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.734	9.67E-02	8.40E-01	—	pCi/L	U	U	09-2619	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.814	6.67E-02	4.10E-01	—	pCi/L	—	—	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	01/10/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.144	7.00E-02	7.30E-01	—	pCi/L	U	U	08-472	CALA-08-9735	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.542	3.67E-01	3.90E+00	—	pCi/L	U	U	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.349	4.30E-01	4.33E+00	—	pCi/L	U	U	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.153	3.50E-01	3.45E+00	—	pCi/L	U	U	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.12	4.67E-01	4.00E+00	—	pCi/L	U	U	09-2619	CALA-09-11107	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.29	3.67E-01	3.20E+00	—	pCi/L	U	U	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.142	5.50E-01	5.52E+00	—	pCi/L	U	U	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.383	4.43E-01	3.77E+00	—	pCi/L	U	U	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0134	4.00E-02	4.30E-01	—	pCi/L	U	U	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0208	4.33E-02	4.85E-01	—	pCi/L	U	U	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.000454	4.13E-02	4.31E-01	—	pCi/L	U	U	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.191	3.67E-02	3.60E-01	—	pCi/L	U	U	09-2619	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.141	3.67E-02	4.10E-01	—	pCi/L	U	U	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0428	3.12E-02	3.37E-01	—	pCi/L	U	U	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.163	3.87E-02	4.10E-01	—	pCi/L	U	U	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0372	6.00E-03	1.40E-01	—	pCi/L	U	U	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0689	4.77E-03	3.57E-02	—	pCi/L	—	J	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.128	6.90E-03	4.86E-02	—	pCi/L	—	J	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0252	3.17E-03	1.10E-01	—	pCi/L	U	U	09-2619	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0174	5.33E-03	1.50E-01	—	pCi/L	U	U	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0486	4.13E-03	3.09E-02	—	pCi/L	—	J	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0758	6.10E-03	6.13E-02	—	pCi/L	—	J	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0051	3.67E-03	7.60E-02	—	pCi/L	U	U	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00631	2.11E-03	3.01E-02	—	pCi/L	U	U	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00864	2.54E-03	4.10E-02	—	pCi/L	U	U	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	2.33E-03	5.30E-02	—	pCi/L	U	U	09-2619	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0216	3.67E-03	8.00E-02	—	pCi/L	U	U	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0109	2.59E-03	2.61E-02	—	pCi/L	U	U	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00587	1.39E-03	5.19E-02	—	pCi/L	U	U	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	08/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0413	5.00E-03	7.40E-02	—	pCi/L	U	U	08-1818	CALA-08-13820	GELC
LAO-0.6	6701	8	07/17/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0332	3.57E-03	4.81E-02	—	pCi/L	U	U	189841	GF07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0885	5.60E-03	5.17E-02	—	pCi/L	—	J	168633	GF06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0341	4.00E-03	5.40E-02	—	pCi/L	U	U	09-2619	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0218	7.33E-03	7.80E-02	—	pCi/L	U	U	08-1818	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0509	3.80E-03	4.16E-02	—	pCi/L	—	J	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0891	6.20E-03	6.52E-02	—	pCi/L	—	J	168633	GU06070GLA0601	GELC
LAO-0.6	6701	8	07/13/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.56	—	—	3.00E-01	ug/L	J	J	09-2617	CALA-09-11107	GELC
LAO-0.6	6701	8	08/29/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1817	CALA-08-13821	GELC
LAO-0.6	6701	8	07/17/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	189841	GU07070GLA0601	GELC
LAO-0.6	6701	8	08/03/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	168633	GU06070GLA0602	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	89.5	—	—	7.30E-01	mg/L	—	—	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.1	—	—	7.30E-01	mg/L	—	—	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67	—	—	7.30E-01	mg/L	—	—	08-515	CALA-08-9754	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.8	—	—	7.25E-01	mg/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64	—	—	7.25E-01	mg/L	—	—	184191	GF070400G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.065	—	—	1.60E-02	mg/L	—	J-	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-515	CALA-08-9754	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.038	—	—	3.00E-02	mg/L	J	U	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	184191	GF070400G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22	—	—	5.00E-02	mg/L	—	—	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.5	—	—	3.00E-02	mg/L	—	—	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.8	—	—	3.00E-02	mg/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.3	—	—	3.60E-02	mg/L	—	J	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	28.7	—	—	5.54E-03	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Geninorg	SW-846:6010B	Calcium	—	29.6	—	—	5.54E-03	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	5.00E-02	mg/L	—	—	09-2667	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.4	—	—	3.00E-02	mg/L	—	—	08-1826	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.3	—	—	3.00E-02	mg/L	—	—	190721	GU070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.6	—	—	3.60E-02	mg/L	—	J	136421	GU05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	28.8	—	—	5.54E-03	mg/L	—	—	114296	GU04050G1OL01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-1	4381	8	06/02/04	WG	UF	DUP	—	Geninorg	SW-846:6010B	Calcium	—	30.1	—	—	5.54E-03	mg/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	84.6	—	—	6.60E-01	mg/L	—	—	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	48.9	—	—	3.30E-01	mg/L	—	—	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	58.9	—	—	3.30E-01	mg/L	—	—	08-515	CALA-08-9754	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	50	—	—	6.60E-01	mg/L	—	J	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	72.8	—	—	6.60E-01	mg/L	—	J	184191	GF070400G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.201	—	—	3.30E-02	mg/L	—	—	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.221	—	—	3.30E-02	mg/L	—	—	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.184	—	—	3.30E-02	mg/L	—	J-	08-515	CALA-08-9754	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.229	—	—	3.30E-02	mg/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.213	—	—	3.30E-02	mg/L	—	—	184191	GF070400G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74.5	—	—	3.50E-01	mg/L	—	—	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	55.4	—	—	3.50E-01	mg/L	—	—	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	63.9	—	—	4.25E-01	mg/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.1	—	—	8.50E-02	mg/L	—	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Geninorg	EPA:200.7	Hardness	—	96.2	—	—	5.54E-03	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	74.3	—	—	3.50E-01	mg/L	—	—	09-2667	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	55.2	—	—	3.50E-01	mg/L	—	—	08-1826	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	65.8	—	—	4.25E-01	mg/L	—	—	190721	GU070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	76.3	—	—	8.50E-02	mg/L	—	—	136421	GU05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Geninorg	EPA:200.7	Hardness	—	96.5	—	—	5.54E-03	mg/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.75	—	—	8.50E-02	mg/L	E	—	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.47	—	—	8.50E-02	mg/L	—	—	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.1	—	—	8.50E-02	mg/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.74	—	—	8.50E-02	mg/L	—	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.95	—	—	5.18E-03	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Geninorg	SW-846:6010B	Magnesium	—	6.12	—	—	5.18E-03	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.87	—	—	8.50E-02	mg/L	E	J	09-2667	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.43	—	—	8.50E-02	mg/L	—	—	08-1826	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.26	—	—	8.50E-02	mg/L	—	—	190721	GU070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.82	—	—	8.50E-02	mg/L	—	—	136421	GU05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.99	—	—	5.18E-03	mg/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	DUP	—	Geninorg	SW-846:6010B	Magnesium	—	6.28	—	—	5.18E-03	mg/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0604	—	—	5.00E-02	ug/L	J	J	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.139	—	—	5.00E-02	ug/L	J	J	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.156	—	—	5.00E-02	ug/L	J	J	08-515	CALA-08-9754	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0857	—	—	5.00E-02	ug/L	J	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.249	—	—	5.00E-02	ug/L	—	J	184191	GF070400G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	184191	GF070400G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.45	—	—	5.00E-02	mg/L	—	—	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.47	—	—	5.00E-02	mg/L	—	—	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.83	—	—	5.00E-02	mg/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.89	—	—	5.00E-02	mg/L	—	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.51	—	—	1.65E-02	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Geninorg	SW-846:6010B	Potassium	—	4.62	—	—	1.65E-02	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.46	—	—	5.00E-02	mg/L	—	—	09-2667	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.48	—	—	5.00E-02	mg/L	—	—	08-1826	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.94	—	—	5.00E-02	mg/L	—	—	190721	GU070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.98	—	—	5.00E-02	mg/L	—	—	136421	GU05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.54	—	—	1.65E-02	mg/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	DUP	—	Geninorg	SW-846:6010B	Potassium	—	4.71	—	—	1.65E-02	mg/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	39.5	—	—	3.20E-02	mg/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	35.2	—	—	3.20E-02	mg/L	—	—	184191	GF070400G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	50.9	—	—	1.00E-01	mg/L	—	—	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	39.8	—	—	4.50E-02	mg/L	—	—	08-1826	CALA-08-13824	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	44.7	—	—	4.50E-02	mg/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	60.1	—	—	4.50E-02	mg/L	—	J	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	56.5	—	—	1.44E-02	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Geninorg	SW-846:6010B	Sodium	—	58.1	—	—	1.44E-02	mg/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	52.7	—	—	1.00E-01	mg/L	—	—	09-2667	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	39	—	—	4.50E-02	mg/L	—	—	08-1826	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	45	—	—	4.50E-02	mg/L	—	—	190721	GU070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	61.4	—	—	4.50E-02	mg/L	—	J	136421	GU05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	56.2	—	—	1.44E-02	mg/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	DUP	—	Geninorg	SW-846:6010B	Sodium	—	58.9	—	—	1.44E-02	mg/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	423	—	—	1.00E+00	uS/cm	—	—	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	333	—	—	1.00E+00	uS/cm	—	—	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	380	—	—	1.00E+00	uS/cm	—	—	08-515	CALA-08-9754	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	360	—	—	1.00E+00	uS/cm	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	428	—	—	1.00E+00	uS/cm	—	—	184191	GF070400G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.29	—	—	1.00E-01	mg/L	—	—	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.62	—	—	1.00E-01	mg/L	—	—	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.06	—	—	1.00E-01	mg/L	—	—	08-515	CALA-08-9754	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12	—	—	1.00E-01	mg/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.8	—	—	1.00E-01	mg/L	—	—	184191	GF070400G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	265	—	—	2.40E+00	mg/L	—	—	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	211	—	—	2.40E+00	mg/L	—	—	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	235	—	—	2.40E+00	mg/L	—	—	08-515	CALA-08-9754	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	222	—	—	2.38E+00	mg/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	248	—	—	2.38E+00	mg/L	—	—	184191	GF070400G1OL01	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.134	—	—	2.90E-02	mg/L	—	JN-	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.1	—	—	2.90E-02	mg/L	—	JN-	184191	GF070400G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.064	—	—	3.30E-02	mg/L	J	J	09-2666	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.116	—	—	2.90E-02	mg/L	—	U	08-1825	CALA-08-13823	GELC
LAO-1	4381	8	01/16/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.137	—	—	2.90E-02	mg/L	—	—	08-515	CALA-08-9755	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.1	—	—	2.90E-02	mg/L	—	JN-	190721	GU070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.115	—	—	2.90E-02	mg/L	—	JN-	184191	GU070400G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.88	—	—	3.30E-01	mg/L	—	—	09-2666	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.64	—	—	3.30E-01	mg/L	—	—	08-1825	CALA-08-13823	GELC
LAO-1	4381	8	01/16/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.69	—	—	3.30E-01	mg/L	—	—	08-515	CALA-08-9755	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.15	—	—	3.30E-01	mg/L	—	—	190721	GU070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.5	—	—	3.30E-01	mg/L	—	—	184191	GU070400G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.7	—	—	1.00E-02	SU	H	J-	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.8	—	—	1.00E-02	SU	H	J-	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.47	—	—	1.00E-02	SU	H	J-	08-515	CALA-08-9754	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.42	—	—	1.00E-02	SU	H	J	190721	GF070700G1OL01	GELC
LAO-1	4381	8	04/11/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.94	—	—	1.00E-02	SU	H	J	184191	GF070400G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	80.5	—	—	6.80E+01	ug/L	J	J	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	139	—	—	6.80E+01	ug/L	J	J	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	644	—	—	6.80E+01	ug/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	127	—	—	6.80E+01	ug/L	J	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	34.9	—	—	1.47E+01	ug/L	B	R	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Metals	SW-846:6010B	Aluminum	—	25.1	—	—	1.47E+01	ug/L	B	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	124	—	—	6.80E+01	ug/L	J	J	09-2667	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	265	—	—	6.80E+01	ug/L	—	—	08-1826	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	850	—	—	6.80E+01	ug/L	—	—	190721	GU070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	194	—	—	6.80E+01	ug/L	J	—	136421	GU05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	416	—	—	1.47E+01	ug/L	—	J-	114296	GU04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	DUP	—	Metals	SW-846:6010B	Aluminum	—	410	—	—	1.47E+01	ug/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.64	—	—	1.50E+00	ug/L	J	J	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1826	CALA-08-13824	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-1	4381	8	08/01/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24E+00	ug/L	U	UJ	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24E+00	ug/L	U	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1826	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	2	—	—	1.50E+00	ug/L	J	U	190721	GU070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	136421	GU05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	2.89	—	—	2.24E+00	ug/L	B	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	DUP	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24E+00	ug/L	U	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	59.1	—	—	1.00E+00	ug/L	—	—	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	42.3	—	—	1.00E+00	ug/L	—	—	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	48.1	—	—	1.00E+00	ug/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	53.2	—	—	1.00E+00	ug/L	—	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	70.3	—	—	2.22E-01	ug/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Metals	SW-846:6010B	Barium	—	72.1	—	—	2.22E-01	ug/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	59.3	—	—	1.00E+00	ug/L	—	—	09-2667	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	42.9	—	—	1.00E+00	ug/L	—	—	08-1826	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	50.5	—	—	1.00E+00	ug/L	—	—	190721	GU070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	52.8	—	—	1.00E+00	ug/L	—	—	136421	GU05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	71.7	—	—	2.22E-01	ug/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	DUP	—	Metals	SW-846:6010B	Barium	—	74.8	—	—	2.22E-01	ug/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.6	—	—	1.50E+01	ug/L	J	J	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.5	—	—	1.00E+01	ug/L	J	J	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	22.9	—	—	1.00E+01	ug/L	J	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	20.1	—	—	1.00E+01	ug/L	J	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.1	—	—	4.88E+00	ug/L	B	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Metals	SW-846:6010B	Boron	—	16.6	—	—	4.88E+00	ug/L	B	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.6	—	—	1.50E+01	ug/L	J	J	09-2667	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	19.9	—	—	1.00E+01	ug/L	J	J	08-1826	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21.8	—	—	1.00E+01	ug/L	J	—	190721	GU070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.7	—	—	1.00E+01	ug/L	J	—	136421	GU05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	14.3	—	—	4.88E+00	ug/L	B	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	DUP	—	Metals	SW-846:6010B	Boron	—	17.1	—	—	4.88E+00	ug/L	B	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.22	—	—	2.50E+00	ug/L	J	J	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.7	—	—	1.50E+00	ug/L	—	—	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.6	—	—	1.00E+00	ug/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	5	—	—	1.00E+00	ug/L	—	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	7.26	—	—	5.03E-01	ug/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Metals	SW-846:6010B	Chromium	—	6.16	—	—	5.03E-01	ug/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.4	—	—	2.50E+00	ug/L	J	J	09-2667	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.6	—	—	1.50E+00	ug/L	—	—	08-1826	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.3	—	—	1.00E+00	ug/L	—	—	190721	GU070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	6.6	—	—	1.00E+00	ug/L	—	—	136421	GU05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	8.96	—	—	5.03E-01	ug/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	DUP	—	Metals	SW-846:6010B	Chromium	—	8.56	—	—	5.03E-01	ug/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	7.73	—	—	1.00E-01	ug/L	—	—	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	9.9	—	—	1.00E-01	ug/L	—	J	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	12	—	—	2.00E+00	ug/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	12	—	—	1.00E-01	ug/L	—	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	14.2	—	—	1.43E+00	ug/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Metals	SW-846:6010B	Molybdenum	—	14.4	—	—	1.43E+00	ug/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	7.92	—	—	1.00E-01	ug/L	—	—	09-2667	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	9.4	—	—	1.00E-01	ug/L	—	J	08-1826	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	11.3	—	—	2.00E+00	ug/L	—	—	190721	GU070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	12.4	—	—	1.00E-01	ug/L	—	—	136421	GU05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	14.2	—	—	1.43E+00	ug/L	—	—	114296	GU04050G1OL01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-1	4381	8	06/02/04	WG	UF	DUP	—	Metals	SW-846:6010B	Molybdenum	—	14.4	—	—	1.43E+00	ug/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.09	—	—	5.00E-01	ug/L	J	J	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	J	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Metals	SW-846:6010B	Nickel	—	2.4	—	—	1.00E+00	ug/L	J	JN-	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Metals	SW-846:6010B	Nickel	<	0.69	—	—	6.90E-01	ug/L	U	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Metals	SW-846:6010B	Nickel	—	2.14	—	—	6.90E-01	ug/L	B	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	J	09-2667	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	J	08-1826	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	5.00E-01	ug/L	J	—	190721	GU070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	—	1.6	—	—	1.00E+00	ug/L	J	JN-	136421	GU05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	<	1.67	—	—	6.90E-01	ug/L	B	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	DUP	—	Metals	SW-846:6010B	Nickel	<	0.69	—	—	6.90E-01	ug/L	U	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	37.7	—	—	5.30E-02	mg/L	—	—	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.8	—	—	3.20E-02	mg/L	—	—	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.6	—	—	3.20E-02	mg/L	—	—	08-515	CALA-08-9754	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	151	—	—	1.00E+00	ug/L	—	—	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	110	—	—	1.00E+00	ug/L	—	—	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	130	—	—	1.00E+00	ug/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	153	—	—	1.00E+00	ug/L	—	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	207	—	—	1.78E-01	ug/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Metals	SW-846:6010B	Strontium	—	213	—	—	1.78E-01	ug/L	—	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	153	—	—	1.00E+00	ug/L	—	—	09-2667	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	110	—	—	1.00E+00	ug/L	—	—	08-1826	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	134	—	—	1.00E+00	ug/L	—	—	190721	GU070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	155	—	—	1.00E+00	ug/L	—	—	136421	GU05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	208	—	—	1.78E-01	ug/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	DUP	—	Metals	SW-846:6010B	Strontium	—	218	—	—	1.78E-01	ug/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.31	—	—	1.00E+00	ug/L	J	J	09-2667	CALA-09-11112	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2	—	—	1.00E+00	ug/L	J	J	08-1826	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.7	—	—	1.00E+00	ug/L	J	JN-	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1.00E+00	ug/L	J	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1.84	—	—	6.06E-01	ug/L	B	U	114296	GF04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	F	DUP	—	Metals	SW-846:6010B	Vanadium	—	2.47	—	—	6.06E-01	ug/L	B	—	114296	GF04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.81	—	—	1.00E+00	ug/L	J	J	09-2667	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2	—	—	1.00E+00	ug/L	J	J	08-1826	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2	—	—	1.00E+00	ug/L	J	JN-	190721	GU070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.5	—	—	1.00E+00	ug/L	J	—	136421	GU05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1.82	—	—	6.06E-01	ug/L	B	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	DUP	—	Metals	SW-846:6010B	Vanadium	—	2.59	—	—	6.06E-01	ug/L	B	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00856	1.53E-03	3.40E-02	—	pCi/L	U	U	08-1827	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0026	8.40E-04	4.76E-02	—	pCi/L	U	U	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00423	1.19E-03	3.80E-02	—	pCi/L	U	U	136421	GF05050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00286	9.33E-04	3.50E-02	—	pCi/L	U	U	09-2668	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00654	9.67E-04	2.90E-02	—	pCi/L	U	U	08-1827	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00273	1.86E-03	4.82E-02	—	pCi/L	U	U	190721	GU070700G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	Alpha Spec	Americium-241	<	0.0241	4.83E-03	4.30E-02	—	pCi/L	U	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-1.42	1.82E+00	1.61E+01	—	pCi/L	U	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.75	4.33E-01	4.00E+00	—	pCi/L	U	U	08-1827	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	5.15	6.60E-01	4.38E+00	—	pCi/L	UI	R	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.48	3.13E-01	3.55E+00	—	pCi/L	U	U	136421	GF05050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.422	6.00E-01	5.70E+00	—	pCi/L	U	U	09-2668	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3.58	4.67E-01	5.10E+00	—	pCi/L	U	U	08-1827	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.294	4.47E-01	4.34E+00	—	pCi/L	U	U	190721	GU070700G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.841	3.28E-01	3.28E+00	—	pCi/L	U	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0625	4.67E-01	4.60E+00	—	pCi/L	U	U	08-1827	CALA-08-13824	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-1	4381	8	08/01/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.09	4.67E-01	4.87E+00	—	pCi/L	U	U	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.32	7.23E-01	3.59E+00	—	pCi/L	U	U	136421	GF05050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.62	6.00E-01	6.20E+00	—	pCi/L	U	U	09-2668	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.87	4.00E-01	2.90E+00	—	pCi/L	U	U	08-1827	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.89	5.10E-01	4.26E+00	—	pCi/L	U	U	190721	GU070700G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.06	8.53E-01	3.66E+00	—	pCi/L	U	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.697	2.57E-01	2.80E+00	—	pCi/L	U	U	09-2668	CALA-09-11111	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	25.3	1.04E+00	4.69E+00	—	pCi/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	19	4.17E-01	3.18E+00	—	pCi/L	—	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	15.4	5.33E-01	2.30E+00	—	pCi/L	—	—	09-2668	CALA-09-11111	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	31.6	1.21E+00	4.56E+00	—	pCi/L	—	—	190721	GU070700G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	38.9	5.37E-01	2.03E+00	—	pCi/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	DUP	—	Rad	EPA:900	Gross beta	—	38.6	5.33E-01	1.89E+00	—	pCi/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	09/18/03	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	66.3	4.73E-01	1.26E+00	—	pCi/L	—	—	88401	GU03090G1OL01	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	25.9	4.67E+01	3.80E+01	—	pCi/L	U	U	08-1827	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	62.7	1.75E+01	2.19E+02	—	pCi/L	U	U	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	85.5	1.78E+01	2.28E+02	—	pCi/L	U	U	136421	GF05050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	218	2.07E+01	2.70E+02	—	pCi/L	U	U	09-2668	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	6.77	2.43E+00	1.10E+01	—	pCi/L	U	U	08-1827	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	85.2	3.37E+01	2.43E+02	—	pCi/L	U	U	190721	GU070700G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	67	2.83E+01	2.71E+02	—	pCi/L	U	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.21	3.67E+00	3.30E+01	—	pCi/L	U	U	08-1827	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.734	3.77E+00	3.28E+01	—	pCi/L	U	U	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.38	2.03E+00	2.14E+01	—	pCi/L	U	U	136421	GF05050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	14.1	3.67E+00	2.70E+01	—	pCi/L	U	U	09-2668	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.6	4.00E+00	3.30E+01	—	pCi/L	U	U	08-1827	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14	3.50E+00	3.20E+01	—	pCi/L	U	U	190721	GU070700G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.12	1.90E+00	2.01E+01	—	pCi/L	U	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00229	1.07E-03	3.50E-02	—	pCi/L	U	U	08-1827	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	2.18E-09	4.03E-03	4.38E-02	—	pCi/L	U	U	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	—	0.0817	5.93E-03	4.00E-02	—	pCi/L	—	J	136421	GF05050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.67E-04	3.20E-02	—	pCi/L	U	U	09-2668	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0171	3.03E-03	3.20E-02	—	pCi/L	U	U	08-1827	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0085	1.70E-03	3.26E-02	—	pCi/L	U	U	190721	GU070700G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-238	<	-0.00422	2.99E-03	3.30E-02	—	pCi/L	U	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.016	2.77E-03	3.90E-02	—	pCi/L	U	U	08-1827	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0228	2.86E-03	4.02E-02	—	pCi/L	U	U	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0156	3.05E-03	3.40E-02	—	pCi/L	U	U	136421	GF05050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00604	2.43E-03	3.90E-02	—	pCi/L	U	U	09-2668	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0128	2.47E-03	3.70E-02	—	pCi/L	U	U	08-1827	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0119	2.72E-03	2.99E-02	—	pCi/L	U	U	190721	GU070700G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-239/240	<	0.00211	1.86E-03	3.40E-02	—	pCi/L	U	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	34	6.33E+00	6.80E+01	—	pCi/L	U	U	08-1827	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	16.2	6.47E+00	6.69E+01	—	pCi/L	U	U	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	33.4	3.90E+00	4.69E+01	—	pCi/L	U	U	136421	GF05050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.8	6.67E+00	5.80E+01	—	pCi/L	U	U	09-2668	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-5.69	6.33E+00	6.00E+01	—	pCi/L	U	U	08-1827	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	54.4	5.63E+00	4.84E+01	—	pCi/L	UI	R	190721	GU070700G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	13.7	3.77E+00	4.14E+01	—	pCi/L	U	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	—	0.774	5.40E-02	2.97E-01	—	pCi/L	—	J	136421	GF05050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.224	3.20E-02	2.80E-01	—	pCi/L	U	U	09-2668	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.326	6.33E-02	6.20E-01	—	pCi/L	U	U	08-1827	CALA-08-13823	GELC
LAO-1	4381	8	01/16/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.02	8.33E-02	4.50E-01	—	pCi/L	—	—	08-515	CALA-08-9755	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.345	2.60E-02	1.39E-01	—	pCi/L	—	J	114296	GU04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	2.73	1.37E+00	8.01E+00	—	pCi/L	U	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.529	8.00E-02	7.30E-01	—	pCi/L	U	U	09-2668	CALA-09-11111	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.381	6.00E-02	5.60E-01	—	pCi/L	U	U	08-1827	CALA-08-13823	GELC
LAO-1	4381	8	01/16/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.676	7.00E-02	5.50E-01	—	pCi/L	—	—	08-515	CALA-08-9755	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	7.49	3.28E+00	1.39E+01	—	pCi/L	U	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	09/18/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	6.84	2.23E+00	2.53E+01	—	pCi/L	U	U	88401	GU03090G1OL01	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.65	4.67E-01	4.90E+00	—	pCi/L	U	U	08-1827	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.285	4.60E-01	4.46E+00	—	pCi/L	U	U	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.791	3.40E-01	3.54E+00	—	pCi/L	U	U	136421	GF05050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.6	5.67E-01	6.00E+00	—	pCi/L	U	U	09-2668	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.319	4.00E-01	4.00E+00	—	pCi/L	U	U	08-1827	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.631	3.90E-01	3.60E+00	—	pCi/L	U	U	190721	GU070700G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.111	3.63E-01	3.82E+00	—	pCi/L	U	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	8.93	2.57E-01	3.70E-01	—	pCi/L	—	—	08-1827	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	8	2.39E-01	3.06E-01	—	pCi/L	—	—	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	6.17	1.06E-01	3.81E-01	—	pCi/L	—	—	136421	GF05050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	5.72	1.80E-01	3.90E-01	—	pCi/L	—	—	09-2668	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	9.91	2.93E-01	3.70E-01	—	pCi/L	—	—	08-1827	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	10.9	3.19E-01	4.00E-01	—	pCi/L	—	—	190721	GU070700G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	GFPC	Strontium-90	—	17	7.83E-01	1.45E-01	—	pCi/L	—	—	114296	GU04050G1OL01	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0628	4.33E-03	6.00E-02	—	pCi/L	—	—	08-1827	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0714	4.10E-03	2.63E-02	—	pCi/L	—	J	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0369	3.37E-03	6.60E-02	—	pCi/L	U	U	136421	GF05050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0335	4.00E-03	1.20E-01	—	pCi/L	U	U	09-2668	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0596	4.00E-03	6.20E-02	—	pCi/L	U	U	08-1827	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0456	4.23E-03	3.04E-02	—	pCi/L	—	J	190721	GU070700G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-234	<	0.0491	3.73E-03	7.10E-02	—	pCi/L	U	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0151	2.40E-03	3.20E-02	—	pCi/L	U	U	08-1827	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00929	1.56E-03	2.22E-02	—	pCi/L	U	U	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00435	1.26E-03	4.00E-02	—	pCi/L	U	U	136421	GF05050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0112	2.17E-03	5.70E-02	—	pCi/L	U	U	09-2668	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00669	1.97E-03	3.30E-02	—	pCi/L	U	U	08-1827	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00268	1.26E-03	2.56E-02	—	pCi/L	U	U	190721	GU070700G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-235/236	<	0.00938	1.93E-03	4.40E-02	—	pCi/L	U	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	09/02/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0227	2.57E-03	3.10E-02	—	pCi/L	U	U	08-1827	CALA-08-13824	GELC
LAO-1	4381	8	08/01/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0451	3.97E-03	3.54E-02	—	pCi/L	—	J	190721	GF070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0412	3.37E-03	4.70E-02	—	pCi/L	U	U	136421	GF05050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0212	2.73E-03	5.70E-02	—	pCi/L	U	U	09-2668	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0181	2.43E-03	3.20E-02	—	pCi/L	U	U	08-1827	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0282	2.85E-03	4.09E-02	—	pCi/L	U	U	190721	GU070700G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-238	<	0.0257	3.07E-03	5.00E-02	—	pCi/L	U	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Uranium-238	<	15.2	2.74E+01	1.33E+02	—	pCi/L	U	U	114296	GU04050G1OL01	GELC
LAO-1	4381	8	07/16/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.311	—	—	3.00E-01	ug/L	J	J	09-2666	CALA-09-11111	GELC
LAO-1	4381	8	09/02/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1825	CALA-08-13823	GELC
LAO-1	4381	8	08/01/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	190721	GU070700G1OL01	GELC
LAO-1	4381	8	05/10/05	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	2.4	—	—	—	ug/L	—	—	136421	GU05050G1OL01	GELC
LAO-1	4381	8	06/02/04	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	—	ug/L	U	—	114296	GU04050G1OL01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.1	—	—	7.30E-01	mg/L	—	—	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	74.1	—	—	7.30E-01	mg/L	—	—	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.1	—	—	7.30E-01	mg/L	—	—	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.3	—	—	7.25E-01	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.2	—	—	7.25E-01	mg/L	—	—	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.068	—	—	1.60E-02	mg/L	—	J-	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	5.00E-02	mg/L	—	—	09-2667	CALA-09-11115	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.6	—	—	3.00E-02	mg/L	—	—	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16	—	—	3.00E-02	mg/L	—	—	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	3.00E-02	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	5.00E-02	mg/L	—	—	09-2667	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.6	—	—	3.00E-02	mg/L	—	—	08-1791	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	3.00E-02	mg/L	—	—	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.9	—	—	3.00E-02	mg/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	78.2	—	—	6.60E-01	mg/L	—	—	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	41.5	—	—	3.30E-01	mg/L	—	—	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	44.4	—	—	3.30E-01	mg/L	—	—	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	43.5	—	—	3.30E-01	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	80.6	—	—	6.60E-01	mg/L	—	—	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.264	—	—	3.30E-02	mg/L	—	—	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.276	—	—	3.30E-02	mg/L	—	—	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.312	—	—	3.30E-02	mg/L	—	—	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.312	—	—	3.30E-02	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.285	—	—	3.30E-02	mg/L	—	—	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	81.1	—	—	3.50E-01	mg/L	—	—	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	64.3	—	—	3.50E-01	mg/L	—	—	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59	—	—	4.30E-01	mg/L	—	—	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58.1	—	—	4.25E-01	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	81.8	—	—	3.50E-01	mg/L	—	—	09-2667	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	65.5	—	—	3.50E-01	mg/L	—	—	08-1791	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58	—	—	4.30E-01	mg/L	—	—	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.7	—	—	4.25E-01	mg/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.24	—	—	8.50E-02	mg/L	E	—	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.96	—	—	8.50E-02	mg/L	E	—	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.64	—	—	8.50E-02	mg/L	—	—	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.49	—	—	8.50E-02	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.37	—	—	8.50E-02	mg/L	E	—	09-2667	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.2	—	—	8.50E-02	mg/L	E	J	08-1791	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.52	—	—	8.50E-02	mg/L	—	—	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.23	—	—	8.50E-02	mg/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.139	—	—	5.00E-02	ug/L	J	J	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.274	—	—	5.00E-02	ug/L	—	—	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.192	—	—	5.00E-02	ug/L	J	J	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.133	—	—	5.00E-02	ug/L	J	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.257	—	—	5.00E-02	ug/L	—	J	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.83	—	—	5.00E-02	mg/L	—	—	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.48	—	—	5.00E-02	mg/L	—	—	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.84	—	—	5.00E-02	mg/L	—	—	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.85	—	—	5.00E-02	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.85	—	—	5.00E-02	mg/L	—	—	09-2667	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.58	—	—	5.00E-02	mg/L	—	—	08-1791	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.76	—	—	5.00E-02	mg/L	—	—	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.61	—	—	5.00E-02	mg/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	42.7	—	—	3.20E-02	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	38.2	—	—	3.20E-02	mg/L	—	—	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	44.7	—	—	1.00E-01	mg/L	—	—	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	35.3	—	—	4.50E-02	mg/L	—	—	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	35.9	—	—	4.50E-02	mg/L	—	—	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	37.5	—	—	4.50E-02	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	43.4	—	—	1.00E-01	mg/L	—	—	09-2667	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	36.4	—	—	4.50E-02	mg/L	—	—	08-1791	CALA-08-13825	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	35.4	—	—	4.50E-02	mg/L	—	—	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	34.6	—	—	4.50E-02	mg/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	399	—	—	1.00E+00	uS/cm	—	—	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	324	—	—	1.00E+00	uS/cm	—	—	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	318	—	—	1.00E+00	uS/cm	—	—	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	325	—	—	1.00E+00	uS/cm	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	462	—	—	1.00E+00	uS/cm	—	—	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.76	—	—	1.00E-01	mg/L	—	—	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.3	—	—	1.00E-01	mg/L	—	J-	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.5	—	—	1.00E-01	mg/L	—	—	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.3	—	—	1.00E-01	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14	—	—	1.00E-01	mg/L	—	—	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	268	—	—	2.40E+00	mg/L	—	—	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	213	—	—	2.40E+00	mg/L	—	—	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	200	—	—	2.40E+00	mg/L	—	—	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	204	—	—	2.38E+00	mg/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	273	—	—	2.38E+00	mg/L	—	—	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.145	—	—	1.45E-01	mg/L	U	UJ	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.065	—	—	2.90E-02	mg/L	J	JN-	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.065	—	—	3.30E-02	mg/L	J	J	09-2666	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.186	—	—	2.90E-02	mg/L	—	U	08-1790	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.078	—	—	2.90E-02	mg/L	J	J+	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.145	—	—	1.45E-01	mg/L	U	UJ	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.036	—	—	2.90E-02	mg/L	J	JN-	184079	GU070400G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.37	—	—	3.30E-01	mg/L	—	—	09-2666	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.59	—	—	3.30E-01	mg/L	—	—	08-1790	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.05	—	—	3.30E-01	mg/L	—	—	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.68	—	—	3.30E-01	mg/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.68	—	—	3.30E-01	mg/L	—	—	184079	GU070400G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.464	—	—	1.50E-02	mg/L	—	—	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.061	—	—	2.40E-02	mg/L	—	U	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.106	—	—	2.40E-02	mg/L	—	—	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.126	—	—	2.40E-02	mg/L	—	U	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.093	—	—	2.40E-02	mg/L	—	U	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.68	—	—	1.00E-02	SU	H	J-	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.79	—	—	1.00E-02	SU	H	J-	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.74	—	—	1.00E-02	SU	H	J-	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.76	—	—	1.00E-02	SU	H	J	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	04/10/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.67	—	—	1.00E-02	SU	H	J	184079	GF070400G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	105	—	—	6.80E+01	ug/L	J	J	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	128	—	—	6.80E+01	ug/L	J	J	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	274	—	—	6.80E+01	ug/L	—	—	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-2667	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	220	—	—	6.80E+01	ug/L	—	—	08-1791	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	201	—	—	6.80E+01	ug/L	—	—	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	69.9	—	—	1.00E+00	ug/L	—	—	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	52.4	—	—	1.00E+00	ug/L	—	—	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	48	—	—	1.00E+00	ug/L	—	—	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	50.4	—	—	1.00E+00	ug/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	71.1	—	—	1.00E+00	ug/L	—	—	09-2667	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	53	—	—	1.00E+00	ug/L	—	—	08-1791	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	47.3	—	—	1.00E+00	ug/L	—	—	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	51.2	—	—	1.00E+00	ug/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18	—	—	1.50E+01	ug/L	J	J	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	14.4	—	—	1.00E+01	ug/L	J	J	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	08-487	CALA-08-9761	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.5	—	—	1.00E+01	ug/L	J	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	19	—	—	1.50E+01	ug/L	J	J	09-2667	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.2	—	—	1.00E+01	ug/L	J	J	08-1791	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.5	—	—	1.00E+01	ug/L	J	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	49.4	—	—	1.00E-01	ug/L	—	—	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	27.3	—	—	1.00E-01	ug/L	—	—	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	84.2	—	—	2.00E+00	ug/L	—	—	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	91.9	—	—	2.00E+00	ug/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	50.8	—	—	1.00E-01	ug/L	—	—	09-2667	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	29.3	—	—	1.00E-01	ug/L	—	—	08-1791	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	82	—	—	2.00E+00	ug/L	—	—	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	88.1	—	—	2.00E+00	ug/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.06	—	—	5.00E-01	ug/L	J	J	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.1	—	—	5.00E-01	ug/L	—	—	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.91	—	—	5.00E-01	ug/L	J	J	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.81	—	—	5.00E-01	ug/L	J	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	J	09-2667	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.82	—	—	5.00E-01	ug/L	J	J	08-1791	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	J	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.5	—	—	5.30E-02	mg/L	—	—	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	37.6	—	—	3.20E-02	mg/L	—	—	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.2	—	—	3.20E-02	mg/L	—	—	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	147	—	—	1.00E+00	ug/L	—	—	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	112	—	—	1.00E+00	ug/L	—	—	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	106	—	—	1.00E+00	ug/L	—	—	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	108	—	—	1.00E+00	ug/L	—	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	144	—	—	1.00E+00	ug/L	—	—	09-2667	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	115	—	—	1.00E+00	ug/L	—	—	08-1791	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	105	—	—	1.00E+00	ug/L	—	—	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	102	—	—	1.00E+00	ug/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.34	—	—	1.00E+00	ug/L	J	J	09-2667	CALA-09-11115	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.9	—	—	1.00E+00	ug/L	J	U	08-1791	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.7	—	—	1.00E+00	ug/L	J	J	08-487	CALA-08-9761	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.1	—	—	1.00E+00	ug/L	J	—	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.2	—	—	1.00E+00	ug/L	J	J	09-2667	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	2.7	—	—	1.00E+00	ug/L	J	U	08-1791	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1.00E+00	ug/L	J	J	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2	—	—	1.00E+00	ug/L	J	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.000787	9.67E-04	2.60E-02	—	pCi/L	U	U	08-1792	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00512	9.57E-04	3.27E-02	—	pCi/L	U	U	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Rad	HASL-300	Americium-241	—	0.0297	3.13E-03	2.79E-02	—	pCi/L	—	J	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0142	2.24E-03	3.70E-02	—	pCi/L	U	U	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00493	9.67E-04	3.60E-02	—	pCi/L	U	U	09-2668	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00669	2.43E-03	2.70E-02	—	pCi/L	U	U	08-1792	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000914	6.93E-04	3.36E-02	—	pCi/L	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	—	0.0385	4.10E-03	3.04E-02	—	pCi/L	—	J	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	3.68	4.67E-01	5.20E+00	—	pCi/L	U	U	08-1792	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.31	6.87E-01	5.98E+00	—	pCi/L	U	U	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.94	4.07E-01	3.60E+00	—	pCi/L	U	U	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.23	3.03E-01	2.95E+00	—	pCi/L	U	U	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.91	5.33E-01	4.80E+00	—	pCi/L	U	U	09-2668	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.52	4.33E-01	4.20E+00	—	pCi/L	U	U	08-1792	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	15.6	1.05E+00	4.14E+00	—	pCi/L	UI	R	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	8.66	9.30E-01	3.40E+00	—	pCi/L	UI	R	168446	GU060700G16G01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.457	5.00E-01	5.10E+00	—	pCi/L	U	U	08-1792	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.31	5.90E-01	4.30E+00	—	pCi/L	U	U	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.681	4.43E-01	4.50E+00	—	pCi/L	U	U	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.05	3.37E-01	3.69E+00	—	pCi/L	U	U	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.266	6.33E-01	6.50E+00	—	pCi/L	U	U	09-2668	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.1	5.00E-01	5.20E+00	—	pCi/L	U	U	08-1792	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0195	5.37E-01	5.37E+00	—	pCi/L	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.943	3.63E-01	4.21E+00	—	pCi/L	U	U	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.735	2.20E-01	2.40E+00	—	pCi/L	U	U	09-2668	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.05	3.32E-01	2.78E+00	—	pCi/L	—	J	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	6.38	3.10E-01	2.99E+00	—	pCi/L	—	J	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.22	2.78E-01	2.61E+00	—	pCi/L	—	J	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.89	3.13E-01	2.10E+00	—	pCi/L	—	—	09-2668	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.91	3.14E-01	1.93E+00	—	pCi/L	—	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.2	2.56E-01	1.53E+00	—	pCi/L	—	—	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	11.9	1.50E+00	1.70E+01	—	pCi/L	U	U	08-1792	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	90.4	3.28E+01	3.15E+02	—	pCi/L	U	U	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	145	2.35E+01	3.64E+02	—	pCi/L	U	U	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	74.5	1.75E+01	2.91E+02	—	pCi/L	U	U	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	227	1.80E+01	1.30E+02	—	pCi/L	—	—	09-2668	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	8.71	2.57E+00	2.20E+01	—	pCi/L	U	U	08-1792	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	81	1.66E+01	2.12E+02	—	pCi/L	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	161	3.09E+01	3.36E+02	—	pCi/L	U	U	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.4	3.10E+00	3.00E+01	—	pCi/L	U	U	08-1792	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	20.7	4.60E+00	2.21E+01	—	pCi/L	U	U	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.03	3.01E+00	3.00E+01	—	pCi/L	U	U	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.42	2.13E+00	2.17E+01	—	pCi/L	U	U	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	34.9	6.33E+00	4.40E+01	—	pCi/L	U	U	09-2668	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-27	3.67E+00	3.20E+01	—	pCi/L	U	U	08-1792	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.53	4.17E+00	4.05E+01	—	pCi/L	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.25	2.43E+00	2.44E+01	—	pCi/L	U	U	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-8.8E-10	1.93E-03	2.60E-02	—	pCi/L	U	U	08-1792	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0104	3.02E-03	2.90E-02	—	pCi/L	U	U	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00911	7.73E-03	4.38E-02	—	pCi/L	U	U, J+	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	2.59E-03	4.30E-02	—	pCi/L	U	U	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0064	1.23E-03	3.40E-02	—	pCi/L	U	U	09-2668	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00533	4.33E-03	2.50E-02	—	pCi/L	U	U	08-1792	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00106	1.74E-03	2.36E-02	—	pCi/L	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00752	3.07E-03	3.61E-02	—	pCi/L	U	J+, U	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00369	1.23E-03	3.20E-02	—	pCi/L	U	U	08-1792	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0124	2.40E-03	3.22E-02	—	pCi/L	U	U	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0182	5.70E-03	5.10E-02	—	pCi/L	U	J+, U	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00415	1.95E-03	3.60E-02	—	pCi/L	U	U	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00213	1.23E-03	4.20E-02	—	pCi/L	U	U	09-2668	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0178	2.23E-03	3.00E-02	—	pCi/L	U	U	08-1792	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0053	1.59E-03	2.16E-02	—	pCi/L	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0489	5.23E-03	4.21E-02	—	pCi/L	U	J+, U	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	45.5	6.33E+00	5.00E+01	—	pCi/L	U	U	08-1792	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	26.8	7.73E+00	4.13E+01	—	pCi/L	U	U	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	7.3	5.57E+00	5.49E+01	—	pCi/L	U	U	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	—	30.9	4.13E+00	2.84E+01	—	pCi/L	—	J	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	5.99	6.67E+00	7.00E+01	—	pCi/L	U	U	09-2668	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	41.6	5.67E+00	6.70E+01	—	pCi/L	U	U	08-1792	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	16.8	6.30E+00	5.00E+01	—	pCi/L	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	42.7	5.77E+00	3.29E+01	—	pCi/L	UI	R	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	—	1.24	7.93E-02	4.90E-01	—	pCi/L	—	J	136047	GF05050G16G01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-1.6g	5551	10.47	11/08/01	WG	F	CS	—	Rad	EPA:901.1	Radium-226	<	0.029899999	8.67E-01	4.10E+00	—	pCi/L	U	U	184S	CALA-01-0475	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.305	4.00E-02	3.10E-01	—	pCi/L	U	U	09-2668	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.67	6.00E-02	3.90E-01	—	pCi/L	—	—	08-1792	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.6	1.10E-01	6.10E-01	—	pCi/L	—	—	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	11/08/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	5.559999943	7.67E-01	4.30E+00	—	pCi/L	—	U	184S	CALA-01-0476	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.58	1.27E-01	8.60E-01	—	pCi/L	—	—	09-2668	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.467	5.67E-02	4.90E-01	—	pCi/L	U	U	08-1792	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	01/14/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.09	1.07E-01	8.40E-01	—	pCi/L	—	—	08-487	CALA-08-9760	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.909	4.33E-01	4.00E+00	—	pCi/L	U	U	08-1792	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.08	5.57E-01	5.04E+00	—	pCi/L	U	U	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.112	4.33E-01	4.38E+00	—	pCi/L	U	U	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.567	3.37E-01	2.95E+00	—	pCi/L	U	U	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.145	5.00E-01	4.90E+00	—	pCi/L	U	U	09-2668	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.39	4.67E-01	3.60E+00	—	pCi/L	U	U	08-1792	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.759	5.53E-01	5.31E+00	—	pCi/L	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.27	3.08E-01	3.51E+00	—	pCi/L	U	U	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.299	5.33E-02	5.20E-01	—	pCi/L	U	U	08-1792	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.241	4.17E-02	4.91E-01	—	pCi/L	U	U	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.109	2.99E-02	3.15E-01	—	pCi/L	U	U	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.278	2.97E-02	3.25E-01	—	pCi/L	—	U	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.129	4.33E-02	4.30E-01	—	pCi/L	U	U	09-2668	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.342	5.33E-02	5.00E-01	—	pCi/L	U	U	08-1792	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.125	4.00E-02	3.98E-01	—	pCi/L	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0222	2.11E-02	2.20E-01	—	pCi/L	U	U	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0592	3.67E-03	5.80E-02	—	pCi/L	—	—	08-1792	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0376	3.33E-03	2.92E-02	—	pCi/L	—	J	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.103	7.23E-03	6.76E-02	—	pCi/L	—	J	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0421	4.03E-03	7.10E-02	—	pCi/L	U	U	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.00596	4.33E-03	1.10E-01	—	pCi/L	U	U	09-2668	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0698	4.33E-03	6.30E-02	—	pCi/L	—	—	08-1792	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0694	4.57E-03	3.47E-02	—	pCi/L	—	J	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0995	9.23E-03	8.70E-02	—	pCi/L	—	J	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0209	2.23E-03	3.10E-02	—	pCi/L	U	U	08-1792	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00258	1.49E-03	2.46E-02	—	pCi/L	U	U	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00224	2.08E-03	5.72E-02	—	pCi/L	U	U	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0188	2.72E-03	4.40E-02	—	pCi/L	U	U	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	3.00E-03	5.60E-02	—	pCi/L	U	U	09-2668	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.025	2.77E-03	3.40E-02	—	pCi/L	U	U	08-1792	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	1.44E-03	2.92E-02	—	pCi/L	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0115	5.37E-03	7.37E-02	—	pCi/L	U	U	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0609	3.67E-03	3.00E-02	—	pCi/L	—	—	08-1792	CALA-08-13827	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0292	3.01E-03	3.93E-02	—	pCi/L	U	U	190027	GF070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0938	7.07E-03	7.19E-02	—	pCi/L	—	J	168446	GF060700G16G01	GELC
LAO-1.6g	5551	10.47	05/04/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0304	3.43E-03	5.00E-02	—	pCi/L	U	U	136047	GF05050G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0	3.33E-03	5.60E-02	—	pCi/L	U	U	09-2668	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0716	4.00E-03	3.30E-02	—	pCi/L	—	—	08-1792	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0545	4.50E-03	4.67E-02	—	pCi/L	—	J	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0746	7.13E-03	9.25E-02	—	pCi/L	U	U	168446	GU060700G16G01	GELC
LAO-1.6g	5551	10.47	07/16/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.471	—	—	3.00E-01	ug/L	J	J	09-2666	CALA-09-11114	GELC
LAO-1.6g	5551	10.47	08/27/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1790	CALA-08-13825	GELC
LAO-1.6g	5551	10.47	07/18/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	190027	GU070700G16G01	GELC
LAO-1.6g	5551	10.47	08/01/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	168446	GU060700G16G02	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	93.2	—	—	7.30E-01	mg/L	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.9	—	—	7.30E-01	mg/L	—	—	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	86.9	—	—	7.30E-01	mg/L	—	—	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	97.5	—	—	7.25E-01	mg/L	—	—	190152	GF070700G2OL01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	115	—	—	7.25E-01	mg/L	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.024	—	—	1.60E-02	mg/L	J	J-	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.566	—	—	6.60E-02	mg/L	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.70E-02	mg/L	U	U	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	1.55	—	—	6.60E-02	mg/L	—	—	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.658	—	—	6.60E-02	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	5.19	—	—	3.30E-01	mg/L	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.3	—	—	5.00E-02	mg/L	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.3	—	—	3.00E-02	mg/L	—	—	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.2	—	—	3.00E-02	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.3	—	—	3.60E-02	mg/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	31.9	—	—	3.60E-02	mg/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23	—	—	5.00E-02	mg/L	—	—	09-2652	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.9	—	—	3.00E-02	mg/L	—	—	08-1810	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.1	—	—	3.00E-02	mg/L	—	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.6	—	—	3.60E-02	mg/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	31.9	—	—	3.60E-02	mg/L	—	—	135808	GU05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	62.8	—	—	3.30E-01	mg/L	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	63.3	—	—	6.60E-01	mg/L	—	—	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	68.4	—	—	6.60E-01	mg/L	—	—	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	45.2	—	—	3.30E-01	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	46.9	—	—	3.30E-01	mg/L	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.716	—	—	3.30E-02	mg/L	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.696	—	—	3.30E-02	mg/L	—	—	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.605	—	—	3.30E-02	mg/L	—	—	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.618	—	—	3.30E-02	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.696	—	—	3.30E-02	mg/L	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	79.9	—	—	3.50E-01	mg/L	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73.4	—	—	3.50E-01	mg/L	—	—	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	84.8	—	—	4.25E-01	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.1	—	—	8.50E-02	mg/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	103	—	—	2.00E-02	mg/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.6	—	—	3.50E-01	mg/L	—	—	09-2652	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.7	—	—	3.50E-01	mg/L	—	—	08-1810	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	88.1	—	—	4.25E-01	mg/L	—	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	69.8	—	—	8.50E-02	mg/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	103	—	—	2.00E-02	mg/L	—	—	135808	GU05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.91	—	—	8.50E-02	mg/L	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.5	—	—	8.50E-02	mg/L	—	—	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.51	—	—	8.50E-02	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.21	—	—	8.50E-02	mg/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.74	—	—	8.50E-02	mg/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.12	—	—	8.50E-02	mg/L	—	—	09-2652	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.36	—	—	8.50E-02	mg/L	—	—	08-1810	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.77	—	—	8.50E-02	mg/L	—	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.05	—	—	8.50E-02	mg/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.72	—	—	8.50E-02	mg/L	—	—	135808	GU05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.234	—	—	5.00E-02	ug/L	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.142	—	—	5.00E-02	ug/L	J	J	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.752	—	—	5.00E-02	ug/L	—	—	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.267	—	—	5.00E-02	ug/L	—	J	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	190152	GF070700G2OL01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.977	—	—	5.00E-02	ug/L	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.01	—	—	5.00E-02	mg/L	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.25	—	—	5.00E-02	mg/L	—	—	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.13	—	—	5.00E-02	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.66	—	—	5.00E-02	mg/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.98	—	—	5.00E-02	mg/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.3	—	—	5.00E-02	mg/L	—	—	09-2652	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.12	—	—	5.00E-02	mg/L	—	—	08-1810	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.27	—	—	5.00E-02	mg/L	—	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.86	—	—	5.00E-02	mg/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.01	—	—	5.00E-02	mg/L	—	—	135808	GU05050G2OL01	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	57.6	—	—	3.20E-02	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	48	—	—	3.20E-02	mg/L	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	48.8	—	—	1.00E-01	mg/L	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	46.4	—	—	4.50E-02	mg/L	—	—	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	46	—	—	4.50E-02	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	57.9	—	—	4.50E-02	mg/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	65.3	—	—	4.50E-02	mg/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	49.8	—	—	1.00E-01	mg/L	—	—	09-2652	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	44.9	—	—	4.50E-02	mg/L	—	—	08-1810	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	47.1	—	—	4.50E-02	mg/L	—	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	55.7	—	—	4.50E-02	mg/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	65.2	—	—	4.50E-02	mg/L	—	—	135808	GU05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	416	—	—	1.00E+00	uS/cm	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	400	—	—	1.00E+00	uS/cm	—	—	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	487	—	—	1.00E+00	uS/cm	—	—	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	419	—	—	1.00E+00	uS/cm	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	341	—	—	1.00E+00	uS/cm	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.4	—	—	1.00E-01	mg/L	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.58	—	—	1.00E-01	mg/L	—	J-	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	16.5	—	—	1.00E-01	mg/L	—	—	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14.4	—	—	1.00E-01	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	29.5	—	—	1.00E-01	mg/L	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	268	—	—	2.40E+00	mg/L	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	256	—	—	2.40E+00	mg/L	—	—	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	291	—	—	2.40E+00	mg/L	—	—	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	269	—	—	2.38E+00	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	324	—	—	2.38E+00	mg/L	—	—	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.66	—	—	3.30E-01	mg/L	—	—	09-2651	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.64	—	—	3.30E-01	mg/L	—	—	08-1810	CALA-08-13840	GELC
LAO-2	4391	7	01/15/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.58	—	—	3.30E-01	mg/L	—	—	08-512	CALA-08-9737	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.37	—	—	3.30E-01	mg/L	—	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.88	—	—	3.30E-01	mg/L	—	—	184649	GU070400G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.126	—	—	1.50E-02	mg/L	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.157	—	—	2.40E-02	mg/L	—	U	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.116	—	—	2.40E-02	mg/L	—	—	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.21	—	—	2.40E-02	mg/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.119	—	—	2.40E-02	mg/L	—	U	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.87	—	—	1.00E-02	SU	H	J-	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.92	—	—	1.00E-02	SU	H	J-	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.34	—	—	1.00E-02	SU	H	J-	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.85	—	—	1.00E-02	SU	H	J	190152	GF070700G2OL01	GELC
LAO-2	4391	7	04/18/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.96	—	—	1.00E-02	SU	H	J	184649	GF070400G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	361	—	—	6.80E+01	ug/L	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	607	—	—	6.80E+01	ug/L	—	—	08-1810	CALA-08-13838	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-2	4391	7	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	85.9	—	—	6.80E+01	ug/L	J	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	785	—	—	6.80E+01	ug/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	739	—	—	6.80E+01	ug/L	—	—	09-2652	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	781	—	—	6.80E+01	ug/L	—	—	08-1810	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	370	—	—	6.80E+01	ug/L	—	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	759	—	—	6.80E+01	ug/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	165	—	—	6.80E+01	ug/L	J	—	135808	GU05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.79	—	—	1.50E+00	ug/L	J	J	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	2.6	—	—	1.50E+00	ug/L	J	U	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.46	—	—	1.50E+00	ug/L	J	J	09-2652	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1810	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	3.8	—	—	1.50E+00	ug/L	J	U	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	135808	GU05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	64.2	—	—	1.00E+00	ug/L	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	53.5	—	—	1.00E+00	ug/L	—	—	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	58.1	—	—	1.00E+00	ug/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	60.5	—	—	1.00E+00	ug/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	85.5	—	—	1.00E+00	ug/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	67.8	—	—	1.00E+00	ug/L	—	—	09-2652	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	53.2	—	—	1.00E+00	ug/L	—	—	08-1810	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	61.1	—	—	1.00E+00	ug/L	—	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	58.4	—	—	1.00E+00	ug/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	86.5	—	—	1.00E+00	ug/L	—	—	135808	GU05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	29.7	—	—	1.50E+01	ug/L	J	J	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	34.5	—	—	1.00E+01	ug/L	J	J	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	37.4	—	—	1.00E+01	ug/L	J	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	36.3	—	—	1.00E+01	ug/L	J	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	33	—	—	1.00E+01	ug/L	J	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	30.2	—	—	1.50E+01	ug/L	J	J	09-2652	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	32.4	—	—	1.00E+01	ug/L	J	J	08-1810	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	37.9	—	—	1.00E+01	ug/L	J	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	35.3	—	—	1.00E+01	ug/L	J	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	34	—	—	1.00E+01	ug/L	J	—	135808	GU05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.9	—	—	2.50E+00	ug/L	J	J	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.2	—	—	1.50E+00	ug/L	J	J	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.9	—	—	1.00E+00	ug/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.1	—	—	1.00E+00	ug/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	1	—	—	1.00E+00	ug/L	J	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.61	—	—	2.50E+00	ug/L	J	J	09-2652	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.1	—	—	1.50E+00	ug/L	J	J	08-1810	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	1.00E+00	ug/L	—	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	1.00E+00	ug/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	1.2	—	—	1.00E+00	ug/L	J	—	135808	GU05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	219	—	—	3.00E+01	ug/L	—	—	09-2652	CALA-09-1120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	178	—	—	2.50E+01	ug/L	*	J	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	43	—	—	2.50E+01	ug/L	J	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	375	—	—	1.80E+01	ug/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	45.9	—	—	1.80E+01	ug/L	J	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	371	—	—	3.00E+01	ug/L	—	—	09-2652	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	296	—	—	2.50E+01	ug/L	*	J	08-1810	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	198	—	—	2.50E+01	ug/L	—	—	190152	GU070700G2OL01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	418	—	—	1.80E+01	ug/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	204	—	—	1.80E+01	ug/L	—	—	135808	GU05050G2OL01	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.4	—	—	2.00E+00	ug/L	J	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Metals	SW-846:6020	Manganese	—	3	—	—	1.00E+00	ug/L	EJ	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.24	—	—	2.00E+00	ug/L	J	J	09-2652	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.6	—	—	2.00E+00	ug/L	J	J	08-1810	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3	—	—	2.00E+00	ug/L	J	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.3	—	—	2.00E+00	ug/L	J	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	UF	CS	—	Metals	SW-846:6020	Manganese	—	3.8	—	—	1.00E+00	ug/L	EJ	J	135808	GU05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	208	—	—	1.00E-01	ug/L	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	177	—	—	5.00E-01	ug/L	—	—	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	338	—	—	2.00E+00	ug/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	296	—	—	2.00E+00	ug/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	721	—	—	1.00E-01	ug/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	211	—	—	1.00E-01	ug/L	—	—	09-2652	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	180	—	—	5.00E-01	ug/L	—	—	08-1810	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	351	—	—	2.00E+00	ug/L	—	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	287	—	—	2.00E+00	ug/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	726	—	—	1.00E-01	ug/L	—	—	135808	GU05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.02	—	—	5.00E-01	ug/L	J	J	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	J	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	5.00E-01	ug/L	J	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Metals	SW-846:6010B	Nickel	<	1.9	—	—	1.00E+00	ug/L	J	U	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.03	—	—	5.00E-01	ug/L	J	J	09-2652	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.92	—	—	5.00E-01	ug/L	J	J	08-1810	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	<	1	—	—	1.00E+00	ug/L	U	—	135808	GU05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.9	—	—	5.30E-02	mg/L	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	46.1	—	—	3.20E-02	mg/L	—	—	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	45.7	—	—	3.20E-02	mg/L	—	—	08-512	CALA-08-9738	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	143	—	—	1.00E+00	ug/L	—	—	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	133	—	—	1.00E+00	ug/L	—	—	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	155	—	—	1.00E+00	ug/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	133	—	—	1.00E+00	ug/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	199	—	—	1.00E+00	ug/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	146	—	—	1.00E+00	ug/L	—	—	09-2652	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	129	—	—	1.00E+00	ug/L	—	—	08-1810	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	161	—	—	1.00E+00	ug/L	—	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	128	—	—	1.00E+00	ug/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	199	—	—	1.00E+00	ug/L	—	—	135808	GU05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.39	—	—	1.00E+00	ug/L	J	J	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.3	—	—	1.00E+00	ug/L	J	J	08-1810	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.2	—	—	1.00E+00	ug/L	J	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.5	—	—	1.00E+00	ug/L	J	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.5	—	—	1.00E+00	ug/L	J	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.66	—	—	1.00E+00	ug/L	J	J	09-2652	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.1	—	—	1.00E+00	ug/L	J	J	08-1810	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.8	—	—	1.00E+00	ug/L	J	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.1	—	—	1.00E+00	ug/L	J	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.5	—	—	1.00E+00	ug/L	J	—	135808	GU05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.3	—	—	3.30E+00	ug/L	J	J	09-2652	CALA-09-11120	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.4	—	—	2.00E+00	ug/L	J	J	08-1810	CALA-08-13838	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-2	4391	7	07/23/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	4.3	—	—	2.00E+00	ug/L	J	U	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.5	—	—	2.00E+00	ug/L	J	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.88	—	—	3.30E+00	ug/L	J	J	09-2652	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.9	—	—	2.00E+00	ug/L	J	J	08-1810	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	3.8	—	—	2.00E+00	ug/L	J	U	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	135808	GU05050G2OL01	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0134	2.23E-03	2.60E-02	—	pCi/L	U	U	08-1809	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00167	6.40E-04	3.56E-02	—	pCi/L	U	U	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.013	2.12E-03	2.56E-02	—	pCi/L	U	U	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0085	3.87E-03	3.40E-02	—	pCi/L	U	U	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.012	1.97E-03	3.70E-02	—	pCi/L	U	U	09-2653	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0102	3.20E-03	4.40E-02	—	pCi/L	U	U	08-1809	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0241	2.40E-03	3.36E-02	—	pCi/L	U	U	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	—	0.0353	3.60E-03	2.83E-02	—	pCi/L	—	J	168163	GU060700G2OL01	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.335	4.00E-01	4.10E+00	—	pCi/L	U	U	08-1809	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	6.13	9.33E-01	3.83E+00	—	pCi/L	UI	R	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.66	6.03E-01	4.60E+00	—	pCi/L	U	U	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.324	3.17E-01	3.40E+00	—	pCi/L	U	U	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.886	5.33E-01	5.40E+00	—	pCi/L	U	U	09-2653	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.06	4.00E-01	4.20E+00	—	pCi/L	U	U	08-1809	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.857	4.63E-01	4.33E+00	—	pCi/L	U	U	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.267	3.60E-01	4.02E+00	—	pCi/L	U	U	168163	GU060700G2OL01	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.446	4.00E-01	4.00E+00	—	pCi/L	U	U	08-1809	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.37	4.20E-01	3.81E+00	—	pCi/L	U	U	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.13	3.53E-01	4.57E+00	—	pCi/L	U	U	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.01	3.22E-01	3.80E+00	—	pCi/L	U	U	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.17	5.00E-01	4.60E+00	—	pCi/L	U	U	09-2653	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.56	4.00E-01	4.40E+00	—	pCi/L	U	U	08-1809	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.86	5.20E-01	4.59E+00	—	pCi/L	U	U	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.499	4.27E-01	4.91E+00	—	pCi/L	U	U	168163	GU060700G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.64	2.13E-01	3.00E+00	—	pCi/L	U	U	09-2653	CALA-09-11121	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	31	1.00E+00	2.64E+00	—	pCi/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	39.8	8.83E-01	2.46E+00	—	pCi/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	100	2.53E+00	2.64E+00	—	pCi/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	25.2	9.00E-01	2.20E+00	—	pCi/L	—	—	09-2653	CALA-09-11121	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	29.6	9.57E-01	2.03E+00	—	pCi/L	—	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	34.8	5.50E-01	3.04E+00	—	pCi/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	06/04/04	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	66.9	7.00E-01	2.03E+00	—	pCi/L	—	J	114323	GU04050G2OL01	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	8.68	2.50E+00	2.20E+01	—	pCi/L	U	U	08-1809	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	273	4.47E+01	4.63E+02	—	pCi/L	U	U	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	71.1	2.18E+01	3.03E+02	—	pCi/L	U	U	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	120	3.67E+01	3.78E+02	—	pCi/L	U	U	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	183	2.33E+01	1.30E+02	—	pCi/L	—	U	09-2653	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	6.67	8.67E+00	1.70E+01	—	pCi/L	U	U	08-1809	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	283	4.67E+01	5.63E+02	—	pCi/L	U	U	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	65.4	2.16E+01	2.30E+02	—	pCi/L	U	U	168163	GU060700G2OL01	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.422	3.67E+00	3.40E+01	—	pCi/L	U	U	08-1809	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.1	4.37E+00	3.35E+01	—	pCi/L	U	U	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.69	3.63E+00	3.24E+01	—	pCi/L	U	U	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.31	3.04E+00	2.36E+01	—	pCi/L	U	U	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10	4.33E+00	4.30E+01	—	pCi/L	U	U	09-2653	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.74	3.23E+00	3.10E+01	—	pCi/L	U	U	08-1809	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	33.7	3.67E+00	3.57E+01	—	pCi/L	U	U	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.18	2.77E+00	2.85E+01	—	pCi/L	U	U	168163	GU060700G2OL01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-2	4391	7	08/28/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00302	1.43E-03	4.60E-02	—	pCi/L	U	U	08-1809	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00164	1.81E-03	2.29E-02	—	pCi/L	U	U	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	5.80E-04	1.67E-02	—	pCi/L	U	U	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00766	3.26E-03	4.00E-02	—	pCi/L	U	U	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-1.07E-09	2.13E-03	3.60E-02	—	pCi/L	U	U	09-2653	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00311	1.80E-03	4.70E-02	—	pCi/L	U	U	08-1809	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.76E-03	2.33E-02	—	pCi/L	U	U	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00169	5.63E-04	1.62E-02	—	pCi/L	U	U	168163	GU060700G2OL01	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0181	2.87E-03	5.20E-02	—	pCi/L	U	U	08-1809	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00327	1.09E-03	2.54E-02	—	pCi/L	U	U	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00871	1.54E-03	1.95E-02	—	pCi/L	U	U	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0287	2.80E-03	3.40E-02	—	pCi/L	U	U	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00225	2.90E-03	4.40E-02	—	pCi/L	U	U	09-2653	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0342	3.67E-03	5.30E-02	—	pCi/L	U	U	08-1809	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.005	1.24E-03	2.58E-02	—	pCi/L	U	U	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00845	1.27E-03	1.89E-02	—	pCi/L	U	U	168163	GU060700G2OL01	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	5.42	7.00E+00	6.70E+01	—	pCi/L	U	U	08-1809	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.76	6.17E+00	6.32E+01	—	pCi/L	U	U	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	78.5	5.67E+00	7.83E+01	—	pCi/L	UI	R	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	13.3	6.90E+00	3.33E+01	—	pCi/L	U	U	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.2	6.33E+00	6.30E+01	—	pCi/L	U	U	09-2653	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-34.3	6.33E+00	6.50E+01	—	pCi/L	U	U	08-1809	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	5.06	4.77E+00	4.60E+01	—	pCi/L	U	U	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	23.7	1.18E+01	4.87E+01	—	pCi/L	U	U	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	—	0.746	7.63E-02	5.60E-01	—	pCi/L	—	J-	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.184	2.63E-02	2.30E-01	—	pCi/L	U	U	09-2653	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.219	4.33E-02	4.20E-01	—	pCi/L	U	U	08-1809	CALA-08-13840	GELC
LAO-2	4391	7	01/15/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.67	1.13E-01	6.40E-01	—	pCi/L	—	—	08-512	CALA-08-9737	GELC
LAO-2	4391	7	06/04/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.297	3.50E-02	2.94E-01	—	pCi/L	—	J	114323	GU04050G2OL01	GELC
LAO-2	4391	7	06/04/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	6.86	1.26E+00	1.45E+01	—	pCi/L	U	U	114323	GU04050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.26	9.33E-02	5.70E-01	—	pCi/L	—	—	09-2653	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.561	7.67E-02	6.70E-01	—	pCi/L	U	U	08-1809	CALA-08-13840	GELC
LAO-2	4391	7	01/15/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.635	8.67E-02	7.80E-01	—	pCi/L	U	U	08-512	CALA-08-9737	GELC
LAO-2	4391	7	06/04/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	10.7	2.43E+00	2.79E+01	—	pCi/L	U	U	114323	GU04050G2OL01	GELC
LAO-2	4391	7	09/19/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	28	5.13E+00	3.67E+01	—	pCi/L	U	U	88401	GU03090G2OL01	GELC
LAO-2	4391	7	09/19/03	WG	UF	DUP	—	Rad	EPA:901.1	Radium-228	<	20.1	4.30E+00	3.18E+01	—	pCi/L	U	—	88401	GU03090G2OL01	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.962	4.33E-01	4.70E+00	—	pCi/L	U	U	08-1809	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.5	4.70E-01	4.11E+00	—	pCi/L	U	U	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	3.21	5.00E-01	6.38E+00	—	pCi/L	U	U	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.283	3.00E-01	3.26E+00	—	pCi/L	U	U	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.3	5.33E-01	4.30E+00	—	pCi/L	U	U	09-2653	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.34	4.33E-01	4.70E+00	—	pCi/L	U	U	08-1809	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.439	4.30E-01	4.16E+00	—	pCi/L	U	U	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.146	3.70E-01	4.17E+00	—	pCi/L	U	U	168163	GU060700G2OL01	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	10.6	3.17E-01	3.90E-01	—	pCi/L	—	—	08-1809	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	10.6	3.16E-01	4.99E-01	—	pCi/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	8.02	8.87E-02	2.17E-01	—	pCi/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	20.7	2.32E-01	1.69E-01	—	pCi/L	—	—	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	12.2	3.33E-01	4.10E-01	—	pCi/L	—	—	09-2653	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	10.6	3.23E-01	4.70E-01	—	pCi/L	—	—	08-1809	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	11.7	3.50E-01	5.03E-01	—	pCi/L	—	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	9.5	1.04E-01	2.83E-01	—	pCi/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.122	6.33E-03	7.20E-02	—	pCi/L	—	—	08-1809	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.162	7.17E-03	2.93E-02	—	pCi/L	—	—	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.155	7.73E-03	4.83E-02	—	pCi/L	—	—	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.249	9.97E-03	9.20E-02	—	pCi/L	—	J	135808	GF05050G2OL01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.105	7.33E-03	1.30E-01	—	pCi/L	U	U	09-2653	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.092	5.00E-03	6.90E-02	—	pCi/L	—	—	08-1809	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.191	8.67E-03	3.32E-02	—	pCi/L	—	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.177	7.97E-03	4.67E-02	—	pCi/L	—	—	168163	GU060700G2OL01	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0104	2.13E-03	3.90E-02	—	pCi/L	U	U	08-1809	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00762	1.90E-03	3.92E-02	—	pCi/L	U	U	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0114	3.31E-03	4.07E-02	—	pCi/L	U	U	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0392	4.63E-03	5.60E-02	—	pCi/L	U	U	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	2.77E-03	6.30E-02	—	pCi/L	U	U	09-2653	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0173	2.50E-03	3.70E-02	—	pCi/L	U	U	08-1809	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00575	2.72E-03	4.44E-02	—	pCi/L	U	U	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0166	2.94E-03	3.94E-02	—	pCi/L	U	U	168163	GU060700G2OL01	GELC
LAO-2	4391	7	08/28/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.04	3.67E-03	3.80E-02	—	pCi/L	—	—	08-1809	CALA-08-13838	GELC
LAO-2	4391	7	07/23/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.115	6.43E-03	3.90E-02	—	pCi/L	—	J	190152	GF070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0741	5.30E-03	5.13E-02	—	pCi/L	—	J	168163	GF060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.15	7.37E-03	6.50E-02	—	pCi/L	—	J	135808	GF05050G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0603	5.00E-03	6.30E-02	—	pCi/L	U	U	09-2653	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.064	4.33E-03	3.60E-02	—	pCi/L	—	—	08-1809	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.128	6.63E-03	4.42E-02	—	pCi/L	—	J	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0851	5.43E-03	4.97E-02	—	pCi/L	—	J	168163	GU060700G2OL01	GELC
LAO-2	4391	7	07/15/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.433	—	—	3.00E-01	ug/L	J	J	09-2651	CALA-09-11121	GELC
LAO-2	4391	7	08/28/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1809	CALA-08-13840	GELC
LAO-2	4391	7	07/23/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	UH	—	190152	GU070700G2OL01	GELC
LAO-2	4391	7	07/27/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	UJ	168163	GU060700G2OL01	GELC
LAO-2	4391	7	05/02/05	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	—	ug/L	U	—	135808	GU05050G2OL01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	93.7	—	—	7.30E-01	mg/L	—	—	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	94.2	—	—	7.30E-01	mg/L	—	—	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	85.4	—	—	7.30E-01	mg/L	—	—	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	89	—	—	7.30E-01	mg/L	—	—	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	88.9	—	—	7.25E-01	mg/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	121	—	—	7.25E-01	mg/L	—	—	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.038	—	—	1.60E-02	mg/L	J	J-	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Geninorg	EPA:300.0	Bromide	—	0.816	—	—	6.60E-02	mg/L	—	—	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.818	—	—	6.60E-02	mg/L	—	—	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.227	—	—	6.70E-02	mg/L	—	—	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	1.26	—	—	6.60E-02	mg/L	—	—	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.994	—	—	6.60E-02	mg/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	2.08	—	—	6.60E-02	mg/L	—	—	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	23.6	—	—	5.00E-02	mg/L	—	—	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.9	—	—	5.00E-02	mg/L	—	—	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.3	—	—	3.00E-02	mg/L	—	—	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22	—	—	3.00E-02	mg/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	28.4	—	—	3.60E-02	mg/L	—	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	29.4	—	—	5.54E-03	mg/L	—	—	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	24.6	—	—	5.00E-02	mg/L	—	—	09-2652	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.3	—	—	5.00E-02	mg/L	—	—	09-2652	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.3	—	—	3.00E-02	mg/L	—	—	08-1826	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22	—	—	3.00E-02	mg/L	—	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.6	—	—	3.60E-02	mg/L	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.9	—	—	5.54E-03	mg/L	—	—	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	58	—	—	3.30E-01	mg/L	—	—	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	57.1	—	—	3.30E-01	mg/L	—	—	09-2652	CALA-09-11089	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	61.1	—	—	6.60E-01	mg/L	—	—	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	50.3	—	—	3.30E-01	mg/L	—	—	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	43.6	—	—	3.30E-01	mg/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	74.4	—	—	6.60E-01	mg/L	—	J	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.646	—	—	3.30E-02	mg/L	—	—	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.655	—	—	3.30E-02	mg/L	—	—	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.675	—	—	3.30E-02	mg/L	—	—	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.599	—	—	3.30E-02	mg/L	—	—	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.61	—	—	3.30E-02	mg/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.626	—	—	3.30E-02	mg/L	—	—	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	81.7	—	—	3.50E-01	mg/L	—	—	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	83.5	—	—	3.50E-01	mg/L	—	—	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	83.6	—	—	3.50E-01	mg/L	—	—	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76.4	—	—	4.25E-01	mg/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	98.3	—	—	8.50E-02	mg/L	—	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Geninorg	EPA:200.7	Hardness	—	104	—	—	5.54E-03	mg/L	—	—	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	85.3	—	—	3.50E-01	mg/L	—	—	09-2652	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	84.1	—	—	3.50E-01	mg/L	—	—	09-2652	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	84	—	—	3.50E-01	mg/L	—	—	08-1826	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	76.4	—	—	4.25E-01	mg/L	—	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	92.1	—	—	8.50E-02	mg/L	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Geninorg	EPA:200.7	Hardness	—	98.9	—	—	5.54E-03	mg/L	—	—	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	5.55	—	—	8.50E-02	mg/L	—	—	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.77	—	—	8.50E-02	mg/L	—	—	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.57	—	—	8.50E-02	mg/L	—	—	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.2	—	—	8.50E-02	mg/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.67	—	—	8.50E-02	mg/L	—	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.49	—	—	5.18E-03	mg/L	—	—	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	5.82	—	—	8.50E-02	mg/L	—	—	09-2652	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.7	—	—	8.50E-02	mg/L	—	—	09-2652	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.66	—	—	8.50E-02	mg/L	—	—	08-1826	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.19	—	—	8.50E-02	mg/L	—	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.23	—	—	8.50E-02	mg/L	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.09	—	—	5.18E-03	mg/L	—	—	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.243	—	—	5.00E-02	ug/L	—	—	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.248	—	—	5.00E-02	ug/L	—	—	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.229	—	—	5.00E-02	ug/L	—	J	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.596	—	—	5.00E-02	ug/L	—	—	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.266	—	—	5.00E-02	ug/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.585	—	—	5.00E-02	ug/L	—	J	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	7.02	—	—	5.00E-02	mg/L	—	—	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.1	—	—	5.00E-02	mg/L	—	—	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.73	—	—	5.00E-02	mg/L	—	—	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.64	—	—	5.00E-02	mg/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.84	—	—	5.00E-02	mg/L	—	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.63	—	—	1.65E-02	mg/L	—	—	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	7.25	—	—	5.00E-02	mg/L	—	—	09-2652	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.16	—	—	5.00E-02	mg/L	—	—	09-2652	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.86	—	—	5.00E-02	mg/L	—	—	08-1826	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.68	—	—	5.00E-02	mg/L	—	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.57	—	—	5.00E-02	mg/L	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.28	—	—	1.65E-02	mg/L	—	—	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	49.2	—	—	3.20E-02	mg/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	47.7	—	—	3.20E-02	mg/L	—	—	184191	GF070400GA3L01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	---	47	---	---	1.00E-01	mg/L	---	---	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	---	Geninorg	SW-846:6010B	Sodium	---	50.4	---	---	1.00E-01	mg/L	---	---	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	---	Geninorg	SW-846:6010B	Sodium	---	43.1	---	---	4.50E-02	mg/L	---	---	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	---	Geninorg	SW-846:6010B	Sodium	---	45.2	---	---	4.50E-02	mg/L	---	---	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	---	Geninorg	SW-846:6010B	Sodium	---	48	---	---	4.50E-02	mg/L	---	---	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	---	Geninorg	SW-846:6010B	Sodium	---	60	---	---	1.44E-02	mg/L	---	---	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	---	49.6	---	---	1.00E-01	mg/L	---	---	09-2652	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	---	Geninorg	SW-846:6010B	Sodium	---	49.1	---	---	1.00E-01	mg/L	---	---	09-2652	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	---	Geninorg	SW-846:6010B	Sodium	---	43.7	---	---	4.50E-02	mg/L	---	---	08-1826	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	---	Geninorg	SW-846:6010B	Sodium	---	46.8	---	---	4.50E-02	mg/L	---	---	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	---	Geninorg	SW-846:6010B	Sodium	---	47	---	---	4.50E-02	mg/L	---	---	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	---	Geninorg	SW-846:6010B	Sodium	---	56.7	---	---	1.44E-02	mg/L	---	---	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	---	415	---	---	1.00E+00	uS/cm	---	---	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	---	Geninorg	EPA:120.1	Specific Conductance	---	414	---	---	1.00E+00	uS/cm	---	---	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	---	Geninorg	EPA:120.1	Specific Conductance	---	416	---	---	1.00E+00	uS/cm	---	---	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	---	Geninorg	EPA:120.1	Specific Conductance	---	393	---	---	1.00E+00	uS/cm	---	---	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	---	Geninorg	EPA:120.1	Specific Conductance	---	410	---	---	1.00E+00	uS/cm	---	---	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	---	Geninorg	EPA:120.1	Specific Conductance	---	520	---	---	1.00E+00	uS/cm	---	---	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	---	15.6	---	---	1.00E-01	mg/L	---	---	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	---	Geninorg	EPA:300.0	Sulfate	---	15.7	---	---	1.00E-01	mg/L	---	---	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	---	Geninorg	EPA:300.0	Sulfate	---	8.29	---	---	1.00E-01	mg/L	---	---	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	---	Geninorg	EPA:300.0	Sulfate	---	15.2	---	---	1.00E-01	mg/L	---	---	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	---	Geninorg	EPA:300.0	Sulfate	---	15.7	---	---	1.00E-01	mg/L	---	---	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	---	Geninorg	EPA:300.0	Sulfate	---	17.4	---	---	1.00E-01	mg/L	---	---	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	---	269	---	---	2.40E+00	mg/L	---	---	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	---	Geninorg	EPA:160.1	Total Dissolved Solids	---	263	---	---	2.40E+00	mg/L	---	---	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	---	Geninorg	EPA:160.1	Total Dissolved Solids	---	264	---	---	2.40E+00	mg/L	---	---	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	---	Geninorg	EPA:160.1	Total Dissolved Solids	---	254	---	---	2.40E+00	mg/L	---	---	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	---	Geninorg	EPA:160.1	Total Dissolved Solids	---	277	---	---	2.38E+00	mg/L	---	---	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	---	Geninorg	EPA:160.1	Total Dissolved Solids	---	274	---	---	2.38E+00	mg/L	---	---	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	---	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	---	---	2.90E-02	mg/L	U	UJ	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	---	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	---	0.184	---	---	2.90E-02	mg/L	---	---	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	---	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	---	0.07	---	---	3.30E-02	mg/L	J	J-	09-2651	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	---	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	---	---	2.90E-02	mg/L	U	U	08-1825	CALA-08-13860	GELC
LAO-3a	4401	4.7	01/09/08	WG	UF	CS	---	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.183	---	---	2.90E-02	mg/L	---	U	08-467	CALA-08-9741	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	---	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	---	---	2.90E-02	mg/L	U	UJ	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	UF	CS	---	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	---	0.19	---	---	2.90E-02	mg/L	---	---	184191	GU070400GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	---	2.8	---	---	3.30E-01	mg/L	---	---	09-2651	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	---	Geninorg	SW-846:9060	Total Organic Carbon	---	2.78	---	---	3.30E-01	mg/L	---	---	09-2651	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	---	Geninorg	SW-846:9060	Total Organic Carbon	---	2.38	---	---	3.30E-01	mg/L	---	---	08-1825	CALA-08-13860	GELC
LAO-3a	4401	4.7	01/09/08	WG	UF	CS	---	Geninorg	SW-846:9060	Total Organic Carbon	---	2.22	---	---	3.30E-01	mg/L	---	---	08-467	CALA-08-9741	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	---	Geninorg	SW-846:9060	Total Organic Carbon	---	3.51	---	---	3.30E-01	mg/L	---	---	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	UF	CS	---	Geninorg	SW-846:9060	Total Organic Carbon	---	2.4	---	---	3.30E-01	mg/L	---	---	184191	GU070400GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	---	0.14	---	---	1.50E-02	mg/L	---	---	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	---	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	---	0.178	---	---	1.50E-02	mg/L	---	---	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	---	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.137	---	---	2.40E-02	mg/L	---	U	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	---	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.148	---	---	2.40E-02	mg/L	---	U	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	---	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	---	0.161	---	---	2.40E-02	mg/L	---	---	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	---	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.143	---	---	2.40E-02	mg/L	---	U	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Geninorg	EPA:150.1	pH	---	6.87	---	---	1.00E-02	SU	H	J-	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	---	Geninorg	EPA:150.1	pH	---	6.8	---	---	1.00E-02	SU	H	J-	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	---	Geninorg	EPA:150.1	pH	---	6.87	---	---	1.00E-02	SU	H	J-	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	---	Geninorg	EPA:150.1	pH	---	7.1	---	---	1.00E-02	SU	H	J-	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	---	Geninorg	EPA:150.1	pH	---	7.12	---	---	1.00E-02	SU	H	J	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	04/12/07	WG	F	CS	---	Geninorg	EPA:150.1	pH	---	6.91	---	---	1.00E-02	SU	H	J	184191	GF070400GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Metals	SW-846:6010B	Aluminum	---	93.2	---	---	6.80E+01	ug/L	J	J	09-2652	CALA-09-11093	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	73.9	—	—	6.80E+01	ug/L	J	J	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	88.3	—	—	6.80E+01	ug/L	J	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	21.1	—	—	1.47E+01	ug/L	B	R	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	158	—	—	6.80E+01	ug/L	J	J	09-2652	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	148	—	—	6.80E+01	ug/L	J	J	09-2652	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-1826	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	190	—	—	6.80E+01	ug/L	J	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	122	—	—	6.80E+01	ug/L	J	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	47.9	—	—	1.47E+01	ug/L	B	R	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Metals	SW-846:6020	Arsenic	—	4.75	—	—	1.50E+00	ug/L	J	J	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.99	—	—	1.50E+00	ug/L	J	J	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.8	—	—	1.50E+00	ug/L	J	J	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	UJ	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24E+00	ug/L	U	UJ	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Metals	SW-846:6020	Arsenic	—	3.16	—	—	1.50E+00	ug/L	J	J	09-2652	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.67	—	—	1.50E+00	ug/L	J	J	09-2652	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.9	—	—	1.50E+00	ug/L	J	J	08-1826	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	UJ	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24E+00	ug/L	U	UJ	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	66.6	—	—	1.00E+00	ug/L	—	—	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	66.3	—	—	1.00E+00	ug/L	—	—	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	65.6	—	—	1.00E+00	ug/L	—	—	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	63.6	—	—	1.00E+00	ug/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	74.1	—	—	1.00E+00	ug/L	—	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	78.3	—	—	2.22E-01	ug/L	—	—	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	69.5	—	—	1.00E+00	ug/L	—	—	09-2652	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	68.9	—	—	1.00E+00	ug/L	—	—	09-2652	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	64.9	—	—	1.00E+00	ug/L	—	—	08-1826	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	63.7	—	—	1.00E+00	ug/L	—	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	70.8	—	—	1.00E+00	ug/L	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	74.3	—	—	2.22E-01	ug/L	—	—	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	31.5	—	—	1.50E+01	ug/L	J	J	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	33.7	—	—	1.50E+01	ug/L	J	J	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	33.5	—	—	1.00E+01	ug/L	J	J	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	37.6	—	—	1.00E+01	ug/L	J	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	42.8	—	—	1.00E+01	ug/L	J	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	35.3	—	—	4.88E+00	ug/L	B	—	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	33	—	—	1.50E+01	ug/L	J	J	09-2652	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	33.6	—	—	1.50E+01	ug/L	J	J	09-2652	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	33.3	—	—	1.00E+01	ug/L	J	J	08-1826	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	38.6	—	—	1.00E+01	ug/L	J	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	39.8	—	—	1.00E+01	ug/L	J	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	31.9	—	—	4.88E+00	ug/L	B	—	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	2.96	—	—	2.50E+00	ug/L	J	J	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.32	—	—	2.50E+00	ug/L	J	J	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.1	—	—	1.50E+00	ug/L	J	J	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2	—	—	1.00E+00	ug/L	J	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	2.5	—	—	1.00E+00	ug/L	J	U	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Metals	SW-846:6010B	Chromium	<	1.92	—	—	5.03E-01	ug/L	B	U	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	3.09	—	—	2.50E+00	ug/L	J	J	09-2652	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.51	—	—	2.50E+00	ug/L	J	J	09-2652	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2	—	—	1.50E+00	ug/L	J	J	08-1826	CALA-08-13860	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.5	—	—	1.00E+00	ug/L	J	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	5	—	—	5.00E+00	ug/L	U	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	<	1.61	—	—	5.03E-01	ug/L	B	U	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	177	—	—	1.00E-01	ug/L	—	—	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	170	—	—	1.00E-01	ug/L	—	—	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	235	—	—	5.00E-01	ug/L	—	—	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	350	—	—	2.00E+00	ug/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	310	—	—	2.00E+00	ug/L	—	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	689	—	—	1.43E+00	ug/L	—	—	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	173	—	—	1.00E-01	ug/L	—	—	09-2652	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	176	—	—	1.00E-01	ug/L	—	—	09-2652	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	227	—	—	5.00E-01	ug/L	—	—	08-1826	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	348	—	—	2.00E+00	ug/L	—	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	313	—	—	2.00E+00	ug/L	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	650	—	—	1.43E+00	ug/L	—	—	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.866	—	—	5.00E-01	ug/L	J	J	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.947	—	—	5.00E-01	ug/L	J	J	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	5.00E-01	ug/L	J	J	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.74	—	—	5.00E-01	ug/L	J	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.8	—	—	5.00E-01	ug/L	J	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Metals	SW-846:6010B	Nickel	<	0.69	—	—	6.90E-01	ug/L	U	U	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	0.925	—	—	5.00E-01	ug/L	J	J	09-2652	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.965	—	—	5.00E-01	ug/L	J	J	09-2652	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	J	08-1826	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.98	—	—	5.00E-01	ug/L	J	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2.5	—	—	2.50E+00	ug/L	U	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	<	0.69	—	—	6.90E-01	ug/L	U	—	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	50.5	—	—	5.30E-02	mg/L	—	—	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.4	—	—	5.30E-02	mg/L	—	—	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	53	—	—	3.20E-02	mg/L	—	—	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44	—	—	3.20E-02	mg/L	—	—	08-467	CALA-08-9742	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	145	—	—	1.00E+00	ug/L	—	—	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	152	—	—	1.00E+00	ug/L	—	—	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	147	—	—	1.00E+00	ug/L	—	—	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	145	—	—	1.00E+00	ug/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	179	—	—	1.00E+00	ug/L	—	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	192	—	—	1.78E-01	ug/L	—	—	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	153	—	—	1.00E+00	ug/L	—	—	09-2652	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	151	—	—	1.00E+00	ug/L	—	—	09-2652	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	146	—	—	1.00E+00	ug/L	—	—	08-1826	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	145	—	—	1.00E+00	ug/L	—	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	168	—	—	1.00E+00	ug/L	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	182	—	—	1.78E-01	ug/L	—	—	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.356	—	—	3.00E-01	ug/L	J	J	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.113	—	—	2.00E-02	ug/L	B	U	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1826	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.098	—	—	2.00E-02	ug/L	B	U	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	2.78	—	—	1.00E+00	ug/L	J	J	09-2652	CALA-09-11093	GELC
LAO-3a	4401	4.7	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.73	—	—	1.00E+00	ug/L	J	J	09-2652	CALA-09-11089	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.6	—	—	1.00E+00	ug/L	J	J	08-1826	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.4	—	—	1.00E+00	ug/L	J	—	190027	GF070700GA3L01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.1	—	—	1.00E+00	ug/L	J	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	3.76	—	—	6.06E-01	ug/L	B	U	114296	GF04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	2.74	—	—	1.00E+00	ug/L	J	J	09-2652	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.86	—	—	1.00E+00	ug/L	J	J	09-2652	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.6	—	—	1.00E+00	ug/L	J	J	08-1826	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.3	—	—	1.00E+00	ug/L	J	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.4	—	—	1.00E+00	ug/L	J	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.43	—	—	6.06E-01	ug/L	B	U	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00595	1.40E-03	2.50E-02	—	pCi/L	U	U	08-1827	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0013	7.50E-04	3.15E-02	—	pCi/L	U	U	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.015	6.23E-03	2.86E-02	—	pCi/L	U	U	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	-0.0047	1.23E-03	3.20E-02	—	pCi/L	U	U	09-2653	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00669	1.33E-03	4.10E-02	—	pCi/L	U	U	09-2653	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0129	2.50E-03	3.00E-02	—	pCi/L	U	U	08-1827	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00142	5.83E-04	3.46E-02	—	pCi/L	U	U	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	—	0.0309	4.97E-03	3.08E-02	—	pCi/L	—	J	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	Alpha Spec	Americium-241	<	0.0163	3.33E-03	3.60E-02	—	pCi/L	U	U	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	7.08	2.35E+00	2.31E+01	—	pCi/L	U	U	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.23	4.67E-01	5.00E+00	—	pCi/L	U	U	08-1827	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.75	4.60E-01	5.16E+00	—	pCi/L	U	U	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.703	3.43E-01	3.81E+00	—	pCi/L	U	U	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	-1.73	4.33E-01	4.10E+00	—	pCi/L	U	U	09-2653	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.41	4.67E-01	4.30E+00	—	pCi/L	U	U	09-2653	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.838	4.67E-01	4.90E+00	—	pCi/L	U	U	08-1827	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.496	5.33E-01	5.05E+00	—	pCi/L	U	U	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.56	3.63E-01	3.99E+00	—	pCi/L	U	U	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	4.86	3.70E-01	4.17E+00	—	pCi/L	UI	R	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.047	5.00E-01	4.70E+00	—	pCi/L	U	U	08-1827	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.51	5.03E-01	5.42E+00	—	pCi/L	U	U	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.11	4.33E-01	4.40E+00	—	pCi/L	U	U	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	-0.803	4.33E-01	3.90E+00	—	pCi/L	U	U	09-2653	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.732	5.00E-01	5.10E+00	—	pCi/L	U	U	09-2653	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.921	4.67E-01	4.20E+00	—	pCi/L	U	U	08-1827	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.26	6.33E-01	5.37E+00	—	pCi/L	U	U	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.165	3.28E-01	3.63E+00	—	pCi/L	U	U	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.22	3.29E-01	3.71E+00	—	pCi/L	U	U	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Rad	EPA:900	Gross alpha/beta	<	-0.0752	1.47E-01	2.30E+00	—	pCi/L	U	U	09-2653	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.38	3.07E-01	2.40E+00	—	pCi/L	U	U	09-2653	CALA-09-11091	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	52.8	1.59E+00	2.19E+00	—	pCi/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	61.2	7.17E-01	1.56E+00	—	pCi/L	—	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Rad	EPA:900	Gross beta	—	46.8	1.50E+00	2.10E+00	—	pCi/L	—	—	09-2653	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	46.9	1.50E+00	2.30E+00	—	pCi/L	—	—	09-2653	CALA-09-11091	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	46.2	1.41E+00	2.22E+00	—	pCi/L	—	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	56.3	5.37E-01	2.31E+00	—	pCi/L	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	72	7.77E-01	3.10E+00	—	pCi/L	—	—	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	09/17/03	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	87.4	5.80E-01	1.48E+00	—	pCi/L	—	—	88401	GU03090GA3L01	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	21.2	7.67E+00	5.20E+01	—	pCi/L	U	U	08-1827	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	102	4.07E+01	2.77E+02	—	pCi/L	U	U	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	242	1.14E+02	5.09E+02	—	pCi/L	U	U	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	179	2.50E+01	1.70E+02	—	pCi/L	—	U	09-2653	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	188	4.33E+01	1.40E+02	—	pCi/L	—	U	09-2653	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	12.1	4.33E+00	1.50E+01	—	pCi/L	U	U	08-1827	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	66.7	1.89E+01	1.74E+02	—	pCi/L	U	U	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	125	1.23E+02	3.42E+02	—	pCi/L	U	U	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	430	1.72E+02	8.41E+02	—	pCi/L	U	U	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.23	3.13E+00	3.10E+01	—	pCi/L	U	U	08-1827	CALA-08-13859	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.61	3.87E+00	3.56E+01	—	pCi/L	U	U	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	18.6	3.17E+00	2.76E+01	—	pCi/L	U	U	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	40.6	4.67E+00	4.50E+01	—	pCi/L	U	U	09-2653	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	24.5	5.00E+00	4.40E+01	—	pCi/L	U	U	09-2653	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.18	4.00E+00	3.50E+01	—	pCi/L	U	U	08-1827	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.55	4.27E+00	4.02E+01	—	pCi/L	U	U	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	17.8	2.66E+00	2.85E+01	—	pCi/L	U	U	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.92	2.08E+00	2.14E+01	—	pCi/L	U	U	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	9.00E-04	2.90E-02	—	pCi/L	U	U	08-1827	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0134	2.48E-03	2.68E-02	—	pCi/L	U	U	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	5.07E-03	3.43E-02	—	pCi/L	U	U	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.0042	1.20E-03	3.30E-02	—	pCi/L	U	U	09-2653	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00522	1.50E-03	4.20E-02	—	pCi/L	U	U	09-2653	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00624	3.33E-03	3.20E-02	—	pCi/L	U	U	08-1827	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00598	3.33E-03	4.98E-02	—	pCi/L	U	U	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-5.08E-10	2.01E-03	4.09E-02	—	pCi/L	U	J+, U	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-238	<	-0.00203	2.43E-03	3.10E-02	—	pCi/L	U	U	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00966	1.43E-03	3.30E-02	—	pCi/L	U	U	08-1827	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00958	2.31E-03	2.97E-02	—	pCi/L	U	U	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0107	3.57E-03	4.00E-02	—	pCi/L	U	U	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0.00629	2.33E-03	4.10E-02	—	pCi/L	U	U	09-2653	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00783	2.60E-03	5.10E-02	—	pCi/L	U	U	09-2653	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00832	1.70E-03	3.60E-02	—	pCi/L	U	U	08-1827	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.000996	1.83E-03	4.57E-02	—	pCi/L	U	U	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0511	5.73E-03	4.76E-02	—	pCi/L	U	J+, U	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-239/240	<	-0.00202	1.51E-03	3.20E-02	—	pCi/L	U	U	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	17	6.33E+00	7.20E+01	—	pCi/L	U	U	08-1827	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	3.59	5.57E+00	4.49E+01	—	pCi/L	U	U	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	18.8	4.27E+00	4.98E+01	—	pCi/L	U	U	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	-5.43	8.00E+00	7.20E+01	—	pCi/L	U	U	09-2653	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-28	6.33E+00	5.90E+01	—	pCi/L	U	U	09-2653	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	33.5	6.33E+00	6.50E+01	—	pCi/L	U	U	08-1827	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	23.2	8.67E+00	5.83E+01	—	pCi/L	U	U	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	52.2	4.67E+00	5.90E+01	—	pCi/L	U	U	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	71.6	4.17E+00	5.09E+01	—	pCi/L	UI	R	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.323	4.00E-02	2.90E-01	—	pCi/L	—	U	09-2653	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.656	6.67E-02	5.00E-01	—	pCi/L	—	—	08-1827	CALA-08-13860	GELC
LAO-3a	4401	4.7	01/09/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.43	1.03E-01	6.30E-01	—	pCi/L	—	—	08-467	CALA-08-9741	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	5.7	1.33E+00	6.20E+00	—	pCi/L	U	U	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.265	2.96E-02	2.32E-01	—	pCi/L	—	J	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	09/17/03	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.11	6.83E-02	4.01E-01	—	pCi/L	—	J	88401	GU03090GA3L01	GELC
LAO-3a	4401	4.7	09/17/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	29.8	2.11E+00	1.18E+01	—	pCi/L	—	J	88401	GU03090GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.658	7.33E-02	5.90E-01	—	pCi/L	—	U	09-2653	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.566	6.00E-02	4.40E-01	—	pCi/L	—	—	08-1827	CALA-08-13860	GELC
LAO-3a	4401	4.7	01/09/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.265	8.00E-02	8.00E-01	—	pCi/L	U	U	08-467	CALA-08-9741	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	7.14	1.20E+00	1.30E+01	—	pCi/L	U	U	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	09/17/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	14.8	2.94E+00	2.52E+01	—	pCi/L	U	U	88401	GU03090GA3L01	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.34	4.33E-01	3.20E+00	—	pCi/L	U	U	08-1827	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.72	4.13E-01	3.35E+00	—	pCi/L	U	U	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.14	6.80E-01	3.33E+00	—	pCi/L	U	U	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	-0.482	4.33E-01	4.10E+00	—	pCi/L	U	U	09-2653	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.18	4.67E-01	4.00E+00	—	pCi/L	U	U	09-2653	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.135	4.33E-01	4.30E+00	—	pCi/L	U	U	08-1827	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.216	4.27E-01	4.14E+00	—	pCi/L	U	U	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.417	3.60E-01	4.08E+00	—	pCi/L	U	U	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0741	3.43E-01	3.66E+00	—	pCi/L	U	U	114296	GU04050GA3L01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	22.7	6.33E-01	4.10E-01	—	pCi/L	—	—	08-1827	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	17.6	5.33E-01	4.23E-01	—	pCi/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	19.7	1.29E-01	2.52E-01	—	pCi/L	—	—	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	—	21.8	6.00E-01	4.50E-01	—	pCi/L	—	—	09-2653	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	20.8	5.67E-01	4.00E-01	—	pCi/L	—	—	09-2653	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	23.6	6.67E-01	4.60E-01	—	pCi/L	—	—	08-1827	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	15.1	6.53E-01	2.93E-01	—	pCi/L	—	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	16.8	1.18E-01	2.50E-01	—	pCi/L	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	GFPC	Strontium-90	—	36.5	1.94E+00	1.45E-01	—	pCi/L	—	—	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.12	6.33E-03	6.60E-02	—	pCi/L	—	—	08-1827	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.141	7.00E-03	3.58E-02	—	pCi/L	—	—	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.222	1.28E-02	7.59E-02	—	pCi/L	—	J	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	<	0.0716	5.67E-03	1.20E-01	—	pCi/L	U	U	09-2653	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.15	9.33E-03	1.60E-01	—	pCi/L	U	U	09-2653	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.101	5.33E-03	6.10E-02	—	pCi/L	—	—	08-1827	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.128	7.57E-03	4.18E-02	—	pCi/L	—	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.28	1.32E-02	7.03E-02	—	pCi/L	—	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-234	—	0.286	1.17E-02	9.00E-02	—	pCi/L	—	—	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0142	2.50E-03	3.50E-02	—	pCi/L	U	U	08-1827	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0158	2.81E-03	3.02E-02	—	pCi/L	U	U	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0246	5.27E-03	6.42E-02	—	pCi/L	U	U	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.023	3.67E-03	5.80E-02	—	pCi/L	U	U	09-2653	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00533	1.77E-03	8.10E-02	—	pCi/L	U	U	09-2653	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0131	2.33E-03	3.20E-02	—	pCi/L	U	U	08-1827	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	2.46E-03	3.52E-02	—	pCi/L	U	U	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00466	3.06E-03	5.95E-02	—	pCi/L	U	U	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-235/236	—	0.118	7.03E-03	5.50E-02	—	pCi/L	—	J	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	09/02/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0535	4.33E-03	3.40E-02	—	pCi/L	—	—	08-1827	CALA-08-13859	GELC
LAO-3a	4401	4.7	07/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0896	5.60E-03	4.82E-02	—	pCi/L	—	J	190027	GF070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.195	1.12E-02	8.06E-02	—	pCi/L	—	J	168446	GF060700GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.0619	5.33E-03	5.80E-02	—	pCi/L	—	—	09-2653	CALA-09-11092	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.121	9.00E-03	8.10E-02	—	pCi/L	—	—	09-2653	CALA-09-11091	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0584	4.00E-03	3.20E-02	—	pCi/L	—	—	08-1827	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.111	6.60E-03	5.63E-02	—	pCi/L	—	J	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.186	1.00E-02	7.47E-02	—	pCi/L	—	J	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Uranium-238	<	30.1	3.47E+01	1.69E+02	—	pCi/L	U	U	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-238	—	0.153	7.83E-03	6.40E-02	—	pCi/L	—	J	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FB	Voa	SW-846:8260B	Chloroform	—	2.23	—	—	2.50E-01	ug/L	—	—	09-2651	CALA-09-11094	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	U	08-1825	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	—	ug/L	U	—	114296	GU04050GA3L01	GELC
LAO-3a	4401	4.7	07/15/09	WG	UF	CS	FB	Voa	SW-846:8260B	Chloromethane	—	0.363	—	—	3.00E-01	ug/L	J	J	09-2651	CALA-09-11094	GELC
LAO-3a	4401	4.7	09/02/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1825	CALA-08-13860	GELC
LAO-3a	4401	4.7	07/19/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	190027	GU070700GA3L01	GELC
LAO-3a	4401	4.7	08/01/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	168446	GU060700GA3L01	GELC
LAO-3a	4401	4.7	06/02/04	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	—	ug/L	U	—	114296	GU04050GA3L01	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63	—	—	7.30E-01	mg/L	—	—	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80	—	—	7.30E-01	mg/L	—	—	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.5	—	—	7.30E-01	mg/L	—	—	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	76.9	—	—	7.25E-01	mg/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.5	—	—	7.25E-01	mg/L	—	—	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.536	—	—	1.60E-02	mg/L	—	J-	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.15	—	—	1.50E-01	mg/L	U	—	190027	GF070700GC5401	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.161	—	—	6.60E-02	mg/L	J	J	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.277	—	—	6.70E-02	mg/L	—	—	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.4	—	—	6.60E-02	mg/L	—	—	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.483	—	—	6.60E-02	mg/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.366	—	—	6.60E-02	mg/L	—	—	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.6	—	—	5.00E-02	mg/L	—	—	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20	—	—	3.00E-02	mg/L	—	—	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.5	—	—	3.00E-02	mg/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	3.60E-02	mg/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	5.54E-03	mg/L	—	—	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.6	—	—	5.00E-02	mg/L	—	—	09-2625	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.8	—	—	3.00E-02	mg/L	—	—	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.5	—	—	3.00E-02	mg/L	—	—	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.6	—	—	3.60E-02	mg/L	—	—	135808	GU05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.3	—	—	5.54E-03	mg/L	—	—	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	51.3	—	—	6.60E-01	mg/L	—	—	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	45.8	—	—	3.30E-01	mg/L	—	—	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	54.1	—	—	3.30E-01	mg/L	—	—	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	40.2	—	—	3.30E-01	mg/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	49.8	—	—	3.30E-01	mg/L	—	J	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.581	—	—	3.30E-02	mg/L	—	—	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.58	—	—	3.30E-02	mg/L	—	—	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.561	—	—	3.30E-02	mg/L	—	—	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.591	—	—	3.30E-02	mg/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.6	—	—	3.30E-02	mg/L	—	—	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	65.4	—	—	3.50E-01	mg/L	—	—	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74.4	—	—	3.50E-01	mg/L	—	—	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	68.7	—	—	4.25E-01	mg/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76.6	—	—	2.00E-02	mg/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Geninorg	EPA:200.7	Hardness	—	81.6	—	—	5.54E-03	mg/L	—	—	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	66.1	—	—	3.50E-01	mg/L	—	—	09-2625	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	74.4	—	—	3.50E-01	mg/L	—	—	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	68.8	—	—	4.25E-01	mg/L	—	—	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	76.7	—	—	2.00E-02	mg/L	—	—	135808	GU05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Geninorg	EPA:200.7	Hardness	—	79.4	—	—	5.54E-03	mg/L	—	—	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.19	—	—	8.50E-02	mg/L	—	—	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.96	—	—	8.50E-02	mg/L	—	—	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.48	—	—	8.50E-02	mg/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.41	—	—	8.50E-02	mg/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.6	—	—	5.18E-03	mg/L	—	—	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.4	—	—	8.50E-02	mg/L	—	—	09-2625	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.04	—	—	8.50E-02	mg/L	—	—	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.5	—	—	8.50E-02	mg/L	—	—	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.47	—	—	8.50E-02	mg/L	—	—	135808	GU05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.4	—	—	5.18E-03	mg/L	—	—	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.183	—	—	5.00E-02	ug/L	J	J	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.203	—	—	5.00E-02	ug/L	—	—	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.171	—	—	5.00E-02	ug/L	J	J	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0898	—	—	5.00E-02	ug/L	J	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.374	—	—	5.00E-02	ug/L	—	J	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.64	—	—	5.00E-02	mg/L	—	—	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.41	—	—	5.00E-02	mg/L	—	—	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.57	—	—	5.00E-02	mg/L	—	—	190027	GF070700GC5401	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.54	—	—	5.00E-02	mg/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.78	—	—	1.65E-02	mg/L	—	—	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.56	—	—	5.00E-02	mg/L	—	—	09-2625	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.56	—	—	5.00E-02	mg/L	—	—	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.58	—	—	5.00E-02	mg/L	—	—	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.66	—	—	5.00E-02	mg/L	—	—	135808	GU05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.67	—	—	1.65E-02	mg/L	—	—	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	41	—	—	3.20E-02	mg/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	38	—	—	3.20E-02	mg/L	—	—	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	38.3	—	—	2.00E-01	mg/L	N	—	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	38.4	—	—	4.50E-02	mg/L	—	—	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	37	—	—	4.50E-02	mg/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	44.3	—	—	4.50E-02	mg/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	44.4	—	—	1.44E-02	mg/L	—	—	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	38	—	—	2.00E-01	mg/L	N	—	09-2625	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	39.5	—	—	4.50E-02	mg/L	—	—	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	37.3	—	—	4.50E-02	mg/L	—	—	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	45.2	—	—	4.50E-02	mg/L	—	—	135808	GU05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	43.4	—	—	1.44E-02	mg/L	—	—	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	345	—	—	1.00E+00	uS/cm	—	—	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	348	—	—	1.00E+00	uS/cm	—	—	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	353	—	—	1.00E+00	uS/cm	—	—	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	351	—	—	1.00E+00	uS/cm	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	331	—	—	1.00E+00	uS/cm	—	—	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.19	—	—	1.00E-01	mg/L	—	—	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.5	—	—	1.00E-01	mg/L	—	—	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.2	—	—	1.00E-01	mg/L	—	—	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.4	—	—	1.00E-01	mg/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14.9	—	—	1.00E-01	mg/L	—	—	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	214	—	—	2.40E+00	mg/L	—	J	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	233	—	—	2.40E+00	mg/L	—	J	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	216	—	—	2.40E+00	mg/L	—	—	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.38E+00	mg/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	187	—	—	2.38E+00	mg/L	—	—	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.34	—	—	3.30E-01	mg/L	—	—	09-2624	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.64	—	—	3.30E-01	mg/L	—	—	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.73	—	—	3.30E-01	mg/L	—	—	08-467	CALA-08-9745	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.69	—	—	3.30E-01	mg/L	—	—	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.3	—	—	3.30E-01	mg/L	—	—	184191	GU070400GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.109	—	—	1.50E-02	mg/L	—	—	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.088	—	—	2.40E-02	mg/L	—	U	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.031	—	—	2.40E-02	mg/L	J	U	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.05	—	—	2.40E-02	mg/L	—	U	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.057	—	—	2.40E-02	mg/L	—	U	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.88	—	—	1.00E-02	SU	H	J-	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.81	—	—	1.00E-02	SU	H	J-	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.99	—	—	1.00E-02	SU	H	J-	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.76	—	—	1.00E-02	SU	H	J	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	04/12/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.1	—	—	1.00E-02	SU	H	J	184191	GF070400GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	119	—	—	6.80E+01	ug/L	J	J	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	181	—	—	6.80E+01	ug/L	J	J+	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	72.8	—	—	1.47E+01	ug/L	B	J-	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	208	—	—	6.80E+01	ug/L	—	—	09-2625	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	240	—	—	6.80E+01	ug/L	—	J+	08-1813	CALA-08-13841	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	111	—	—	6.80E+01	ug/L	J	—	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	85.3	—	—	6.80E+01	ug/L	J	—	135808	GU05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	132	—	—	1.47E+01	ug/L	—	J-	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	55.4	—	—	1.00E+00	ug/L	—	—	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	58.9	—	—	1.00E+00	ug/L	—	—	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	57.4	—	—	1.00E+00	ug/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	60.2	—	—	1.00E+00	ug/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	64.8	—	—	2.22E-01	ug/L	—	—	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	55.3	—	—	1.00E+00	ug/L	—	—	09-2625	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	62.2	—	—	1.00E+00	ug/L	—	—	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	58	—	—	1.00E+00	ug/L	—	—	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	61.2	—	—	1.00E+00	ug/L	—	—	135808	GU05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	63.6	—	—	2.22E-01	ug/L	—	—	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	25.7	—	—	1.50E+01	ug/L	J	J	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	28.6	—	—	1.00E+01	ug/L	J	J	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	26	—	—	1.00E+01	ug/L	J	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.2	—	—	1.00E+01	ug/L	J	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	28.7	—	—	4.88E+00	ug/L	B	—	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	25.8	—	—	1.50E+01	ug/L	J	J	09-2625	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	29	—	—	1.00E+01	ug/L	J	J	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	25.3	—	—	1.00E+01	ug/L	J	—	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.2	—	—	1.00E+01	ug/L	J	—	135808	GU05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	26.2	—	—	4.88E+00	ug/L	B	—	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	40.7	—	—	1.00E-01	ug/L	—	—	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	37.3	—	—	1.00E-01	ug/L	—	—	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	44.3	—	—	2.00E+00	ug/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	21.2	—	—	1.00E-01	ug/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	23.1	—	—	1.43E+00	ug/L	—	—	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	39.7	—	—	1.00E-01	ug/L	—	—	09-2625	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	36.9	—	—	1.00E-01	ug/L	—	—	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	44.1	—	—	2.00E+00	ug/L	—	—	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	22.1	—	—	1.00E-01	ug/L	—	—	135808	GU05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	23.1	—	—	1.43E+00	ug/L	—	—	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.757	—	—	5.00E-01	ug/L	J	J	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.91	—	—	5.00E-01	ug/L	J	J	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.78	—	—	5.00E-01	ug/L	J	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Metals	SW-846:6010B	Nickel	<	1.5	—	—	1.00E+00	ug/L	J	U	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Metals	SW-846:6010B	Nickel	<	0.69	—	—	6.90E-01	ug/L	U	UJ	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.761	—	—	5.00E-01	ug/L	J	J	09-2625	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.65	—	—	5.00E-01	ug/L	J	J	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.87	—	—	5.00E-01	ug/L	J	—	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	<	1.7	—	—	1.00E+00	ug/L	J	U	135808	GU05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	<	1.83	—	—	6.90E-01	ug/L	B	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44.4	—	—	5.30E-02	mg/L	—	—	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	41.7	—	—	3.20E-02	mg/L	—	—	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.5	—	—	3.20E-02	mg/L	—	—	08-467	CALA-08-9746	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	122	—	—	1.00E+00	ug/L	—	—	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	128	—	—	1.00E+00	ug/L	—	—	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	129	—	—	1.00E+00	ug/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	142	—	—	1.00E+00	ug/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	149	—	—	1.78E-01	ug/L	—	—	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	118	—	—	1.00E+00	ug/L	—	—	09-2625	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	132	—	—	1.00E+00	ug/L	—	—	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	129	—	—	1.00E+00	ug/L	—	—	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	144	—	—	1.00E+00	ug/L	—	—	135808	GU05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	145	—	—	1.78E-01	ug/L	—	—	114323	GU04050GC5401	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-4.5c	4431	13.3	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.17	—	—	1.00E+00	ug/L	J	J	09-2625	CALA-09-11122	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	4.2	—	—	1.00E+00	ug/L	J	U	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1.00E+00	ug/L	U	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.1	—	—	1.00E+00	ug/L	J	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	0.606	—	—	6.06E-01	ug/L	U	JN-	114323	GF04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.42	—	—	1.00E+00	ug/L	J	J	09-2625	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	2.8	—	—	1.00E+00	ug/L	J	U	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.3	—	—	1.00E+00	ug/L	J	—	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1.00E+00	ug/L	U	—	135808	GU05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	0.606	—	—	6.06E-01	ug/L	U	UJ	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0106	2.00E-03	2.70E-02	—	pCi/L	U	U	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00269	7.70E-04	3.18E-02	—	pCi/L	U	U	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0124	1.96E-03	3.30E-02	—	pCi/L	U	U	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00836	3.33E-03	3.20E-02	—	pCi/L	U	U	09-2626	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0181	3.67E-03	4.70E-02	—	pCi/L	U	U	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00339	8.87E-04	3.04E-02	—	pCi/L	U	U	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-8.1	4.10E+00	3.99E+01	—	pCi/L	U	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	Alpha Spec	Americium-241	<	-0.00793	3.87E-03	3.50E-02	—	pCi/L	U	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.25	3.07E-01	3.30E+00	—	pCi/L	U	U	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.21	5.30E-01	5.76E+00	—	pCi/L	U	U	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.998	3.53E-01	3.79E+00	—	pCi/L	U	U	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.229	4.33E-01	4.40E+00	—	pCi/L	U	U	09-2626	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.642	4.00E-01	3.80E+00	—	pCi/L	U	U	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.902	6.47E-01	6.05E+00	—	pCi/L	U	U	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.126	5.83E-01	6.33E+00	—	pCi/L	U	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.12	3.67E-01	4.30E+00	—	pCi/L	U	U	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.31	4.63E-01	5.15E+00	—	pCi/L	U	U	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.75	6.10E-01	4.01E+00	—	pCi/L	U	U	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.09	4.67E-01	4.40E+00	—	pCi/L	U	U	09-2626	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.286	4.67E-01	4.50E+00	—	pCi/L	U	U	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.608	5.77E-01	5.97E+00	—	pCi/L	U	U	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.8	6.30E-01	8.22E+00	—	pCi/L	U	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.327	1.90E-01	2.50E+00	—	pCi/L	U	U	09-2626	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	10.4	4.33E-01	2.04E+00	—	pCi/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	12.9	3.50E-01	2.51E+00	—	pCi/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	03/28/01	WG	F	CS	—	Rad	EPA:900	Gross beta	—	8.63	3.73E-01	2.66E+00	—	pCi/L	—	J	40017	GF01031GC54	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.99	4.67E-01	3.00E+00	—	pCi/L	—	—	09-2626	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	9.91	4.47E-01	2.52E+00	—	pCi/L	—	—	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.7	2.06E-01	1.79E+00	—	pCi/L	—	J	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	14.9	4.33E+00	1.50E+01	—	pCi/L	—	U	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	106	2.59E+01	2.83E+02	—	pCi/L	U	U	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	131	2.45E+01	3.59E+02	—	pCi/L	U	U	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	93.1	7.67E+00	5.60E+01	—	pCi/L	—	—	09-2626	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	17.4	5.33E+00	3.10E+01	—	pCi/L	U	U	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	68.5	2.14E+01	2.09E+02	—	pCi/L	U	U	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	150	4.97E+01	4.30E+02	—	pCi/L	U	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.51	2.67E+00	2.70E+01	—	pCi/L	U	U	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12.2	4.87E+00	4.77E+01	—	pCi/L	U	U	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	10	3.53E+00	2.55E+01	—	pCi/L	U	U	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.9	3.67E+00	3.70E+01	—	pCi/L	U	U	09-2626	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-23.7	3.67E+00	3.20E+01	—	pCi/L	U	U	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.729	4.93E+00	4.12E+01	—	pCi/L	U	U	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.88	4.37E+00	4.31E+01	—	pCi/L	U	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0249	4.33E-03	3.20E-02	—	pCi/L	U	U	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00193	2.65E-03	2.70E-02	—	pCi/L	U	U	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0195	2.99E-03	4.50E-02	—	pCi/L	U	U	135808	GF05050GC5401	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-4.61E-10	1.30E-03	3.10E-02	—	pCi/L	U	U	09-2626	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00372	1.23E-03	5.20E-02	—	pCi/L	U	U	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00182	2.19E-03	2.55E-02	—	pCi/L	U	U	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-238	<	-0.00197	3.02E-03	3.10E-02	—	pCi/L	U	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00904	2.13E-03	3.90E-02	—	pCi/L	U	U	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00193	1.93E-03	2.99E-02	—	pCi/L	U	U	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00434	1.77E-03	3.80E-02	—	pCi/L	U	U	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0155	2.07E-03	3.80E-02	—	pCi/L	U	U	09-2626	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00744	2.47E-03	6.30E-02	—	pCi/L	U	U	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00364	1.92E-03	2.83E-02	—	pCi/L	U	U	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-239/240	<	0.00197	1.97E-03	3.20E-02	—	pCi/L	U	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	6.58	5.00E+00	5.50E+01	—	pCi/L	U	U	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	33.2	9.60E+00	5.29E+01	—	pCi/L	U	U	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	21.8	5.43E+00	3.43E+01	—	pCi/L	U	U	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-57.7	6.33E+00	5.60E+01	—	pCi/L	U	U	09-2626	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-9.22	6.00E+00	5.90E+01	—	pCi/L	U	U	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-24.6	5.77E+00	5.60E+01	—	pCi/L	U	U	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	22.7	9.90E+00	6.57E+01	—	pCi/L	U	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	—	0.708	8.17E-02	6.65E-01	—	pCi/L	—	J-	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.295	3.67E-02	2.70E-01	—	pCi/L	—	U	09-2626	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.297	4.67E-02	4.40E-01	—	pCi/L	U	U	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	2.92	1.57E-01	4.40E-01	—	pCi/L	—	—	08-467	CALA-08-9745	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	3.56	1.71E+00	1.20E+01	—	pCi/L	U	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.402	3.02E-02	1.95E-01	—	pCi/L	—	J	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	11/06/01	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	3.13	1.47E+00	9.20E+00	—	pCi/L	U	U	165S	CALA-01-0493	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.5	1.23E-01	7.60E-01	—	pCi/L	—	—	09-2626	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.661	5.67E-02	3.50E-01	—	pCi/L	—	—	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	01/09/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.334	7.00E-02	6.90E-01	—	pCi/L	U	U	08-467	CALA-08-9745	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	5	2.18E+00	2.46E+01	—	pCi/L	U	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	11/06/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	2.39	1.77E+00	1.40E+01	—	pCi/L	U	U	165S	CALA-01-0494	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.115	3.67E-01	3.50E+00	—	pCi/L	U	U	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	3.87	7.40E-01	8.33E+00	—	pCi/L	U	U	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.154	3.50E-01	3.70E+00	—	pCi/L	U	U	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.25	4.67E-01	5.00E+00	—	pCi/L	U	U	09-2626	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0173	4.00E-01	4.00E+00	—	pCi/L	U	U	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.604	4.90E-01	4.70E+00	—	pCi/L	U	U	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.434	5.33E-01	6.38E+00	—	pCi/L	U	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	1.74	8.00E-02	3.90E-01	—	pCi/L	—	—	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	2.32	9.70E-02	3.34E-01	—	pCi/L	—	—	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	2.04	3.43E-02	1.68E-01	—	pCi/L	—	—	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.44	8.00E-02	4.80E-01	—	pCi/L	—	—	09-2626	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	3.67	1.27E-01	3.90E-01	—	pCi/L	—	—	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.42	5.77E-02	3.67E-01	—	pCi/L	—	—	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	GFPC	Strontium-90	—	2.14	9.53E-02	1.34E-01	—	pCi/L	—	—	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0416	3.67E-03	6.50E-02	—	pCi/L	U	U	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0614	4.43E-03	3.44E-02	—	pCi/L	—	J	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0596	4.07E-03	7.30E-02	—	pCi/L	U	U	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0331	3.67E-03	1.10E-01	—	pCi/L	U	U	09-2626	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0468	3.33E-03	6.20E-02	—	pCi/L	U	U	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0553	4.30E-03	3.37E-02	—	pCi/L	—	J	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-234	<	0.0459	3.97E-03	7.40E-02	—	pCi/L	U	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00936	1.93E-03	3.50E-02	—	pCi/L	U	U	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0182	2.50E-03	2.90E-02	—	pCi/L	U	U	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.012	2.40E-03	4.40E-02	—	pCi/L	U	U	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	1.23E-03	5.60E-02	—	pCi/L	U	U	09-2626	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00222	1.30E-03	3.30E-02	—	pCi/L	U	U	08-1813	CALA-08-13841	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00297	2.22E-03	2.84E-02	—	pCi/L	U	U	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-235/236	<	0.0242	2.84E-03	4.50E-02	—	pCi/L	U	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0303	3.00E-03	3.40E-02	—	pCi/L	U	U	08-1813	CALA-08-13843	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0344	3.33E-03	4.62E-02	—	pCi/L	U	U	190027	GF070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0286	2.78E-03	5.10E-02	—	pCi/L	U	U	135808	GF05050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.036	3.67E-03	5.70E-02	—	pCi/L	U	U	09-2626	CALA-09-11124	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0306	2.53E-03	3.20E-02	—	pCi/L	U	U	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0241	3.43E-03	4.53E-02	—	pCi/L	U	U	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-238	<	0.0266	2.96E-03	5.20E-02	—	pCi/L	U	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Rad	EPA:901.1	Uranium-238	<	211	3.43E+01	3.57E+02	—	pCi/L	U	U	114323	GU04050GC5401	GELC
LAO-4.5c	4431	13.3	07/14/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Acetone	—	5.15	—	—	3.50E+00	ug/L	J	J	09-2624	CALA-09-11123	GELC
LAO-4.5c	4431	13.3	08/29/08	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.30E+00	ug/L	U	UJ	08-1813	CALA-08-13841	GELC
LAO-4.5c	4431	13.3	07/19/07	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.25E+00	ug/L	U	—	190027	GU070700GC5401	GELC
LAO-4.5c	4431	13.3	05/02/05	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	—	ug/L	U	—	135808	GU05050GC5401	GELC
LAO-4.5c	4431	13.3	06/04/04	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	—	ug/L	U	—	114323	GU04050GC5401	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.7	—	—	7.30E-01	mg/L	—	—	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.7	—	—	7.30E-01	mg/L	—	—	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.6	—	—	7.30E-01	mg/L	—	—	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	46.1	—	—	7.30E-01	mg/L	—	—	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.7	—	—	7.25E-01	mg/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.026	—	—	1.60E-02	mg/L	J	J-	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.029	—	—	1.60E-02	mg/L	J	J-	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	14.8	—	—	5.00E-02	mg/L	—	—	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.4	—	—	5.00E-02	mg/L	—	—	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.4	—	—	3.00E-02	mg/L	—	—	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.2	—	—	3.00E-02	mg/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.3	—	—	3.60E-02	mg/L	—	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	14	—	—	5.00E-02	mg/L	—	—	09-2625	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.5	—	—	5.00E-02	mg/L	—	—	09-2625	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16	—	—	3.00E-02	mg/L	—	—	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.5	—	—	3.00E-02	mg/L	—	—	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.3	—	—	3.60E-02	mg/L	—	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	10.7	—	—	6.60E-02	mg/L	—	—	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	10.8	—	—	6.60E-02	mg/L	—	—	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	10.8	—	—	6.60E-02	mg/L	—	—	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	13	—	—	6.60E-02	mg/L	—	—	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	11.3	—	—	6.60E-02	mg/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.0853	—	—	3.30E-02	mg/L	J	J	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.095	—	—	3.30E-02	mg/L	J	J	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.105	—	—	3.30E-02	mg/L	—	—	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.107	—	—	3.30E-02	mg/L	—	—	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.125	—	—	3.30E-02	mg/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	55.2	—	—	3.50E-01	mg/L	—	—	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.7	—	—	3.50E-01	mg/L	—	—	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	57.6	—	—	4.25E-01	mg/L	—	—	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.5	—	—	4.25E-01	mg/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	63.5	—	—	8.50E-02	mg/L	—	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	52.1	—	—	3.50E-01	mg/L	—	—	09-2625	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	53.2	—	—	3.50E-01	mg/L	—	—	09-2625	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	59.3	—	—	3.50E-01	mg/L	—	—	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	53.3	—	—	4.25E-01	mg/L	—	—	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	63.8	—	—	8.50E-02	mg/L	—	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	4.41	—	—	8.50E-02	mg/L	—	—	09-2625	CALA-09-11105	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.08	—	—	8.50E-02	mg/L	—	—	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.63	—	—	8.50E-02	mg/L	—	—	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.13	—	—	8.50E-02	mg/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.96	—	—	8.50E-02	mg/L	—	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	4.16	—	—	8.50E-02	mg/L	—	—	09-2625	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.14	—	—	8.50E-02	mg/L	—	—	09-2625	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.68	—	—	8.50E-02	mg/L	—	—	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.18	—	—	8.50E-02	mg/L	—	—	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.98	—	—	8.50E-02	mg/L	—	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.187	—	—	5.00E-02	mg/L	J	J	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.181	—	—	5.00E-02	mg/L	J	U	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.144	—	—	1.00E-02	mg/L	—	—	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.018	—	—	1.00E-02	mg/L	J	JN-	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.0591	—	—	5.00E-02	ug/L	J	J	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0634	—	—	5.00E-02	ug/L	J	J	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.2	—	—	5.00E-02	ug/L	U	U	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.188	—	—	5.00E-02	ug/L	J	J	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0923	—	—	5.00E-02	ug/L	J	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.4	—	—	5.00E-02	mg/L	—	—	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.22	—	—	5.00E-02	mg/L	—	—	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.67	—	—	5.00E-02	mg/L	—	—	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.23	—	—	5.00E-02	mg/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.82	—	—	5.00E-02	mg/L	—	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.2	—	—	5.00E-02	mg/L	—	—	09-2625	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.3	—	—	5.00E-02	mg/L	—	—	09-2625	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.79	—	—	5.00E-02	mg/L	—	—	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.31	—	—	5.00E-02	mg/L	—	—	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.82	—	—	5.00E-02	mg/L	—	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	35.2	—	—	3.20E-02	mg/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	9.22	—	—	2.00E-01	mg/L	N	—	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.81	—	—	2.00E-01	mg/L	N	—	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.15	—	—	4.50E-02	mg/L	—	—	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.46	—	—	4.50E-02	mg/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	4.50E-02	mg/L	—	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	8.69	—	—	2.00E-01	mg/L	N	—	09-2625	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.17	—	—	2.00E-01	mg/L	N	—	09-2625	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.45	—	—	4.50E-02	mg/L	—	—	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.43	—	—	4.50E-02	mg/L	—	—	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	4.50E-02	mg/L	—	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	158	—	—	1.00E+00	uS/cm	—	—	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	160	—	—	1.00E+00	uS/cm	—	—	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	257	—	—	1.00E+00	uS/cm	—	—	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	171	—	—	1.00E+00	uS/cm	—	—	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	164	—	—	1.00E+00	uS/cm	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	4.9	—	—	1.00E-01	mg/L	—	—	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.9	—	—	1.00E-01	mg/L	—	—	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.59	—	—	1.00E-01	mg/L	—	—	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.16	—	—	1.00E-01	mg/L	—	—	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.11	—	—	1.00E-01	mg/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	123	—	—	2.40E+00	mg/L	—	J	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	125	—	—	2.40E+00	mg/L	—	J	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	131	—	—	2.40E+00	mg/L	—	—	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.40E+00	mg/L	—	—	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.38E+00	mg/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	2.59	—	—	3.30E-01	mg/L	—	—	09-2624	CALA-09-11104	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.57	—	—	3.30E-01	mg/L	—	—	09-2624	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.46	—	—	3.30E-01	mg/L	—	—	08-1772	CALA-08-13815	GELC
LAO-B	5221	11.84	01/14/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.12	—	—	3.30E-01	mg/L	—	—	08-487	CALA-08-9749	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.56	—	—	3.30E-01	mg/L	—	—	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	04/09/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.98	—	—	3.30E-01	mg/L	—	—	183872	GU070400GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	6.8	—	—	1.00E-02	SU	H	J-	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.79	—	—	1.00E-02	SU	H	J-	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.96	—	—	1.00E-02	SU	H	J-	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.31	—	—	1.00E-02	SU	H	J-	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.66	—	—	1.00E-02	SU	H	J	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Metals	SW-846:6010B	Aluminum	—	76.5	—	—	6.80E+01	ug/L	J	J	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	75.9	—	—	6.80E+01	ug/L	J	J	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	109	—	—	6.80E+01	ug/L	J	J	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	95.6	—	—	6.80E+01	ug/L	J	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	95	—	—	6.80E+01	ug/L	J	J	09-2625	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	84.9	—	—	6.80E+01	ug/L	J	J	09-2625	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	85.4	—	—	6.80E+01	ug/L	J	J	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	131	—	—	6.80E+01	ug/L	J	—	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	35.1	—	—	1.00E+00	ug/L	—	—	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	34.9	—	—	1.00E+00	ug/L	—	—	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	36.8	—	—	1.00E+00	ug/L	—	—	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	34.2	—	—	1.00E+00	ug/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	38.6	—	—	1.00E+00	ug/L	—	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	33.9	—	—	1.00E+00	ug/L	—	—	09-2625	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34.4	—	—	1.00E+00	ug/L	—	—	09-2625	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.3	—	—	1.00E+00	ug/L	—	—	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	35.3	—	—	1.00E+00	ug/L	—	—	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	38.7	—	—	1.00E+00	ug/L	—	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	15.5	—	—	1.50E+01	ug/L	J	J	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	20.7	—	—	1.50E+01	ug/L	J	J	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	27	—	—	1.00E+01	ug/L	J	U	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	14.9	—	—	1.00E+01	ug/L	J	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	14.6	—	—	1.00E+01	ug/L	J	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	15.9	—	—	1.50E+01	ug/L	J	J	09-2625	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.2	—	—	1.50E+01	ug/L	J	J	09-2625	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	33.5	—	—	1.00E+01	ug/L	J	U	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.9	—	—	1.00E+01	ug/L	J	—	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	13.6	—	—	1.00E+01	ug/L	J	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	0.349	—	—	1.00E-01	ug/L	J	J	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.361	—	—	1.00E-01	ug/L	J	J	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.49	—	—	1.00E-01	ug/L	J	J	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	0.37	—	—	1.00E-01	ug/L	J	J	09-2625	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.357	—	—	1.00E-01	ug/L	J	J	09-2625	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.51	—	—	1.00E-01	ug/L	—	—	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.681	—	—	5.00E-01	ug/L	J	J	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.643	—	—	5.00E-01	ug/L	J	J	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.69	—	—	5.00E-01	ug/L	J	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.75	—	—	5.00E-01	ug/L	J	U	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	0.624	—	—	5.00E-01	ug/L	J	J	09-2625	CALA-09-11104	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.654	—	—	5.00E-01	ug/L	J	J	09-2625	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.64	—	—	5.00E-01	ug/L	J	—	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.69	—	—	5.00E-01	ug/L	J	U	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	37.9	—	—	5.30E-02	mg/L	—	—	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	37.2	—	—	5.30E-02	mg/L	—	—	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.3	—	—	3.20E-02	mg/L	N	J-	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	01/14/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.7	—	—	3.20E-02	mg/L	—	—	08-487	CALA-08-9750	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	99.9	—	—	1.00E+00	ug/L	—	—	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	91.7	—	—	1.00E+00	ug/L	—	—	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	87.9	—	—	1.00E+00	ug/L	—	—	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	92.7	—	—	1.00E+00	ug/L	—	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	111	—	—	1.00E+00	ug/L	—	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	90.9	—	—	1.00E+00	ug/L	—	—	09-2625	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	95.9	—	—	1.00E+00	ug/L	—	—	09-2625	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	91.2	—	—	1.00E+00	ug/L	—	—	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	94.5	—	—	1.00E+00	ug/L	—	—	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	111	—	—	1.00E+00	ug/L	—	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	1.24	—	—	1.00E+00	ug/L	J	J	09-2625	CALA-09-11105	GELC
LAO-B	5221	11.84	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.45	—	—	1.00E+00	ug/L	J	J	09-2625	CALA-09-11101	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	3.1	—	—	1.00E+00	ug/L	J	U	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.4	—	—	1.00E+00	ug/L	J	—	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1.00E+00	ug/L	U	—	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	1.42	—	—	1.00E+00	ug/L	J	J	09-2625	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.16	—	—	1.00E+00	ug/L	J	J	09-2625	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.2	—	—	1.00E+00	ug/L	J	U	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.2	—	—	1.00E+00	ug/L	J	—	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1.00E+00	ug/L	U	—	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0131	1.50E-03	3.20E-02	—	pCi/L	U	U	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00508	1.63E-03	4.05E-02	—	pCi/L	U	U	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0106	2.68E-03	2.54E-02	—	pCi/L	U	U	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	-0.00961	1.50E-03	3.90E-02	—	pCi/L	U	U	09-2626	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00401	2.83E-03	3.90E-02	—	pCi/L	U	U	09-2626	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00259	6.67E-04	2.80E-02	—	pCi/L	U	U	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00507	2.56E-03	4.07E-02	—	pCi/L	U	U	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.026	3.67E-03	2.69E-02	—	pCi/L	U	U	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.165	3.33E-01	3.30E+00	—	pCi/L	U	U	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.13	3.83E-01	3.59E+00	—	pCi/L	U	U	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.688	3.47E-01	3.98E+00	—	pCi/L	U	U	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	-3.72	6.67E-01	5.90E+00	—	pCi/L	U	U	09-2626	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0842	5.33E-01	5.10E+00	—	pCi/L	U	U	09-2626	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.45	4.00E-01	4.50E+00	—	pCi/L	U	U	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.84	4.87E-01	4.27E+00	—	pCi/L	U	U	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.176	4.30E-01	4.75E+00	—	pCi/L	U	U	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.313	3.33E-01	3.40E+00	—	pCi/L	U	U	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.31	3.63E-01	3.28E+00	—	pCi/L	U	U	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0631	4.23E-01	4.72E+00	—	pCi/L	U	U	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	-0.748	6.00E-01	5.70E+00	—	pCi/L	U	U	09-2626	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.36	5.33E-01	5.70E+00	—	pCi/L	U	U	09-2626	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.807	4.67E-01	5.00E+00	—	pCi/L	U	U	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.1	5.37E-01	5.83E+00	—	pCi/L	U	U	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.978	4.40E-01	5.32E+00	—	pCi/L	U	U	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Rad	EPA:900	Gross alpha/beta	<	-0.599	1.67E-01	3.00E+00	—	pCi/L	U	U	09-2626	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.17	1.53E-01	2.10E+00	—	pCi/L	U	U	09-2626	CALA-09-11103	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	7.39	5.37E-01	3.86E+00	—	pCi/L	—	J	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.71	2.58E-01	2.26E+00	—	pCi/L	—	J	168638	GF060700GBAL01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-B	5221	11.84	05/10/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.27	2.34E-01	2.33E+00	—	pCi/L	—	J	136421	GF05050GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Rad	EPA:900	Gross beta	—	3.36	1.80E-01	1.40E+00	—	pCi/L	—	—	09-2626	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.04	1.37E-01	8.60E-01	—	pCi/L	—	—	09-2626	CALA-09-11103	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.53	3.33E-01	2.95E+00	—	pCi/L	—	J	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.78	2.62E-01	2.38E+00	—	pCi/L	—	J	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	21.8	3.67E+00	2.70E+01	—	pCi/L	U	U	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	66.4	2.13E+01	2.25E+02	—	pCi/L	U	U	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	65.6	6.77E+01	2.07E+02	—	pCi/L	U	U	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	—	295	2.93E+01	1.90E+02	—	pCi/L	—	—	09-2626	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	257	5.67E+01	1.50E+02	—	pCi/L	—	U	09-2626	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	13	8.00E+00	3.40E+01	—	pCi/L	U	U	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	88.5	2.38E+01	3.03E+02	—	pCi/L	U	U	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	96	3.13E+01	3.53E+02	—	pCi/L	U	U	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.13	2.70E+00	2.80E+01	—	pCi/L	U	U	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.355	2.71E+00	2.46E+01	—	pCi/L	U	U	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.07	3.27E+00	2.99E+01	—	pCi/L	U	U	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	53.7	4.00E+00	3.00E+01	—	pCi/L	UI	R	09-2626	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	36	5.33E+00	3.50E+01	—	pCi/L	UI	R	09-2626	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16.1	4.00E+00	3.30E+01	—	pCi/L	U	U	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.3	3.93E+00	4.03E+01	—	pCi/L	U	U	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.07	3.37E+00	3.20E+01	—	pCi/L	U	U	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00466	1.03E-03	2.20E-02	—	pCi/L	U	U	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.73E-04	2.83E-02	—	pCi/L	U	U	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00318	2.81E-03	3.06E-02	—	pCi/L	U	U	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.0182	3.33E-03	3.20E-02	—	pCi/L	U	U	09-2626	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0097	3.23E-03	3.90E-02	—	pCi/L	U	U	09-2626	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00486	1.80E-03	2.30E-02	—	pCi/L	U	U	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	2.50E-03	2.81E-02	—	pCi/L	U	U	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00876	1.69E-03	2.81E-02	—	pCi/L	U	U	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00621	1.47E-03	2.70E-02	—	pCi/L	U	U	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0081	1.51E-03	3.14E-02	—	pCi/L	U	U	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	1.52E-09	3.37E-03	3.56E-02	—	pCi/L	U	U	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0.00405	1.37E-03	4.00E-02	—	pCi/L	U	U	09-2626	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00243	2.13E-03	4.80E-02	—	pCi/L	U	U	09-2626	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00324	1.33E-03	2.80E-02	—	pCi/L	U	U	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00602	1.50E-03	3.11E-02	—	pCi/L	U	U	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00584	2.75E-03	3.27E-02	—	pCi/L	U	U	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	8.9	5.33E+00	5.60E+01	—	pCi/L	U	U	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	10.9	4.07E+00	3.64E+01	—	pCi/L	U	U	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	33.6	7.80E+00	4.28E+01	—	pCi/L	U	U, J	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	12.2	6.33E+00	6.90E+01	—	pCi/L	U	U	09-2626	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-9.38	6.33E+00	6.00E+01	—	pCi/L	U	U	09-2626	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	43	8.67E+00	3.90E+01	—	pCi/L	UI	R	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	20.8	5.43E+00	5.85E+01	—	pCi/L	U	U	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	62.5	5.93E+00	7.76E+01	—	pCi/L	U	J, U	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	05/10/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	—	1.78	8.17E-02	4.23E-01	—	pCi/L	—	—	136421	GF05050GBAL01	GELC
LAO-B	5221	11.84	05/30/02	WG	F	CS	—	Rad	EPA:901.1	Radium-226	<	4.66	6.67E-01	2.80E+00	—	pCi/L	—	U	849S	CALA-02-45029	GEL
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.231	3.13E-02	2.70E-01	—	pCi/L	U	U	09-2626	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	-0.0537	3.10E-02	4.10E-01	—	pCi/L	U	U	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	01/14/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.2	9.33E-02	5.90E-01	—	pCi/L	—	—	08-487	CALA-08-9749	GELC
LAO-B	5221	11.84	05/30/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	8.97	7.33E-01	2.90E+00	—	pCi/L	—	—	849S	CALA-02-45030	GEL
LAO-B	5221	11.84	05/30/02	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	0	6.00E-01	6.70E+00	—	pCi/L	U	R	849S	CALA-02-45029	GEL
LAO-B	5221	11.84	11/07/01	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	4.460000038	8.33E-01	9.10E+00	—	pCi/L	U	U	174S	CALA-01-0471	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.938	8.67E-02	6.10E-01	—	pCi/L	—	—	09-2626	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.115	4.00E-02	4.10E-01	—	pCi/L	U	U	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	01/14/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.547	6.67E-02	5.50E-01	—	pCi/L	U	U	08-487	CALA-08-9749	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAO-B	5221	11.84	05/30/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	4.2	6.00E-01	6.40E+00	—	pCi/L	U	U	849S	CALA-02-45030	GEL
LAO-B	5221	11.84	11/07/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	6.909999847	1.37E+00	1.00E+01	—	pCi/L	U	U	174S	CALA-01-0472	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.138	3.33E-01	3.40E+00	—	pCi/L	U	U	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.412	3.60E-01	3.57E+00	—	pCi/L	U	U	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.539	4.07E-01	4.43E+00	—	pCi/L	U	U	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	-1.88	6.33E-01	5.70E+00	—	pCi/L	U	U	09-2626	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0116	5.00E-01	5.00E+00	—	pCi/L	U	U	09-2626	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.12	4.00E-01	4.30E+00	—	pCi/L	U	U	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.26	5.97E-01	3.79E+00	—	pCi/L	U	U	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.611	4.63E-01	5.45E+00	—	pCi/L	U	U	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0433	3.33E-02	3.60E-01	—	pCi/L	U	U	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0662	3.10E-02	3.73E-01	—	pCi/L	U	U	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0842	4.50E-02	4.57E-01	—	pCi/L	U	U	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.0653	3.67E-02	3.60E-01	—	pCi/L	U	U	09-2626	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.105	4.33E-02	4.60E-01	—	pCi/L	U	U	09-2626	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.302	4.00E-02	4.70E-01	—	pCi/L	U	U	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.12	3.14E-02	3.19E-01	—	pCi/L	U	U	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.104	3.73E-02	3.91E-01	—	pCi/L	U	U	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0283	3.07E-03	7.00E-02	—	pCi/L	U	U	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0392	3.53E-03	2.61E-02	—	pCi/L	—	J	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0345	7.83E-03	1.26E-01	—	pCi/L	U	U	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	<	-0.0118	3.67E-03	1.10E-01	—	pCi/L	U	U	09-2626	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0243	4.67E-03	1.40E-01	—	pCi/L	U	U	09-2626	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0444	4.00E-03	6.60E-02	—	pCi/L	U	U	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0407	3.63E-03	3.16E-02	—	pCi/L	—	J	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0464	4.67E-03	5.67E-02	—	pCi/L	U	U	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	2.03E-03	3.70E-02	—	pCi/L	U	U	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00922	1.89E-03	2.20E-02	—	pCi/L	U	U	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00417	3.87E-03	1.07E-01	—	pCi/L	U	U	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	-0.0071	2.07E-03	5.40E-02	—	pCi/L	U	U	09-2626	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00914	2.17E-03	6.90E-02	—	pCi/L	U	U	09-2626	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00239	1.77E-03	3.50E-02	—	pCi/L	U	U	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00559	1.87E-03	2.67E-02	—	pCi/L	U	U	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00731	2.17E-03	4.80E-02	—	pCi/L	U	U	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	08/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0202	3.03E-03	3.60E-02	—	pCi/L	U	U	08-1773	CALA-08-13816	GELC
LAO-B	5221	11.84	07/16/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0056	3.11E-03	3.51E-02	—	pCi/L	U	U	189777	GF070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0682	8.30E-03	1.34E-01	—	pCi/L	U	U	168638	GF060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	<	0.0144	2.57E-03	5.40E-02	—	pCi/L	U	U	09-2626	CALA-09-11104	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0111	3.27E-03	7.00E-02	—	pCi/L	U	U	09-2626	CALA-09-11103	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.00773	2.73E-03	3.50E-02	—	pCi/L	U	U	08-1773	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0475	3.87E-03	4.26E-02	—	pCi/L	—	J	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0322	3.47E-03	6.03E-02	—	pCi/L	U	U	168638	GU060700GBAL01	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FB	Voa	SW-846:8260B	Acetone	—	10.3	—	—	3.50E+00	ug/L	—	—	09-2624	CALA-09-11106	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.30E+00	ug/L	U	U	08-1772	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	—	1.65	—	—	1.25E+00	ug/L	J	J+	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.25E+00	ug/L	U	—	168638	GU060700GBAL02	GELC
LAO-B	5221	11.84	07/14/09	WG	UF	CS	FB	Voa	SW-846:8260B	Chloromethane	—	0.426	—	—	3.00E-01	ug/L	J	J	09-2624	CALA-09-11106	GELC
LAO-B	5221	11.84	08/26/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1772	CALA-08-13815	GELC
LAO-B	5221	11.84	07/16/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	189777	GU070700GBAL01	GELC
LAO-B	5221	11.84	08/03/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	168638	GU060700GBAL02	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	46.8	—	—	7.30E-01	mg/L	—	—	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	01/13/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	43.1	—	—	7.30E-01	mg/L	—	—	09-630	CALA-09-1724	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	45.1	—	—	7.30E-01	mg/L	—	—	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	38.5	—	—	7.25E-01	mg/L	—	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	74	—	—	7.25E-01	mg/L	—	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.029	—	—	1.60E-02	mg/L	J	J-	09-2568	CALA-09-11127	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI(a)-1.1	5391	295.2	01/13/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	09-630	CALA-09-1724	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	6.46	—	—	5.00E-02	mg/L	—	—	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.19	—	—	3.00E-02	mg/L	—	—	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	6.21	—	—	3.00E-02	mg/L	—	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	4.26	—	—	3.60E-02	mg/L	—	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	5.64	—	—	3.60E-02	mg/L	—	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.65	—	—	5.00E-02	mg/L	—	—	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.86	—	—	3.00E-02	mg/L	—	—	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.26	—	—	3.00E-02	mg/L	—	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	4.57	—	—	3.60E-02	mg/L	—	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	6.07	—	—	3.60E-02	mg/L	—	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.25	—	—	6.60E-02	mg/L	—	—	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	01/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.23	—	—	6.60E-02	mg/L	—	J+	09-630	CALA-09-1724	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.24	—	—	6.60E-02	mg/L	—	—	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.2	—	—	6.60E-02	mg/L	—	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.38	—	—	6.60E-02	mg/L	—	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.258	—	—	3.30E-02	mg/L	—	—	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	01/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	<	0.141	—	—	3.30E-02	mg/L	—	U	09-630	CALA-09-1724	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.146	—	—	3.30E-02	mg/L	—	—	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.179	—	—	3.30E-02	mg/L	—	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.183	—	—	3.30E-02	mg/L	—	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	22.3	—	—	3.50E-01	mg/L	—	—	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	27.6	—	—	3.50E-01	mg/L	—	—	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	22.6	—	—	4.25E-01	mg/L	—	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	14.2	—	—	4.40E-01	mg/L	—	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	20.9	—	—	8.50E-02	mg/L	—	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	26.6	—	—	3.50E-01	mg/L	—	—	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	30.6	—	—	3.50E-01	mg/L	—	—	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	27.2	—	—	4.25E-01	mg/L	—	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	15.5	—	—	4.40E-01	mg/L	—	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	22.9	—	—	8.50E-02	mg/L	—	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.5	—	—	8.50E-02	mg/L	—	—	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.74	—	—	8.50E-02	mg/L	—	—	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.72	—	—	8.50E-02	mg/L	—	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.862	—	—	8.50E-02	mg/L	—	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.66	—	—	8.50E-02	mg/L	—	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.81	—	—	8.50E-02	mg/L	—	—	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.05	—	—	8.50E-02	mg/L	—	—	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.21	—	—	8.50E-02	mg/L	—	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	0.995	—	—	8.50E-02	mg/L	—	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.87	—	—	8.50E-02	mg/L	—	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.109	—	—	1.00E-02	mg/L	—	—	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	01/13/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.367	—	—	5.00E-02	mg/L	—	—	09-630	CALA-09-1724	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.122	—	—	1.00E-02	mg/L	—	—	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.424	—	—	1.00E-02	mg/L	—	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.714	—	—	1.00E-02	mg/L	—	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.204	—	—	5.00E-02	ug/L	—	—	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	01/13/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.197	—	—	5.00E-02	ug/L	J	J	09-630	CALA-09-1724	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.195	—	—	5.00E-02	ug/L	J	J+	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.171	—	—	5.00E-02	ug/L	J	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.167	—	—	5.00E-02	ug/L	J	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	185012	GF070400G11L01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.74	—	—	5.00E-02	mg/L	—	—	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.24	—	—	5.00E-02	mg/L	—	J	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.55	—	—	5.00E-02	mg/L	E	J	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	21.9	—	—	5.00E-02	mg/L	—	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.73	—	—	5.00E-02	mg/L	—	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.91	—	—	5.00E-02	mg/L	—	—	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.39	—	—	5.00E-02	mg/L	—	—	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.93	—	—	5.00E-02	mg/L	E	J	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	22.7	—	—	5.00E-02	mg/L	—	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.83	—	—	5.00E-02	mg/L	—	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	68.9	—	—	3.20E-02	mg/L	—	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	66.6	—	—	3.20E-02	mg/L	—	J	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.14	—	—	1.00E-01	mg/L	—	—	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.03	—	—	4.50E-02	mg/L	—	—	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.31	—	—	4.50E-02	mg/L	—	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.1	—	—	4.50E-02	mg/L	E	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.27	—	—	4.50E-02	mg/L	—	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.7	—	—	1.00E-01	mg/L	—	—	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.12	—	—	4.50E-02	mg/L	—	—	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.77	—	—	4.50E-02	mg/L	—	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.3	—	—	4.50E-02	mg/L	E	J	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.31	—	—	4.50E-02	mg/L	—	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	105	—	—	1.00E+00	uS/cm	—	—	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	01/13/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	98.4	—	—	1.00E+00	uS/cm	—	—	09-630	CALA-09-1724	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	104	—	—	1.00E+00	uS/cm	—	—	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	101	—	—	1.00E+00	uS/cm	—	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	181	—	—	1.00E+00	uS/cm	—	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.34	—	—	1.00E-01	mg/L	—	—	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	01/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.2	—	—	1.00E-01	mg/L	—	—	09-630	CALA-09-1724	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.12	—	—	1.00E-01	mg/L	—	J-	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.04	—	—	1.00E-01	mg/L	—	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.14	—	—	1.00E-01	mg/L	—	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	121	—	—	2.40E+00	mg/L	—	—	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	01/13/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	120	—	—	2.40E+00	mg/L	—	J	09-630	CALA-09-1724	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.40E+00	mg/L	—	—	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	111	—	—	2.38E+00	mg/L	—	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	125	—	—	2.38E+00	mg/L	—	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.036	—	—	3.30E-02	mg/L	J	J-	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	01/13/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.062	—	—	2.90E-02	mg/L	J	U	09-630	CALA-09-1725	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.039	—	—	2.90E-02	mg/L	J	U	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.44	—	—	1.00E-02	SU	H	J-	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	01/13/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.1	—	—	1.00E-02	SU	H	J-	09-630	CALA-09-1724	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.18	—	—	1.00E-02	SU	H	J-	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.34	—	—	1.00E-02	SU	H	J	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.98	—	—	1.00E-02	SU	H	J	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	85.6	—	—	6.80E+01	ug/L	J	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1800	—	—	6.80E+01	ug/L	N	J+	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	766	—	—	6.80E+01	ug/L	—	—	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2050	—	—	6.80E+01	ug/L	—	—	190642	GU070700G11L01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	492	—	—	6.80E+01	ug/L	—	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1170	—	—	6.80E+01	ug/L	—	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.23	—	—	1.50E+00	ug/L	J	J	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.99	—	—	1.50E+00	ug/L	J	J	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	2.5	—	—	1.50E+00	ug/L	J	U	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.2	—	—	1.00E+00	ug/L	—	—	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	13.9	—	—	1.00E+00	ug/L	—	—	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.2	—	—	1.00E+00	ug/L	—	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	12.2	—	—	1.00E+00	ug/L	—	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.1	—	—	1.00E+00	ug/L	—	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.6	—	—	1.00E+00	ug/L	—	—	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.4	—	—	1.00E+00	ug/L	—	—	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.4	—	—	1.00E+00	ug/L	—	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	15.9	—	—	1.00E+00	ug/L	—	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	12.6	—	—	1.00E+00	ug/L	—	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1.00E+00	ug/L	U	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	<	1	—	—	1.00E+00	ug/L	U	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	<	1	—	—	1.00E+00	ug/L	U	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	<	1	—	—	1.00E+00	ug/L	U	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	—	1.34	—	—	1.00E+00	ug/L	J	J	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1.00E+00	ug/L	U	U	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	<	1	—	—	1.00E+00	ug/L	U	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	<	1	—	—	1.00E+00	ug/L	U	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	<	1	—	—	1.00E+00	ug/L	U	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.2	—	—	1.50E+01	ug/L	J	J	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	10.9	—	—	1.00E+01	ug/L	J	U	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	11.8	—	—	1.00E+01	ug/L	J	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	10.8	—	—	1.00E+01	ug/L	J	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.7	—	—	1.50E+01	ug/L	J	J	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	12.4	—	—	1.00E+01	ug/L	J	U	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	10	—	—	1.00E+01	ug/L	U	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	10.7	—	—	1.00E+01	ug/L	J	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	UJ	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	ug/L	U	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	80.6	—	—	1.80E+01	ug/L	J	U	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	754	—	—	3.00E+01	ug/L	—	—	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	293	—	—	2.50E+01	ug/L	—	—	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	743	—	—	2.50E+01	ug/L	—	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	189	—	—	1.80E+01	ug/L	—	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	467	—	—	1.80E+01	ug/L	—	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	2.73	—	—	5.00E-01	ug/L	—	—	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.5	—	—	5.00E-01	ug/L	J	J	08-1834	CALA-08-13865	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	2	—	—	5.00E-01	ug/L	J	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.2	—	—	5.00E-01	ug/L	J	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.8	—	—	5.00E-01	ug/L	J	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.6	—	—	2.00E+00	ug/L	J	J	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.4	—	—	2.00E+00	ug/L	J	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.07	—	—	2.00E+00	ug/L	J	J	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10.4	—	—	2.00E+00	ug/L	—	—	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7	—	—	2.00E+00	ug/L	J	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.2	—	—	2.00E+00	ug/L	J	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.1	—	—	2.00E+00	ug/L	J	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.88	—	—	1.00E-01	ug/L	—	—	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.7	—	—	1.00E-01	ug/L	—	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.8	—	—	2.00E+00	ug/L	J	U	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	4.3	—	—	2.00E+00	ug/L	J	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.94	—	—	1.00E-01	ug/L	—	—	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.5	—	—	1.00E-01	ug/L	—	U	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.5	—	—	2.00E+00	ug/L	J	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.8	—	—	2.00E+00	ug/L	J	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.97	—	—	5.00E-01	ug/L	J	J	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.57	—	—	5.00E-01	ug/L	J	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.55	—	—	5.00E-01	ug/L	J	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.675	—	—	5.00E-01	ug/L	J	J	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.9	—	—	5.00E-01	ug/L	J	J	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.52	—	—	5.00E-01	ug/L	J	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.63	—	—	5.00E-01	ug/L	J	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.59	—	—	5.00E-01	ug/L	J	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.7	—	—	5.30E-02	mg/L	—	—	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	01/13/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.1	—	—	3.20E-02	mg/L	—	—	09-630	CALA-09-1724	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.5	—	—	3.20E-02	mg/L	—	—	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	70.6	—	—	1.00E+00	ug/L	—	—	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	61.5	—	—	1.00E+00	ug/L	—	—	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53	—	—	1.00E+00	ug/L	—	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	89.1	—	—	1.00E+00	ug/L	—	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	33.7	—	—	1.00E+00	ug/L	—	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	85.6	—	—	1.00E+00	ug/L	—	—	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	67.2	—	—	1.00E+00	ug/L	—	—	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	64.7	—	—	1.00E+00	ug/L	—	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1.00E+00	ug/L	—	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	37.4	—	—	1.00E+00	ug/L	—	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.73	—	—	4.00E-01	ug/L	J	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.306	—	—	3.00E-01	ug/L	J	J	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.36	—	—	5.00E-02	ug/L	—	—	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.27	—	—	5.00E-02	ug/L	—	—	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.18	—	—	5.00E-02	ug/L	J	—	190642	GF070700G11L01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.47	—	—	5.00E-02	ug/L	—	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.25	—	—	5.00E-02	ug/L	—	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.21	—	—	5.00E-02	ug/L	—	—	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.61	—	—	5.00E-02	ug/L	—	—	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.76	—	—	5.00E-02	ug/L	—	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.67	—	—	5.00E-02	ug/L	—	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.81	—	—	5.00E-02	ug/L	—	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.68	—	—	1.00E+00	ug/L	J	J	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1.00E+00	ug/L	U	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.7	—	—	1.00E+00	ug/L	J	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.5	—	—	1.00E+00	ug/L	J	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.82	—	—	1.00E+00	ug/L	J	J	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1.00E+00	ug/L	U	U	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1.00E+00	ug/L	U	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1.3	—	—	1.00E+00	ug/L	J	U	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.1	—	—	1.00E+00	ug/L	J	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.7	—	—	3.30E+00	ug/L	J	J	09-2568	CALA-09-11127	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	6.4	—	—	2.00E+00	ug/L	J	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	11.3	—	—	2.00E+00	ug/L	—	—	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	185012	GF070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	7.9	—	—	2.00E+00	ug/L	J	U	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	20.3	—	—	3.30E+00	ug/L	—	—	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.8	—	—	2.00E+00	ug/L	—	J	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.4	—	—	2.00E+00	ug/L	—	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.4	—	—	2.00E+00	ug/L	J	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	13.8	—	—	2.00E+00	ug/L	—	U	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00392	1.10E-03	3.20E-02	—	pCi/L	U	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0012	7.83E-04	3.88E-02	—	pCi/L	U	U	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00106	6.13E-03	3.19E-02	—	pCi/L	U	U	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00916	2.77E-03	3.60E-02	—	pCi/L	U	U	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000606	1.17E-03	3.10E-02	—	pCi/L	U	U	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0049	7.50E-04	4.39E-02	—	pCi/L	U	U	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	—	0.107	6.93E-03	3.15E-02	—	pCi/L	—	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	05/07/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0217	4.23E-03	3.40E-02	—	pCi/L	U	U	136186	GU05050G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	4.92	9.67E-01	4.70E+00	—	pCi/L	UI	R	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.702	5.27E-01	4.92E+00	—	pCi/L	U	U	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.824	4.33E-01	4.79E+00	—	pCi/L	U	U	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.877	5.33E-01	5.10E+00	—	pCi/L	U	U	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.499	4.67E-01	4.40E+00	—	pCi/L	U	U	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.773	3.40E-01	3.19E+00	—	pCi/L	U	U	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.912	4.53E-01	4.26E+00	—	pCi/L	U	U	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	05/07/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.288	2.67E-01	2.83E+00	—	pCi/L	U	U	136186	GU05050G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.277	4.67E-01	4.60E+00	—	pCi/L	U	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.52	5.63E-01	5.84E+00	—	pCi/L	U	U	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.46	3.90E-01	4.48E+00	—	pCi/L	U	U	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.16	5.33E-01	5.60E+00	—	pCi/L	U	U	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.953	4.67E-01	4.80E+00	—	pCi/L	U	U	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.39	3.73E-01	4.30E+00	—	pCi/L	U	U	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.74	4.37E-01	3.33E+00	—	pCi/L	U	U	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	05/07/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.66	2.15E-01	3.64E+00	—	pCi/L	U	U	136186	GU05050G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	7.33	5.00E-01	2.10E+00	—	pCi/L	—	—	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.7	3.21E-01	2.49E+00	—	pCi/L	—	J	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.05	1.69E-01	1.33E+00	—	pCi/L	—	—	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	13.6	6.00E-01	2.40E+00	—	pCi/L	—	—	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.4	3.73E-01	2.35E+00	—	pCi/L	—	—	190642	GU070700G11L01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.86	1.49E-01	1.06E+00	—	pCi/L	—	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	05/07/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	9.67	2.85E-01	2.38E+00	—	pCi/L	—	J	136186	GU05050G11L01	GELC
LAOI(a)-1.1	5391	295.2	06/03/04	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	23.9	3.24E-01	1.50E+00	—	pCi/L	—	J	114323	GU04050G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	20.4	5.67E+00	4.80E+01	—	pCi/L	U	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	83	4.10E+01	3.31E+02	—	pCi/L	U	U	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	90	2.43E+01	2.93E+02	—	pCi/L	U	U	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	197	3.27E+01	1.20E+02	—	pCi/L	—	U	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	9.28	3.67E+00	3.50E+01	—	pCi/L	U	U	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	66.6	2.06E+01	2.47E+02	—	pCi/L	U	U	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	60.1	1.37E+01	2.32E+02	—	pCi/L	U	U	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	05/07/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	124	4.30E+01	3.55E+02	—	pCi/L	U	U	136186	GU05050G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.38	3.30E+00	3.20E+01	—	pCi/L	U	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.06	2.40E+00	2.09E+01	—	pCi/L	U	U	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.35	1.90E+00	1.86E+01	—	pCi/L	U	U	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	47.9	5.33E+00	3.90E+01	—	pCi/L	UI	R	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.96	3.67E+00	3.30E+01	—	pCi/L	U	U	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.86	2.58E+00	2.60E+01	—	pCi/L	U	U	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	17.6	2.68E+00	2.51E+01	—	pCi/L	U	U	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	05/07/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.76	2.15E+00	2.15E+01	—	pCi/L	U	U	136186	GU05050G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0062	1.47E-03	4.70E-02	—	pCi/L	U	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00237	2.37E-03	4.55E-02	—	pCi/L	U	U	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.30E-03	3.76E-02	—	pCi/L	U	U	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00681	4.00E-03	3.60E-02	—	pCi/L	U	U	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0063	1.83E-03	4.80E-02	—	pCi/L	U	U	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00423	2.00E-03	4.06E-02	—	pCi/L	U	U	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00347	2.01E-03	3.34E-02	—	pCi/L	U	U	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	05/07/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0206	2.77E-03	4.80E-02	—	pCi/L	U	U	136186	GU05050G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0155	2.33E-03	5.30E-02	—	pCi/L	U	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.93E-03	4.17E-02	—	pCi/L	U	U	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00391	2.26E-03	4.38E-02	—	pCi/L	U	U	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00454	2.40E-03	4.40E-02	—	pCi/L	U	U	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00944	2.77E-03	5.40E-02	—	pCi/L	U	U	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	2.23E-03	3.73E-02	—	pCi/L	U	U	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0174	2.60E-03	3.89E-02	—	pCi/L	U	U	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	05/07/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00688	1.71E-03	4.00E-02	—	pCi/L	U	U	136186	GU05050G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	8.98	4.67E+00	4.90E+01	—	pCi/L	U	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.56	6.40E+00	5.68E+01	—	pCi/L	U	U	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	60.1	5.13E+00	6.87E+01	—	pCi/L	U	J, U	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	23.1	6.67E+00	7.10E+01	—	pCi/L	U	U	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	4.43	5.33E+00	5.40E+01	—	pCi/L	U	U	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	1.03	6.33E+00	2.80E+01	—	pCi/L	U	U	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.8	5.30E+00	4.96E+01	—	pCi/L	U	J, U	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	05/07/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	32.6	3.19E+00	3.93E+01	—	pCi/L	U	U	136186	GU05050G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.575	6.67E-02	5.20E-01	—	pCi/L	—	U	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.876	7.33E-02	5.10E-01	—	pCi/L	—	—	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	05/07/05	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.0489	2.82E-02	3.21E-01	—	pCi/L	U	U	136186	GU05050G11L01	GELC
LAOI(a)-1.1	5391	295.2	06/03/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	8.31	1.61E+00	1.15E+01	—	pCi/L	U	U	114323	GU04050G11L01	GELC
LAOI(a)-1.1	5391	295.2	06/03/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.143	2.80E-02	2.68E-01	—	pCi/L	U	U	114323	GU04050G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.965	8.00E-02	4.70E-01	—	pCi/L	—	—	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.796	7.33E-02	5.50E-01	—	pCi/L	—	—	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	06/03/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	5.27	2.99E+00	2.47E+01	—	pCi/L	U	U	114323	GU04050G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.48	4.00E-01	3.50E+00	—	pCi/L	U	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.33	4.67E-01	4.89E+00	—	pCi/L	U	U	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0383	3.28E-01	3.81E+00	—	pCi/L	U	U	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.05	5.33E-01	4.90E+00	—	pCi/L	U	U	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.319	4.00E-01	4.20E+00	—	pCi/L	U	U	08-1834	CALA-08-13865	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.836	3.63E-01	3.36E+00	—	pCi/L	U	U	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.369	4.00E-01	3.70E+00	—	pCi/L	U	U	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	05/07/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.806	2.60E-01	3.03E+00	—	pCi/L	U	U	136186	GU05050G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0719	1.20E-02	1.20E-01	—	pCi/L	U	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.103	2.87E-02	2.98E-01	—	pCi/L	U	U	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.321	4.87E-02	5.12E-01	—	pCi/L	U	U	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0107	4.67E-02	5.00E-01	—	pCi/L	U	U	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0376	1.93E-02	2.00E-01	—	pCi/L	U	U	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.376	2.41E-02	3.79E-01	—	pCi/L	U	U	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0258	4.00E-02	4.10E-01	—	pCi/L	U	U	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	05/07/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0945	2.26E-02	2.86E-01	—	pCi/L	U	U	136186	GU05050G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.123	6.33E-03	7.40E-02	—	pCi/L	—	—	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0766	4.87E-03	2.82E-02	—	pCi/L	—	J	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0932	6.53E-03	6.11E-02	—	pCi/L	—	J	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.4	1.47E-02	1.10E-01	—	pCi/L	—	—	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.208	8.33E-03	7.60E-02	—	pCi/L	—	—	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.195	8.07E-03	2.97E-02	—	pCi/L	—	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.236	1.19E-02	7.72E-02	—	pCi/L	—	—	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	05/07/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.191	8.47E-03	7.60E-02	—	pCi/L	—	J	136186	GU05050G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-1.27E-09	2.20E-03	4.00E-02	—	pCi/L	U	U	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00499	1.18E-03	2.38E-02	—	pCi/L	U	U	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00764	1.81E-03	5.17E-02	—	pCi/L	U	U	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0245	3.13E-03	5.30E-02	—	pCi/L	U	U	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0137	2.77E-03	4.10E-02	—	pCi/L	U	U	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00262	1.96E-03	2.50E-02	—	pCi/L	U	U	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0204	3.83E-03	6.54E-02	—	pCi/L	U	U	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	05/07/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0174	3.43E-03	4.60E-02	—	pCi/L	U	U	136186	GU05050G11L01	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0562	4.33E-03	3.90E-02	—	pCi/L	—	—	08-1834	CALA-08-13866	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0807	4.80E-03	3.80E-02	—	pCi/L	—	J	190642	GF070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0523	4.97E-03	6.49E-02	—	pCi/L	U	U	168774	GF060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.451	1.63E-02	5.40E-02	—	pCi/L	—	—	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.208	8.67E-03	4.00E-02	—	pCi/L	—	—	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.236	8.97E-03	4.00E-02	—	pCi/L	—	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.195	1.05E-02	8.21E-02	—	pCi/L	—	J	168774	GU060700G11L01	GELC
LAOI(a)-1.1	5391	295.2	05/07/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.176	7.63E-03	5.40E-02	—	pCi/L	—	—	136186	GU05050G11L01	GELC
LAOI(a)-1.1	5391	295.2	07/07/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.39	—	—	3.00E-01	ug/L	J	J	09-2568	CALA-09-11125	GELC
LAOI(a)-1.1	5391	295.2	09/03/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1834	CALA-08-13865	GELC
LAOI(a)-1.1	5391	295.2	07/31/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	190642	GU070700G11L01	GELC
LAOI(a)-1.1	5391	295.2	04/25/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	185012	GU070400G11L01	GELC
LAOI(a)-1.1	5391	295.2	08/04/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	168774	GU060700G11L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	82.2	—	—	7.30E-01	mg/L	—	—	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	01/12/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.3	—	—	7.30E-01	mg/L	—	—	09-611	CALA-09-1733	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.3	—	—	7.30E-01	mg/L	—	—	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.5	—	—	7.30E-01	mg/L	—	—	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.9	—	—	7.25E-01	mg/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.034	—	—	1.60E-02	mg/L	J	J	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	01/12/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	09-611	CALA-09-1733	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.3	—	—	5.00E-02	mg/L	—	—	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.3	—	—	3.00E-02	mg/L	—	—	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.1	—	—	3.00E-02	mg/L	—	—	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	3.00E-02	mg/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.4	—	—	3.60E-02	mg/L	—	—	184713	GF070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.6	—	—	5.00E-02	mg/L	—	—	09-2582	CALA-09-11149	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	3.00E-02	mg/L	—	—	08-1810	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.3	—	—	3.00E-02	mg/L	—	—	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.6	—	—	3.00E-02	mg/L	—	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.5	—	—	3.60E-02	mg/L	—	—	184713	GU070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	14.9	—	—	6.60E-02	mg/L	—	—	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	01/12/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	18.2	—	—	6.60E-02	mg/L	—	J+	09-611	CALA-09-1733	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.4	—	—	1.30E-01	mg/L	—	—	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20.4	—	—	1.30E-01	mg/L	—	—	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19	—	—	1.32E-01	mg/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	10/12/06	WG	F	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.0015	—	—	1.50E-03	mg/L	U	UJ	174113	GF061000G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	—	0.00306	—	—	1.70E-03	mg/L	J	J	09-2582	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.005	—	—	1.50E-03	mg/L	U	U	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.0015	—	—	1.50E-03	mg/L	U	UJ	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.0015	—	—	1.50E-03	mg/L	U	—	184713	GU070400G32L01	GELC
LAOI-3.2	6001	153.3	10/12/06	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.0015	—	—	1.50E-03	mg/L	U	UJ	174113	GU061000G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.247	—	—	3.30E-02	mg/L	—	—	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	01/12/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.133	—	—	3.30E-02	mg/L	—	—	09-611	CALA-09-1733	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.154	—	—	3.30E-02	mg/L	—	—	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.133	—	—	3.30E-02	mg/L	—	—	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.143	—	—	3.30E-02	mg/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72	—	—	3.50E-01	mg/L	—	—	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76	—	—	3.50E-01	mg/L	—	—	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	82	—	—	4.30E-01	mg/L	—	—	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	77.3	—	—	4.25E-01	mg/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	77.7	—	—	4.40E-01	mg/L	—	—	184713	GF070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	69.1	—	—	3.50E-01	mg/L	—	—	09-2582	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	76.2	—	—	3.50E-01	mg/L	—	—	08-1810	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.7	—	—	4.30E-01	mg/L	—	—	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	78.7	—	—	4.25E-01	mg/L	—	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	74.9	—	—	4.40E-01	mg/L	—	—	184713	GU070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.19	—	—	8.50E-02	mg/L	—	J	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.51	—	—	8.50E-02	mg/L	—	—	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.92	—	—	8.50E-02	mg/L	—	—	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.31	—	—	8.50E-02	mg/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.28	—	—	8.50E-02	mg/L	—	—	184713	GF070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.91	—	—	8.50E-02	mg/L	—	J	09-2582	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.52	—	—	8.50E-02	mg/L	—	—	08-1810	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.96	—	—	8.50E-02	mg/L	—	—	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.41	—	—	8.50E-02	mg/L	—	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.11	—	—	8.50E-02	mg/L	—	—	184713	GU070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.18	—	—	5.00E-02	mg/L	—	—	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	01/12/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.39	—	—	1.00E-01	mg/L	—	—	09-611	CALA-09-1733	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	3.03	—	—	5.00E-02	mg/L	—	—	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.48	—	—	1.00E-01	mg/L	—	—	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	3.88	—	—	1.00E-01	mg/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	4.45	—	—	2.50E-01	ug/L	—	—	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	01/12/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	4.62	—	—	5.00E-01	ug/L	—	—	09-611	CALA-09-1733	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	6	—	—	5.00E-01	ug/L	—	—	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	6.81	—	—	5.00E-01	ug/L	—	—	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	—	9	—	—	4.00E+00	ug/L	J	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	7.3	—	—	5.00E-01	ug/L	—	J	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.29	—	—	5.00E-02	mg/L	—	—	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.75	—	—	5.00E-02	mg/L	—	—	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.22	—	—	5.00E-02	mg/L	—	—	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.67	—	—	5.00E-02	mg/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.08	—	—	5.00E-02	mg/L	—	—	184713	GF070400G32L01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.03	—	—	5.00E-02	mg/L	—	—	09-2582	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.8	—	—	5.00E-02	mg/L	—	—	08-1810	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.24	—	—	5.00E-02	mg/L	—	—	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.83	—	—	5.00E-02	mg/L	—	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.78	—	—	5.00E-02	mg/L	—	—	184713	GU070400G32L01	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	71.8	—	—	3.20E-02	mg/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.8	—	—	1.00E-01	mg/L	—	—	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.9	—	—	4.50E-02	mg/L	—	—	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.3	—	—	4.50E-02	mg/L	—	—	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.6	—	—	4.50E-02	mg/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.7	—	—	4.50E-02	mg/L	—	—	184713	GF070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.8	—	—	1.00E-01	mg/L	—	—	09-2582	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.8	—	—	4.50E-02	mg/L	—	—	08-1810	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.3	—	—	4.50E-02	mg/L	—	—	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.4	—	—	4.50E-02	mg/L	—	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	4.50E-02	mg/L	—	—	184713	GU070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	230	—	—	1.00E+00	uS/cm	—	—	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	01/12/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	246	—	—	1.00E+00	uS/cm	—	—	09-611	CALA-09-1733	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	250	—	—	1.00E+00	uS/cm	—	—	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	276	—	—	1.00E+00	uS/cm	—	—	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	283	—	—	1.00E+00	uS/cm	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.99	—	—	1.00E-01	mg/L	—	—	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	01/12/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.62	—	—	1.00E-01	mg/L	—	—	09-611	CALA-09-1733	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.18	—	—	1.00E-01	mg/L	—	J-	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.85	—	—	1.00E-01	mg/L	—	—	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.49	—	—	1.00E-01	mg/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	186	—	—	2.40E+00	mg/L	—	—	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	01/12/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	194	—	—	2.40E+00	mg/L	—	—	09-611	CALA-09-1733	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	212	—	—	2.40E+00	mg/L	—	—	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	217	—	—	2.40E+00	mg/L	—	—	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	223	—	—	2.38E+00	mg/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.29	—	—	2.90E-02	mg/L	—	R	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	RE	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	UH	UJ	193118	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.04	—	—	3.30E-02	mg/L	J	J	09-2581	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	01/12/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.093	—	—	2.90E-02	mg/L	J	U	09-611	CALA-09-1732	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	UJ	08-1810	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.075	—	—	2.90E-02	mg/L	J	J	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	R	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	RE	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.145	—	—	1.45E-01	mg/L	UH	UJ	193118	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.336	—	—	3.30E-01	mg/L	J	J	09-2581	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	01/12/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.582	—	—	3.30E-01	mg/L	J	J	09-611	CALA-09-1732	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	08-1810	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.28	—	—	3.30E-01	mg/L	—	—	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.798	—	—	3.30E-01	mg/L	J	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.02	—	—	1.00E-02	SU	H	J-	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	01/12/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.2	—	—	1.00E-02	SU	H	J-	09-611	CALA-09-1733	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.97	—	—	1.00E-02	SU	H	J-	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.27	—	—	1.00E-02	SU	H	J-	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.76	—	—	1.00E-02	SU	H	J	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.49	—	—	1.50E+00	ug/L	J	J	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.9	—	—	1.50E+00	ug/L	J	U	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	2	—	—	1.50E+00	ug/L	J	U	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.6	—	—	1.50E+00	ug/L	J	—	184713	GF070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	4.35	—	—	1.50E+00	ug/L	J	J	09-2582	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1810	CALA-08-13888	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	J	U	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.1	—	—	1.50E+00	ug/L	J	—	184713	GU070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	49.3	—	—	1.00E+00	ug/L	—	—	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	44	—	—	1.00E+00	ug/L	—	—	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	47.4	—	—	1.00E+00	ug/L	—	—	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	49.1	—	—	1.00E+00	ug/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	47.1	—	—	1.00E+00	ug/L	—	—	184713	GF070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	49.6	—	—	1.00E+00	ug/L	—	—	09-2582	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	43.5	—	—	1.00E+00	ug/L	—	—	08-1810	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	47.8	—	—	1.00E+00	ug/L	—	—	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	51.1	—	—	1.00E+00	ug/L	—	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	48.5	—	—	1.00E+00	ug/L	—	—	184713	GU070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.1	—	—	1.50E+01	ug/L	J	J	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	10.9	—	—	1.00E+01	ug/L	J	J	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	16.2	—	—	1.00E+01	ug/L	J	U	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	11.3	—	—	1.00E+01	ug/L	J	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	10	—	—	1.00E+01	ug/L	U	—	184713	GF070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.6	—	—	1.50E+01	ug/L	J	J	09-2582	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	08-1810	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	16.3	—	—	1.00E+01	ug/L	J	U	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	11.4	—	—	1.00E+01	ug/L	J	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	10.6	—	—	1.00E+01	ug/L	J	—	184713	GU070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.4	—	—	2.00E+00	ug/L	—	—	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.3	—	—	2.00E+00	ug/L	J	J	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	12.4	—	—	2.00E+00	ug/L	—	—	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11.2	—	—	2.00E+00	ug/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	15.8	—	—	2.00E+00	ug/L	—	—	184713	GF070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9.72	—	—	2.00E+00	ug/L	J	J	09-2582	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.2	—	—	2.00E+00	ug/L	J	J	08-1810	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	15	—	—	2.00E+00	ug/L	—	—	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	17.4	—	—	2.00E+00	ug/L	—	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	26.8	—	—	2.00E+00	ug/L	—	—	184713	GU070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.777	—	—	1.00E-01	ug/L	—	—	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.78	—	—	1.00E-01	ug/L	—	—	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	184713	GF070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.744	—	—	1.00E-01	ug/L	—	—	09-2582	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.68	—	—	1.00E-01	ug/L	—	—	08-1810	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.9	—	—	2.00E+00	ug/L	J	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	184713	GU070400G32L01	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.54	—	—	5.00E-01	ug/L	J	J	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.78	—	—	5.00E-01	ug/L	J	J	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.78	—	—	5.00E-01	ug/L	J	—	184713	GF070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.554	—	—	5.00E-01	ug/L	J	J	09-2582	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.56	—	—	5.00E-01	ug/L	J	J	08-1810	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	J	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.86	—	—	5.00E-01	ug/L	J	—	184713	GU070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	75.8	—	—	5.30E-02	mg/L	—	—	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	01/12/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.9	—	—	3.20E-02	mg/L	—	—	09-611	CALA-09-1733	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.2	—	—	3.20E-02	mg/L	—	—	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.6	—	—	3.20E-02	mg/L	—	—	08-512	CALA-08-9883	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	115	—	—	1.00E+00	ug/L	—	—	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	113	—	—	1.00E+00	ug/L	—	—	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	127	—	—	1.00E+00	ug/L	—	—	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	133	—	—	1.00E+00	ug/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	135	—	—	1.00E+00	ug/L	—	—	184713	GF070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	108	—	—	1.00E+00	ug/L	—	—	09-2582	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	113	—	—	1.00E+00	ug/L	—	—	08-1810	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	128	—	—	1.00E+00	ug/L	—	—	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	135	—	—	1.00E+00	ug/L	—	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	131	—	—	1.00E+00	ug/L	—	—	184713	GU070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.42	—	—	5.00E-02	ug/L	—	—	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	ug/L	—	—	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	5.00E-02	ug/L	—	—	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	ug/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	184713	GF070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.44	—	—	5.00E-02	ug/L	—	—	09-2582	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	ug/L	—	—	08-1810	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	5.00E-02	ug/L	—	—	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	ug/L	—	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	—	184713	GU070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.07	—	—	3.30E+00	ug/L	J	J	09-2582	CALA-09-11147	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.6	—	—	2.00E+00	ug/L	J	J	08-1810	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	6.4	—	—	2.00E+00	ug/L	J*	U	08-512	CALA-08-9883	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.5	—	—	2.00E+00	ug/L	J	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	184713	GF070400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.19	—	—	3.30E+00	ug/L	J	J	09-2582	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.3	—	—	2.00E+00	ug/L	J	J	08-1810	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10.6	—	—	2.00E+00	ug/L	*	U	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.6	—	—	2.00E+00	ug/L	J	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.8	—	—	2.00E+00	ug/L	J	—	184713	GU070400G32L01	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00114	1.43E-03	2.60E-02	—	pCi/L	U	U	08-1809	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0152	2.07E-03	4.86E-02	—	pCi/L	U	U	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00237	8.70E-04	2.85E-02	—	pCi/L	U	U	167998	GF060700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0175	2.43E-03	3.50E-02	—	pCi/L	U	U	09-2583	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00603	1.50E-03	3.60E-02	—	pCi/L	U	U	08-1809	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00514	9.50E-04	3.93E-02	—	pCi/L	U	U	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00378	9.73E-04	2.53E-02	—	pCi/L	U	U	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000104	1.77E-03	2.89E-02	—	pCi/L	U	U	161220	GU060400G32L01	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.718	4.67E-01	4.80E+00	—	pCi/L	U	U	08-1809	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.71	3.97E-01	4.44E+00	—	pCi/L	U	U	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.84	3.67E-01	4.28E+00	—	pCi/L	U	U	167998	GF060700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.627	5.67E-01	5.50E+00	—	pCi/L	U	U	09-2583	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.78	7.00E-01	3.50E+00	—	pCi/L	U	U	08-1809	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.681	4.70E-01	4.18E+00	—	pCi/L	U	U	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.14	3.47E-01	3.58E+00	—	pCi/L	U	U	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.14	4.53E-01	4.82E+00	—	pCi/L	U	U	161220	GU060400G32L01	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.73	4.33E-01	4.80E+00	—	pCi/L	U	U	08-1809	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.17	4.20E-01	4.70E+00	—	pCi/L	U	U	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.56	3.60E-01	4.20E+00	—	pCi/L	U	U	167998	GF060700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.371	5.67E-01	5.40E+00	—	pCi/L	U	U	09-2583	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.17	3.67E-01	3.30E+00	—	pCi/L	U	U	08-1809	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.88	4.30E-01	3.55E+00	—	pCi/L	U	U	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.71	3.63E-01	3.45E+00	—	pCi/L	U	U	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.36	6.00E-01	7.67E+00	—	pCi/L	U	U	161220	GU060400G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	3.82	3.17E-01	2.30E+00	—	pCi/L	—	—	09-2583	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	7.11	4.47E-01	3.24E+00	—	pCi/L	—	J	190355	GF070700G32L01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-3.2	6001	153.3	07/25/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.72	2.21E-01	1.91E+00	—	pCi/L	—	J	167998	GF060700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	8.32	4.00E-01	2.70E+00	—	pCi/L	—	—	09-2583	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.38	4.43E-01	3.08E+00	—	pCi/L	—	J	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.91	2.70E-01	2.13E+00	—	pCi/L	—	J	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.29	3.40E-01	3.32E+00	—	pCi/L	—	J	161220	GU06040G32L01	GELC
LAOI-3.2	6001	153.3	11/15/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.97	3.73E-01	3.90E+00	—	pCi/L	—	J	150400	GU05110G32L01	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	10.3	4.33E+00	2.70E+01	—	pCi/L	U	U	08-1809	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	76.1	2.91E+01	3.34E+02	—	pCi/L	U	U	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	68	2.57E+01	2.37E+02	—	pCi/L	U	U	167998	GF060700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	112	1.37E+01	8.70E+01	—	pCi/L	—	U	09-2583	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	14.3	3.27E+00	1.80E+01	—	pCi/L	U	U	08-1809	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	55.9	1.70E+01	1.47E+02	—	pCi/L	U	U	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	81.8	2.26E+01	3.26E+02	—	pCi/L	U	U	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	127	2.75E+01	3.38E+02	—	pCi/L	U	U	161220	GU06040G32L01	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.8	4.00E+00	3.50E+01	—	pCi/L	U	U	08-1809	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.9	3.57E+00	2.86E+01	—	pCi/L	U	U	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.11	2.77E+00	2.70E+01	—	pCi/L	U	U	167998	GF060700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.13	4.00E+00	4.00E+01	—	pCi/L	U	U	09-2583	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.88	3.07E+00	3.00E+01	—	pCi/L	U	U	08-1809	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.9	4.40E+00	3.17E+01	—	pCi/L	U	U	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16.8	3.43E+00	3.01E+01	—	pCi/L	U	U	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-9.73	4.10E+00	3.91E+01	—	pCi/L	U	U	161220	GU06040G32L01	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00307	1.43E-03	4.60E-02	—	pCi/L	U	U	08-1809	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00787	2.94E-03	3.78E-02	—	pCi/L	U	U	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.63E-04	1.91E-02	—	pCi/L	U	U	167998	GF060700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.10E-03	3.70E-02	—	pCi/L	U	U	09-2583	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00816	1.67E-03	3.10E-02	—	pCi/L	U	U	08-1809	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0102	2.42E-03	4.91E-02	—	pCi/L	U	U	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.08E-03	2.19E-02	—	pCi/L	U	U	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-4.33E-10	1.21E-03	2.18E-02	—	pCi/L	U	U	161220	GU06040G32L01	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.43E-03	5.30E-02	—	pCi/L	U	U	08-1809	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	9.27E-04	3.47E-02	—	pCi/L	U	U	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00597	1.15E-03	2.23E-02	—	pCi/L	U	U	167998	GF060700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0116	2.30E-03	4.50E-02	—	pCi/L	U	U	09-2583	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00204	6.67E-04	3.50E-02	—	pCi/L	U	U	08-1809	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00512	1.48E-03	4.51E-02	—	pCi/L	U	U	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00685	1.32E-03	2.56E-02	—	pCi/L	U	U	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00544	1.35E-03	2.39E-02	—	pCi/L	U	U	161220	GU06040G32L01	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	1.01	5.67E+00	5.70E+01	—	pCi/L	U	U	08-1809	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	44.5	5.83E+00	3.99E+01	—	pCi/L	UI	R	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	1.46	6.53E+00	3.70E+01	—	pCi/L	U	U	167998	GF060700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-5.55	6.33E+00	6.50E+01	—	pCi/L	U	U	09-2583	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-9.7	5.33E+00	5.00E+01	—	pCi/L	U	U	08-1809	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	6.8	6.70E+00	4.62E+01	—	pCi/L	U	U	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.93	6.33E+00	4.27E+01	—	pCi/L	U	U	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	24	7.23E+00	6.20E+01	—	pCi/L	U	U	161220	GU06040G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.253	4.00E-02	2.80E-01	—	pCi/L	U	U	09-2583	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.353	5.67E-02	4.80E-01	—	pCi/L	U	U	08-1809	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.918	7.67E-02	4.00E-01	—	pCi/L	—	—	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.777	1.03E-01	9.10E-01	—	pCi/L	U	U	09-2583	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.582	8.00E-02	7.20E-01	—	pCi/L	U	U	08-1809	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.732	6.33E-02	4.50E-01	—	pCi/L	—	—	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.59	4.33E-01	3.90E+00	—	pCi/L	U	U	08-1809	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.887	5.47E-01	4.34E+00	—	pCi/L	U	U	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.74	2.99E-01	2.74E+00	—	pCi/L	U	U	167998	GF060700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.943	4.33E-01	3.80E+00	—	pCi/L	U	U	09-2583	CALA-09-11149	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.21	3.67E-01	3.10E+00	—	pCi/L	U	U	08-1809	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.5	5.30E-01	4.49E+00	—	pCi/L	U	U	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.101	3.67E-01	4.08E+00	—	pCi/L	U	U	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.263	5.10E-01	5.95E+00	—	pCi/L	U	U	161220	GU06040G32L01	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.171	4.33E-02	4.90E-01	—	pCi/L	U	U	08-1809	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0984	2.79E-02	2.90E-01	—	pCi/L	U	U	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.127	2.53E-02	2.97E-01	—	pCi/L	U	U	167998	GF060700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.362	4.33E-02	4.10E-01	—	pCi/L	U	U	09-2583	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.269	5.00E-02	4.80E-01	—	pCi/L	U	U	08-1809	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.149	3.53E-02	4.28E-01	—	pCi/L	U	U	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0148	2.50E-02	3.16E-01	—	pCi/L	U	U	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0471	1.75E-02	1.84E-01	—	pCi/L	U	U	161220	GU06040G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	1830	6.33E+01	1.60E+02	—	pCi/L	—	—	09-2583	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	01/12/09	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	2580	9.00E+01	1.50E+02	—	pCi/L	—	—	09-611	CALA-09-1732	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	3100.889	6.07E+01	1.90E+02	—	pCi/L	—	—	08-1841	CALA-08-13888	ARSL
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	3710	1.27E+02	1.60E+02	—	pCi/L	—	—	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	3990	1.35E+02	1.83E+02	—	pCi/L	—	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.462	1.87E-02	1.40E-01	—	pCi/L	—	J+	08-1809	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.622	1.77E-02	3.27E-02	—	pCi/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.1	2.93E-02	6.20E-02	—	pCi/L	—	—	167998	GF060700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.518	1.77E-02	1.10E-01	—	pCi/L	—	—	09-2583	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.605	1.63E-02	6.50E-02	—	pCi/L	—	—	08-1809	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.632	1.88E-02	3.69E-02	—	pCi/L	—	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.929	2.74E-02	7.02E-02	—	pCi/L	—	—	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.48	3.47E-02	6.72E-02	—	pCi/L	—	—	161220	GU06040G32L01	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0102	4.67E-03	7.60E-02	—	pCi/L	U	U	08-1809	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0347	4.13E-03	2.76E-02	—	pCi/L	—	J	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0478	5.70E-03	5.23E-02	—	pCi/L	U	U	167998	GF060700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0339	4.33E-03	5.10E-02	—	pCi/L	U	U	09-2583	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0211	2.63E-03	3.50E-02	—	pCi/L	U	U	08-1809	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0163	3.93E-03	3.11E-02	—	pCi/L	U	U	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0416	6.27E-03	5.93E-02	—	pCi/L	U	U	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0625	4.77E-03	3.26E-02	—	pCi/L	—	J	161220	GU06040G32L01	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.458	1.80E-02	7.40E-02	—	pCi/L	—	J+	08-1809	CALA-08-13887	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.495	1.50E-02	4.40E-02	—	pCi/L	—	—	190355	GF070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.773	2.24E-02	6.59E-02	—	pCi/L	—	—	167998	GF060700G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.483	1.67E-02	5.20E-02	—	pCi/L	—	—	09-2583	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.44	1.27E-02	3.40E-02	—	pCi/L	—	—	08-1809	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.5	1.61E-02	4.96E-02	—	pCi/L	—	—	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	07/25/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.801	2.40E-02	7.47E-02	—	pCi/L	—	—	167998	GU060700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.13	2.78E-02	3.77E-02	—	pCi/L	—	—	161220	GU06040G32L01	GELC
LAOI-3.2	6001	153.3	07/08/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.47	—	—	3.00E-01	ug/L	J	J	09-2581	CALA-09-11149	GELC
LAOI-3.2	6001	153.3	08/28/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1809	CALA-08-13888	GELC
LAOI-3.2	6001	153.3	01/15/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-512	CALA-08-9882	GELC
LAOI-3.2	6001	153.3	07/26/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	UJ	190355	GU070700G32L01	GELC
LAOI-3.2	6001	153.3	04/19/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	UJ	184713	GU070400G32L01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77	—	—	7.30E-01	mg/L	—	—	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	01/12/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	75.1	—	—	7.30E-01	mg/L	—	—	09-611	CALA-09-1736	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	74.1	—	—	7.30E-01	mg/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	72.2	—	—	7.30E-01	mg/L	—	—	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.9	—	—	7.25E-01	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.318	—	—	6.60E-02	mg/L	—	—	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	01/12/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.306	—	—	6.70E-02	mg/L	—	—	09-611	CALA-09-1736	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.24	—	—	6.70E-02	mg/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.234	—	—	6.60E-02	mg/L	—	—	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.226	—	—	6.60E-02	mg/L	—	—	190642	GF07070GI32A01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.5	—	—	5.00E-02	mg/L	—	—	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.1	—	—	3.00E-02	mg/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.4	—	—	3.00E-02	mg/L	—	—	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	3.00E-02	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22	—	—	3.60E-02	mg/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.8	—	—	5.00E-02	mg/L	—	—	09-2582	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.3	—	—	3.00E-02	mg/L	—	—	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.6	—	—	3.00E-02	mg/L	—	—	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	3.00E-02	mg/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	3.60E-02	mg/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20.4	—	—	1.30E-01	mg/L	—	—	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	01/12/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.8	—	—	1.30E-01	mg/L	—	J+	09-611	CALA-09-1736	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.2	—	—	1.30E-01	mg/L	—	J-	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.4	—	—	1.30E-01	mg/L	—	—	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.9	—	—	1.32E-01	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.189	—	—	3.30E-02	mg/L	—	—	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	01/12/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.122	—	—	3.30E-02	mg/L	—	—	09-611	CALA-09-1736	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.147	—	—	3.30E-02	mg/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.127	—	—	3.30E-02	mg/L	—	—	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.136	—	—	3.30E-02	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	83.1	—	—	3.50E-01	mg/L	—	—	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74.8	—	—	3.50E-01	mg/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.4	—	—	4.30E-01	mg/L	—	—	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.2	—	—	4.25E-01	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74.9	—	—	4.40E-01	mg/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	80.9	—	—	3.50E-01	mg/L	—	—	09-2582	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	78.7	—	—	3.50E-01	mg/L	—	—	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.7	—	—	4.30E-01	mg/L	—	—	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.3	—	—	4.25E-01	mg/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.9	—	—	4.40E-01	mg/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.35	—	—	8.50E-02	mg/L	—	J	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.75	—	—	8.50E-02	mg/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.71	—	—	8.50E-02	mg/L	—	—	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.8	—	—	8.50E-02	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.87	—	—	8.50E-02	mg/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.22	—	—	8.50E-02	mg/L	—	J	09-2582	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.97	—	—	8.50E-02	mg/L	—	—	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.7	—	—	8.50E-02	mg/L	—	—	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.82	—	—	8.50E-02	mg/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.74	—	—	8.50E-02	mg/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.75	—	—	5.00E-02	mg/L	—	—	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	01/12/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.88	—	—	1.00E-01	mg/L	—	—	09-611	CALA-09-1736	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.18	—	—	5.00E-02	mg/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.38	—	—	5.00E-02	mg/L	—	J-	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.27	—	—	1.00E-01	mg/L	—	J	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	2.85	—	—	2.50E-01	ug/L	—	—	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	01/12/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	3.01	—	—	2.50E-01	ug/L	—	—	09-611	CALA-09-1736	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	3.29	—	—	2.50E-01	ug/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	3.55	—	—	2.50E-01	ug/L	—	J	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	3.4	—	—	2.50E-01	ug/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.6	—	—	5.00E-02	mg/L	—	—	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.28	—	—	5.00E-02	mg/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.72	—	—	5.00E-02	mg/L	—	—	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.79	—	—	5.00E-02	mg/L	E	J	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.8	—	—	5.00E-02	mg/L	—	—	185012	GF07040GI32A01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.3	—	—	5.00E-02	mg/L	—	—	09-2582	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.97	—	—	5.00E-02	mg/L	—	—	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.76	—	—	5.00E-02	mg/L	—	—	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.78	—	—	5.00E-02	mg/L	E	J	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.57	—	—	5.00E-02	mg/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	70	—	—	3.20E-02	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17	—	—	1.00E-01	mg/L	—	—	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.2	—	—	4.50E-02	mg/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.5	—	—	4.50E-02	mg/L	—	—	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	4.50E-02	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.2	—	—	4.50E-02	mg/L	E	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.4	—	—	1.00E-01	mg/L	—	—	09-2582	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	4.50E-02	mg/L	—	—	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.6	—	—	4.50E-02	mg/L	—	—	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	4.50E-02	mg/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.9	—	—	4.50E-02	mg/L	E	J	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	258	—	—	1.00E+00	uS/cm	—	—	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	01/12/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	260	—	—	1.00E+00	uS/cm	—	—	09-611	CALA-09-1736	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	269	—	—	1.00E+00	uS/cm	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	248	—	—	1.00E+00	uS/cm	—	—	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	258	—	—	1.00E+00	uS/cm	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.97	—	—	1.00E-01	mg/L	—	—	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	01/12/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.88	—	—	1.00E-01	mg/L	—	—	09-611	CALA-09-1736	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.59	—	—	1.00E-01	mg/L	—	J-	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.55	—	—	1.00E-01	mg/L	—	—	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.5	—	—	1.00E-01	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	208	—	—	2.40E+00	mg/L	—	—	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	01/12/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	193	—	—	2.40E+00	mg/L	—	—	09-611	CALA-09-1736	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	214	—	—	2.40E+00	mg/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	203	—	—	2.40E+00	mg/L	—	—	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	199	—	—	2.38E+00	mg/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.348	—	—	3.30E-01	mg/L	J	J	09-2581	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	01/12/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.685	—	—	3.30E-01	mg/L	J	J	09-611	CALA-09-1737	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.05	—	—	3.30E-01	mg/L	—	—	08-1854	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.534	—	—	3.30E-01	mg/L	J	J	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.3	—	—	3.30E-01	mg/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.91	—	—	1.00E-02	SU	H	J-	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	01/12/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.05	—	—	1.00E-02	SU	H	J-	09-611	CALA-09-1736	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.04	—	—	1.00E-02	SU	H	J-	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.28	—	—	1.00E-02	SU	H	J-	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.38	—	—	1.00E-02	SU	H	J	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.09	—	—	1.50E+00	ug/L	J	J	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.57	—	—	1.50E+00	ug/L	J	J	09-2582	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	2.5	—	—	1.50E+00	ug/L	J	U	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.4	—	—	1.00E+00	ug/L	—	—	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.7	—	—	1.00E+00	ug/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	17.2	—	—	1.00E+00	ug/L	—	—	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.2	—	—	1.00E+00	ug/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	17.6	—	—	1.00E+00	ug/L	—	—	185012	GF07040GI32A01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.9	—	—	1.00E+00	ug/L	—	—	09-2582	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16.8	—	—	1.00E+00	ug/L	—	—	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.4	—	—	1.00E+00	ug/L	—	—	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.3	—	—	1.00E+00	ug/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.1	—	—	1.00E+00	ug/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	1.50E+00	ug/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.6	—	—	2.50E+00	ug/L	J	J	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.5	—	—	1.00E+00	ug/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.8	—	—	1.00E+00	ug/L	J	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.71	—	—	2.50E+00	ug/L	J	J	09-2582	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	1.50E+00	ug/L	—	—	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3	—	—	2.50E+00	ug/L	J	J	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	1.00E+00	ug/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.8	—	—	1.00E+00	ug/L	J	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.406	—	—	1.00E-01	ug/L	J	J	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.51	—	—	1.00E-01	ug/L	—	U	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.403	—	—	1.00E-01	ug/L	J	J	09-2582	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.49	—	—	1.00E-01	ug/L	J	U	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.749	—	—	5.00E-01	ug/L	J	J	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.2	—	—	5.00E-01	ug/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.88	—	—	5.00E-01	ug/L	J	J	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.76	—	—	5.00E-01	ug/L	J	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.57	—	—	5.00E-01	ug/L	J	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.801	—	—	5.00E-01	ug/L	J	J	09-2582	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.8	—	—	5.00E-01	ug/L	—	—	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.88	—	—	5.00E-01	ug/L	J	J	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.73	—	—	5.00E-01	ug/L	J	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.63	—	—	5.00E-01	ug/L	J	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.7	—	—	5.30E-02	mg/L	—	—	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	01/12/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70	—	—	3.20E-02	mg/L	—	—	09-611	CALA-09-1736	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.2	—	—	3.20E-02	mg/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.7	—	—	3.20E-02	mg/L	—	—	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	159	—	—	1.00E+00	ug/L	—	—	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	136	—	—	1.00E+00	ug/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	141	—	—	1.00E+00	ug/L	—	—	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	140	—	—	1.00E+00	ug/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	136	—	—	1.00E+00	ug/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	153	—	—	1.00E+00	ug/L	—	—	09-2582	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	143	—	—	1.00E+00	ug/L	—	—	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	141	—	—	1.00E+00	ug/L	—	—	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	140	—	—	1.00E+00	ug/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	133	—	—	1.00E+00	ug/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.69	—	—	5.00E-02	ug/L	—	—	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	ug/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	ug/L	—	—	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	ug/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.73	—	—	5.00E-02	ug/L	—	—	09-2582	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	5.00E-02	ug/L	—	—	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	ug/L	—	—	08-568	CALA-08-9869	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.41	—	—	3.30E+00	ug/L	J	J	09-2582	CALA-09-11152	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.5	—	—	2.00E+00	ug/L	J	J	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2.4	—	—	2.00E+00	ug/L	J	U	08-568	CALA-08-9868	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.1	—	—	2.00E+00	ug/L	J	J	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2.6	—	—	2.00E+00	ug/L	J	U	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.4	—	—	2.00E+00	ug/L	J	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00538	1.63E-03	3.20E-02	—	pCi/L	U	U	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00335	8.97E-04	3.71E-02	—	pCi/L	U	U	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00359	3.57E-03	4.40E-02	—	pCi/L	U	U	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00516	1.46E-03	2.51E-02	—	pCi/L	U	U	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00741	1.90E-03	3.50E-02	—	pCi/L	U	U	09-2583	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000494	2.07E-03	4.10E-02	—	pCi/L	U	U	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000643	9.90E-04	3.81E-02	—	pCi/L	U	U	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00322	3.32E-03	4.21E-02	—	pCi/L	U	U	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00557	1.16E-03	2.40E-02	—	pCi/L	U	U	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.048	4.67E-01	4.60E+00	—	pCi/L	U	U	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.76	5.37E-01	4.56E+00	—	pCi/L	U	U	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.095	3.30E-01	3.23E+00	—	pCi/L	U	U	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.06	4.33E-01	4.02E+00	—	pCi/L	U	U	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.05	4.67E-01	4.40E+00	—	pCi/L	U	U	09-2583	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.03	4.67E-01	4.30E+00	—	pCi/L	U	U	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.898	4.20E-01	4.14E+00	—	pCi/L	U	U	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.83	4.00E-01	3.50E+00	—	pCi/L	U	U	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.14	3.97E-01	3.62E+00	—	pCi/L	U	U	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.402	4.67E-01	4.70E+00	—	pCi/L	U	U	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.348	4.57E-01	4.48E+00	—	pCi/L	U	U	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.081	4.23E-01	4.11E+00	—	pCi/L	U	U	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.734	3.47E-01	3.59E+00	—	pCi/L	U	U	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.52	5.00E-01	5.40E+00	—	pCi/L	U	U	09-2583	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.51	5.00E-01	5.70E+00	—	pCi/L	U	U	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.61	4.30E-01	4.56E+00	—	pCi/L	U	U	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.03	3.70E-01	4.05E+00	—	pCi/L	U	U	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.73	3.01E-01	3.37E+00	—	pCi/L	U	U	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	2.75	2.93E-01	2.10E+00	—	pCi/L	—	—	09-2583	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	9.98	4.87E-01	3.20E+00	—	pCi/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	9.3	4.07E-01	2.99E+00	—	pCi/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	9.89	4.13E-01	3.03E+00	—	pCi/L	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	7.82	2.50E-01	1.29E+00	—	pCi/L	—	—	174177	GF06100GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	10.9	5.33E-01	2.60E+00	—	pCi/L	—	—	09-2583	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	10	5.00E-01	3.29E+00	—	pCi/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	10.5	4.00E-01	2.79E+00	—	pCi/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	10.7	4.13E-01	2.77E+00	—	pCi/L	—	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	10/13/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.51	2.75E-01	1.83E+00	—	pCi/L	—	—	174177	GU06100GI32A01	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	6.81	4.00E+00	1.90E+01	—	pCi/L	U	U	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	62.7	1.31E+01	2.18E+02	—	pCi/L	U	U	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	77.5	1.80E+01	2.19E+02	—	pCi/L	U	U	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	72.4	1.76E+01	2.48E+02	—	pCi/L	U	U	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	144	2.10E+01	9.40E+01	—	pCi/L	—	U	09-2583	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	34.4	8.67E+00	1.70E+01	—	pCi/L	—	U	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	82.4	2.49E+01	2.77E+02	—	pCi/L	U	U	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	121	6.30E+01	3.41E+02	—	pCi/L	U	U	185012	GU07040GI32A01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	70.4	1.66E+01	2.40E+02	—	pCi/L	U	U	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.31	3.67E+00	3.40E+01	—	pCi/L	U	U	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.3	3.87E+00	3.32E+01	—	pCi/L	U	U	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.41	2.96E+00	2.87E+01	—	pCi/L	U	U	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.62	3.21E+00	2.85E+01	—	pCi/L	U	U	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	16	3.67E+00	3.50E+01	—	pCi/L	U	U	09-2583	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.91	3.67E+00	3.00E+01	—	pCi/L	U	U	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.39	2.92E+00	2.82E+01	—	pCi/L	U	U	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.105	3.28E+00	2.80E+01	—	pCi/L	U	U	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.48	3.26E+00	3.27E+01	—	pCi/L	U	U	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00459	3.33E-03	7.00E-02	—	pCi/L	U	U	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00759	2.80E-03	4.86E-02	—	pCi/L	U	U	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00201	1.16E-03	2.92E-02	—	pCi/L	U	U	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00235	3.60E-03	2.58E-02	—	pCi/L	U	U	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0231	4.67E-03	3.40E-02	—	pCi/L	U	U	09-2583	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00901	2.60E-03	6.80E-02	—	pCi/L	U	U	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	2.31E-03	4.21E-02	—	pCi/L	U	U	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00378	1.26E-03	2.74E-02	—	pCi/L	U	U	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0247	5.33E-03	2.71E-02	—	pCi/L	U	U	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00918	3.07E-03	7.90E-02	—	pCi/L	U	U	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0202	3.40E-03	4.46E-02	—	pCi/L	U	U	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.89E-03	3.42E-02	—	pCi/L	U	U	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0141	2.72E-03	1.72E-02	—	pCi/L	U	U	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0042	1.97E-03	4.10E-02	—	pCi/L	U	U	09-2583	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.009	2.13E-03	7.70E-02	—	pCi/L	U	U	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00439	2.07E-03	3.87E-02	—	pCi/L	U	U	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00189	1.09E-03	3.22E-02	—	pCi/L	U	U	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0074	3.93E-03	1.80E-02	—	pCi/L	U	U	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-9.76	6.33E+00	6.10E+01	—	pCi/L	U	U	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	38.7	7.00E+00	4.04E+01	—	pCi/L	U	U	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	27.1	6.63E+00	4.38E+01	—	pCi/L	U	U	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	51.7	5.33E+00	3.71E+01	—	pCi/L	U	R	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.43	5.67E+00	5.90E+01	—	pCi/L	U	U	09-2583	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	13.4	6.00E+00	6.50E+01	—	pCi/L	U	U	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.68	6.10E+00	5.77E+01	—	pCi/L	U	U	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	2.41	6.40E+00	3.01E+01	—	pCi/L	U	U	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.23	6.10E+00	5.79E+01	—	pCi/L	U	U	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.122	2.50E-02	2.30E-01	—	pCi/L	U	U	09-2583	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.241	5.00E-02	4.90E-01	—	pCi/L	U	U	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.167	4.00E-02	3.90E-01	—	pCi/L	U	U	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.29	1.03E-01	6.50E-01	—	pCi/L	—	—	09-2583	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.757	8.33E-02	6.80E-01	—	pCi/L	—	—	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.604	6.33E-02	5.60E-01	—	pCi/L	—	—	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.289	4.67E-01	4.50E+00	—	pCi/L	U	U	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.356	4.00E-01	4.11E+00	—	pCi/L	U	U	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.155	3.53E-01	3.50E+00	—	pCi/L	U	U	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.388	3.37E-01	3.39E+00	—	pCi/L	U	U	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.772	5.67E-01	5.20E+00	—	pCi/L	U	U	09-2583	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.949	3.67E-01	3.30E+00	—	pCi/L	U	U	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.25	3.80E-01	4.12E+00	—	pCi/L	U	U	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.12	3.70E-01	3.28E+00	—	pCi/L	U	U	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.7	3.47E-01	2.75E+00	—	pCi/L	U	U	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0599	4.00E-02	4.90E-01	—	pCi/L	U	U	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.3	3.00E-02	3.98E-01	—	pCi/L	U	U	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.206	3.67E-02	4.79E-01	—	pCi/L	U	U	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0518	2.67E-02	3.07E-01	—	pCi/L	U	U	180976	GF07020GI32A01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.173	4.00E-02	4.00E-01	—	pCi/L	U	U	09-2583	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.26	3.67E-02	4.80E-01	—	pCi/L	U	U	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.385	2.38E-02	3.73E-01	—	pCi/L	U	U	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0676	4.37E-02	4.86E-01	—	pCi/L	U	U	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00664	2.76E-02	3.09E-01	—	pCi/L	U	U	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	1680	6.00E+01	1.60E+02	—	pCi/L	—	—	09-2583	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	01/12/09	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	1840	6.33E+01	1.50E+02	—	pCi/L	—	—	09-611	CALA-09-1737	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	2740	1.00E+02	1.80E+02	—	pCi/L	—	—	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	2620	9.00E+01	1.70E+02	—	pCi/L	—	—	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	2740	9.40E+01	1.66E+02	—	pCi/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.604	1.67E-02	7.30E-02	—	pCi/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.574	1.64E-02	3.15E-02	—	pCi/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.483	1.47E-02	6.09E-02	—	pCi/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.519	1.54E-02	4.99E-02	—	pCi/L	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.621	2.03E-02	1.10E-01	—	pCi/L	—	—	09-2583	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.584	1.67E-02	7.20E-02	—	pCi/L	—	—	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.496	1.43E-02	2.88E-02	—	pCi/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.493	1.51E-02	6.31E-02	—	pCi/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.399	1.34E-02	5.50E-02	—	pCi/L	—	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0473	4.00E-03	3.90E-02	—	pCi/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.05	4.03E-03	2.65E-02	—	pCi/L	—	J	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0392	3.80E-03	3.57E-02	—	pCi/L	—	J	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.032	3.53E-03	5.09E-02	—	pCi/L	U	U	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0646	5.33E-03	5.10E-02	—	pCi/L	—	—	09-2583	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00779	2.60E-03	3.90E-02	—	pCi/L	U	U	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0356	3.24E-03	2.43E-02	—	pCi/L	—	J	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.029	3.90E-03	3.70E-02	—	pCi/L	U	U	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0256	3.40E-03	5.61E-02	—	pCi/L	U	U	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.487	1.43E-02	3.80E-02	—	pCi/L	—	—	08-1855	CALA-08-13895	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.445	1.38E-02	4.24E-02	—	pCi/L	—	—	190642	GF07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.435	1.39E-02	5.73E-02	—	pCi/L	—	—	185012	GF07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.371	1.23E-02	3.53E-02	—	pCi/L	—	—	180976	GF07020GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.553	1.83E-02	5.20E-02	—	pCi/L	—	—	09-2583	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.504	1.47E-02	3.80E-02	—	pCi/L	—	—	08-1855	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.489	1.42E-02	3.87E-02	—	pCi/L	—	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	04/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.45	1.44E-02	5.93E-02	—	pCi/L	—	—	185012	GU07040GI32A01	GELC
LAOI-3.2a	7691	181.4	02/16/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.355	1.25E-02	3.89E-02	—	pCi/L	—	—	180976	GU07020GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.38	—	—	2.50E-01	ug/L	J	J	09-2581	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	01/12/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.408	—	—	2.50E-01	ug/L	J	J	09-611	CALA-09-1737	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.392	—	—	2.50E-01	ug/L	J	J	08-1854	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.301	—	—	2.50E-01	ug/L	J	J	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.264	—	—	2.50E-01	ug/L	J	—	190642	GU07070GI32A01	GELC
LAOI-3.2a	7691	181.4	07/08/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.34	—	—	3.00E-01	ug/L	J	J	09-2581	CALA-09-11150	GELC
LAOI-3.2a	7691	181.4	01/12/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-611	CALA-09-1737	GELC
LAOI-3.2a	7691	181.4	09/05/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1854	CALA-08-13896	GELC
LAOI-3.2a	7691	181.4	01/23/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-568	CALA-08-9869	GELC
LAOI-3.2a	7691	181.4	07/30/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	190642	GU07070GI32A01	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.6	—	—	7.30E-01	mg/L	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	01/07/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53	—	—	7.30E-01	mg/L	—	—	09-589	CALA-09-1735	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.7	—	—	7.30E-01	mg/L	—	—	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.4	—	—	7.30E-01	mg/L	—	—	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.3	—	—	7.25E-01	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.109	—	—	6.60E-02	mg/L	J	J	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	01/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.181	—	—	6.70E-02	mg/L	J	J	09-589	CALA-09-1735	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.16	—	—	6.70E-02	mg/L	J	J	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	08-467	CALA-08-10261	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.159	—	—	6.60E-02	mg/L	J	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	5.00E-02	mg/L	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19	—	—	3.00E-02	mg/L	—	—	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.2	—	—	3.00E-02	mg/L	—	—	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	3.00E-02	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.5	—	—	3.60E-02	mg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.5	—	—	5.00E-02	mg/L	—	—	09-2615	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.7	—	—	3.00E-02	mg/L	—	—	08-1797	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	3.00E-02	mg/L	—	—	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	3.00E-02	mg/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.1	—	—	3.60E-02	mg/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	27.3	—	—	1.30E-01	mg/L	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	01/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	27.7	—	—	3.30E-01	mg/L	—	—	09-589	CALA-09-1735	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	38.3	—	—	1.30E-01	mg/L	—	—	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	24.1	—	—	1.30E-01	mg/L	—	—	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	24.8	—	—	1.32E-01	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.221	—	—	3.30E-02	mg/L	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	01/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.208	—	—	3.30E-02	mg/L	—	—	09-589	CALA-09-1735	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.224	—	—	3.30E-02	mg/L	—	—	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.179	—	—	3.30E-02	mg/L	—	—	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.208	—	—	3.30E-02	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73	—	—	3.50E-01	mg/L	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	84.1	—	—	3.50E-01	mg/L	—	—	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	68.4	—	—	4.30E-01	mg/L	—	—	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	69.2	—	—	4.25E-01	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	57.6	—	—	4.40E-01	mg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	70.9	—	—	3.50E-01	mg/L	—	—	09-2615	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	80.7	—	—	3.50E-01	mg/L	—	—	08-1797	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	69.3	—	—	4.30E-01	mg/L	—	—	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	72.4	—	—	4.25E-01	mg/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.3	—	—	4.40E-01	mg/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.39	—	—	8.50E-02	mg/L	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.91	—	—	8.50E-02	mg/L	—	—	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.78	—	—	8.50E-02	mg/L	—	—	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.93	—	—	8.50E-02	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.8	—	—	8.50E-02	mg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.19	—	—	8.50E-02	mg/L	—	—	09-2615	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.26	—	—	8.50E-02	mg/L	—	—	08-1797	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.97	—	—	8.50E-02	mg/L	—	—	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.25	—	—	8.50E-02	mg/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.08	—	—	8.50E-02	mg/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.276	—	—	5.00E-02	mg/L	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	01/07/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.187	—	—	5.00E-02	mg/L	J	J	09-589	CALA-09-1735	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.0629	—	—	1.00E-02	mg/L	—	U	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.275	—	—	5.00E-02	mg/L	—	—	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.075	—	—	1.00E-02	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.66	—	—	5.00E-02	ug/L	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	01/07/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.522	—	—	5.00E-02	ug/L	—	—	09-589	CALA-09-1735	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.56	—	—	5.00E-02	ug/L	—	—	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.65	—	—	5.00E-02	ug/L	—	—	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.535	—	—	5.00E-02	ug/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.98	—	—	5.00E-02	mg/L	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.53	—	—	5.00E-02	mg/L	—	—	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.99	—	—	5.00E-02	mg/L	—	—	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.06	—	—	5.00E-02	mg/L	—	—	190027	GF07070LAOI701	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.6	—	—	5.00E-02	mg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.79	—	—	5.00E-02	mg/L	—	—	09-2615	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.51	—	—	5.00E-02	mg/L	—	—	08-1797	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.99	—	—	5.00E-02	mg/L	—	—	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.23	—	—	5.00E-02	mg/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.69	—	—	5.00E-02	mg/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	55.2	—	—	3.20E-02	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	1.00E-01	mg/L	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	4.50E-02	mg/L	—	—	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	4.50E-02	mg/L	—	—	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	4.50E-02	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	4.50E-02	mg/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	1.00E-01	mg/L	—	—	09-2615	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	4.50E-02	mg/L	—	—	08-1797	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	4.50E-02	mg/L	—	—	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	4.50E-02	mg/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.49	—	—	4.50E-02	mg/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	236	—	—	1.00E+00	uS/cm	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	01/07/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	235	—	—	1.00E+00	uS/cm	—	—	09-589	CALA-09-1735	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	237	—	—	1.00E+00	uS/cm	—	—	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	215	—	—	1.00E+00	uS/cm	—	—	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	233	—	—	1.00E+00	uS/cm	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.1	—	—	1.00E-01	mg/L	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	01/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.6	—	—	1.00E-01	mg/L	—	—	09-589	CALA-09-1735	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.9	—	—	1.00E-01	mg/L	—	J-	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.1	—	—	1.00E-01	mg/L	—	—	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.81	—	—	1.00E-01	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	185	—	—	2.40E+00	mg/L	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	01/07/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	174	—	—	2.40E+00	mg/L	—	—	09-589	CALA-09-1735	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	179	—	—	2.40E+00	mg/L	—	—	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	168	—	—	2.40E+00	mg/L	—	—	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	193	—	—	2.38E+00	mg/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.95	—	—	3.30E-01	mg/L	J	J	09-2614	CALA-09-11155	GELC
LAOI-7	6411	240	01/07/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.55	—	—	3.30E-01	mg/L	—	—	09-589	CALA-09-1734	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.795	—	—	3.30E-01	mg/L	J	J	08-1796	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.2	—	—	3.30E-01	mg/L	—	—	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.19	—	—	3.30E-01	mg/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.046	—	—	1.50E-02	mg/L	J	J	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	01/07/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.096	—	—	2.40E-02	mg/L	—	—	09-589	CALA-09-1735	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.05	—	—	2.40E-02	mg/L	U	U	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.041	—	—	2.40E-02	mg/L	J	U	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.065	—	—	2.40E-02	mg/L	—	U	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.36	—	—	1.00E-02	SU	H	J-	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	01/07/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.4	—	—	1.00E-02	SU	H	J-	09-589	CALA-09-1735	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.6	—	—	1.00E-02	SU	H	J-	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.48	—	—	1.00E-02	SU	H	J-	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.31	—	—	1.00E-02	SU	H	J	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.7	—	—	1.00E+00	ug/L	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.7	—	—	1.00E+00	ug/L	—	—	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.8	—	—	1.00E+00	ug/L	—	—	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.2	—	—	1.00E+00	ug/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.7	—	—	1.00E+00	ug/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.4	—	—	1.00E+00	ug/L	—	—	09-2615	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.6	—	—	1.00E+00	ug/L	—	—	08-1797	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.4	—	—	1.00E+00	ug/L	—	—	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.6	—	—	1.00E+00	ug/L	—	—	190027	GU07070LAOI701	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23	—	—	1.00E+00	ug/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.8	—	—	1.50E+01	ug/L	J	J	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	10.5	—	—	1.00E+01	ug/L	J	J	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.6	—	—	1.00E+01	ug/L	J	J	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.9	—	—	1.00E+01	ug/L	J	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	10.6	—	—	1.00E+01	ug/L	J	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	19.2	—	—	1.50E+01	ug/L	J	J	09-2615	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	10.2	—	—	1.00E+01	ug/L	J	J	08-1797	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	19.8	—	—	1.00E+01	ug/L	J	J	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.2	—	—	1.00E+01	ug/L	J	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	13.7	—	—	1.00E+01	ug/L	J	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.08	—	—	2.50E+00	ug/L	J	J	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	4.7	—	—	1.50E+00	ug/L	—	U	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.2	—	—	1.00E+00	ug/L	J	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1	—	—	1.00E+00	ug/L	J	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.15	—	—	2.50E+00	ug/L	J	J	09-2615	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	6.4	—	—	1.50E+00	ug/L	—	U	08-1797	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.4	—	—	1.00E+00	ug/L	J	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.3	—	—	1.00E+00	ug/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	2.19	—	—	1.00E+00	ug/L	J	J	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1.00E+00	ug/L	U	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1.00E+00	ug/L	U	UJ	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	08-1797	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1.00E+00	ug/L	U	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1.00E+00	ug/L	U	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.76	—	—	2.00E+00	ug/L	J	J	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.1	—	—	2.00E+00	ug/L	J	J	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.8	—	—	2.00E+00	ug/L	J	J	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.1	—	—	2.00E+00	ug/L	J	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.02	—	—	2.00E+00	ug/L	J	J	09-2615	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	11.6	—	—	2.00E+00	ug/L	—	—	08-1797	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.7	—	—	2.00E+00	ug/L	J	J	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4	—	—	2.00E+00	ug/L	J	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.1	—	—	2.00E+00	ug/L	J	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.04	—	—	1.00E-01	ug/L	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.89	—	—	1.00E-01	ug/L	—	U	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.07	—	—	1.00E-01	ug/L	—	—	09-2615	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.95	—	—	1.00E-01	ug/L	—	U	08-1797	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.25	—	—	5.00E-01	ug/L	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.3	—	—	5.00E-01	ug/L	—	—	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.1	—	—	5.00E-01	ug/L	—	—	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	6.1	—	—	5.00E-01	ug/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.99	—	—	5.00E-01	ug/L	J	J	09-2615	CALA-09-11155	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.7	—	—	5.00E-01	ug/L	—	—	08-1797	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.7	—	—	5.00E-01	ug/L	—	—	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	5.9	—	—	5.00E-01	ug/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.3	—	—	5.00E-01	ug/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	59.8	—	—	5.30E-02	mg/L	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	01/07/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58.3	—	—	3.20E-02	mg/L	—	—	09-589	CALA-09-1735	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.8	—	—	3.20E-02	mg/L	—	—	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	53.2	—	—	3.20E-02	mg/L	—	—	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	94.5	—	—	1.00E+00	ug/L	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1.00E+00	ug/L	—	—	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	88.9	—	—	1.00E+00	ug/L	—	—	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	92.4	—	—	1.00E+00	ug/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	75.4	—	—	1.00E+00	ug/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	94.9	—	—	1.00E+00	ug/L	—	—	09-2615	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1.00E+00	ug/L	—	—	08-1797	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	89.2	—	—	1.00E+00	ug/L	—	—	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	97	—	—	1.00E+00	ug/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	78.7	—	—	1.00E+00	ug/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.694	—	—	5.00E-02	ug/L	—	—	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.73	—	—	5.00E-02	ug/L	—	J	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.61	—	—	5.00E-02	ug/L	—	—	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.61	—	—	5.00E-02	ug/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.57	—	—	5.00E-02	ug/L	—	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.754	—	—	5.00E-02	ug/L	—	—	09-2615	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.74	—	—	5.00E-02	ug/L	—	J	08-1797	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.59	—	—	5.00E-02	ug/L	—	—	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.61	—	—	5.00E-02	ug/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.54	—	—	5.00E-02	ug/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.91	—	—	1.00E+00	ug/L	J	J	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2	—	—	1.00E+00	ug/L	J	U	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.3	—	—	1.00E+00	ug/L	J	U	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.2	—	—	1.00E+00	ug/L	J	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1.00E+00	ug/L	J	JN-	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1.00E+00	ug/L	J	J	09-2615	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	2.8	—	—	1.00E+00	ug/L	J	U	08-1797	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	2.8	—	—	1.00E+00	ug/L	J	U	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.7	—	—	1.00E+00	ug/L	J	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.5	—	—	1.00E+00	ug/L	J	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	8.13	—	—	3.30E+00	ug/L	J	J	09-2615	CALA-09-11153	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	14.1	—	—	2.00E+00	ug/L	—	U	08-1797	CALA-08-13899	GELC
LAOI-7	6411	240	01/09/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.2	—	—	2.00E+00	ug/L	J	J	08-467	CALA-08-10261	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.8	—	—	2.00E+00	ug/L	J	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.1	—	—	2.00E+00	ug/L	J	—	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8.19	—	—	3.30E+00	ug/L	J	J	09-2615	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	18.7	—	—	2.00E+00	ug/L	—	U	08-1797	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8.9	—	—	2.00E+00	ug/L	J	J	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8.4	—	—	2.00E+00	ug/L	J	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	13.9	—	—	2.00E+00	ug/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	1.90E-03	3.60E-02	—	pCi/L	U	U	08-1798	CALA-08-13899	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00373	9.53E-04	3.51E-02	—	pCi/L	U	U	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00189	8.70E-04	3.69E-02	—	pCi/L	U	U	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00338	2.23E-03	2.39E-02	—	pCi/L	U	U	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0118	5.33E-03	3.90E-02	—	pCi/L	U	U	09-2616	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00606	2.33E-03	3.50E-02	—	pCi/L	U	U	08-1798	CALA-08-13897	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0041	1.81E-03	3.63E-02	—	pCi/L	U	U	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0131	2.61E-03	4.56E-02	—	pCi/L	U	U	184649	GU07040LAOI701	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.005	1.08E-03	2.29E-02	—	pCi/L	U	U	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.77	4.67E-01	4.30E+00	—	pCi/L	U	U	08-1798	CALA-08-13899	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.898	4.07E-01	4.17E+00	—	pCi/L	U	U	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.06	4.27E-01	4.33E+00	—	pCi/L	U	U	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.658	3.93E-01	3.94E+00	—	pCi/L	U	U	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.629	5.00E-01	5.20E+00	—	pCi/L	U	U	09-2616	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.35	4.00E-01	3.30E+00	—	pCi/L	U	U	08-1798	CALA-08-13897	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.06	4.87E-01	3.79E+00	—	pCi/L	U	U	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.88	3.97E-01	4.23E+00	—	pCi/L	U	U	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.32	4.37E-01	4.04E+00	—	pCi/L	U	U	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.897	5.33E-01	4.80E+00	—	pCi/L	U	U	08-1798	CALA-08-13899	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.164	4.43E-01	4.37E+00	—	pCi/L	U	U	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.64	5.13E-01	5.62E+00	—	pCi/L	U	U	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.129	4.17E-01	4.09E+00	—	pCi/L	U	U	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.404	5.00E-01	4.80E+00	—	pCi/L	U	U	09-2616	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.74	3.67E-01	4.40E+00	—	pCi/L	U	U	08-1798	CALA-08-13897	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.699	3.43E-01	3.07E+00	—	pCi/L	U	U	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.23	4.60E-01	3.32E+00	—	pCi/L	U	U	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.14	3.97E-01	4.24E+00	—	pCi/L	U	U	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.15	2.77E-01	2.80E+00	—	pCi/L	U	U	09-2616	CALA-09-11155	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.75	3.06E-01	2.25E+00	—	pCi/L	—	J	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.78	3.04E-01	2.11E+00	—	pCi/L	—	J	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	7.74	4.53E-01	3.46E+00	—	pCi/L	—	J	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	08/01/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	6.83	3.43E-01	2.67E+00	—	pCi/L	—	J	168378	GF06070LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.44	4.00E-01	3.40E+00	—	pCi/L	—	—	09-2616	CALA-09-11155	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.45	2.83E-01	2.32E+00	—	pCi/L	—	J	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.09	3.07E-01	2.87E+00	—	pCi/L	—	J	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.95	4.10E-01	3.38E+00	—	pCi/L	—	J	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	08/01/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.18	2.41E-01	2.22E+00	—	pCi/L	—	J	168378	GU06070LAOI701	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	13.1	9.00E+00	2.50E+01	—	pCi/L	U	U	08-1798	CALA-08-13899	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	82.9	2.81E+01	2.98E+02	—	pCi/L	U	U	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	61.5	1.66E+01	1.25E+02	—	pCi/L	U	U	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	129	3.07E+01	4.35E+02	—	pCi/L	U	U	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	215	1.27E+01	1.20E+02	—	pCi/L	—	—	09-2616	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15.1	5.33E+00	3.70E+01	—	pCi/L	U	U	08-1798	CALA-08-13897	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	67.7	2.40E+01	2.47E+02	—	pCi/L	U	U	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	72.9	2.09E+01	1.98E+02	—	pCi/L	U	U	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	83.1	1.55E+01	2.51E+02	—	pCi/L	U	U	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.16	3.33E+00	3.40E+01	—	pCi/L	U	U	08-1798	CALA-08-13899	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.27	3.40E+00	3.06E+01	—	pCi/L	U	U	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.38	3.77E+00	3.36E+01	—	pCi/L	U	U	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-19.8	4.03E+00	3.16E+01	—	pCi/L	U	U	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	19	4.00E+00	4.10E+01	—	pCi/L	U	U	09-2616	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-9.59	3.03E+00	2.90E+01	—	pCi/L	U	U	08-1798	CALA-08-13897	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.235	2.75E+00	2.74E+01	—	pCi/L	U	U	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.54	3.47E+00	3.26E+01	—	pCi/L	U	U	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.13	3.28E+00	2.93E+01	—	pCi/L	U	U	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	2.01E-09	3.67E-03	2.90E-02	—	pCi/L	U	U	08-1798	CALA-08-13899	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00625	2.87E-03	2.92E-02	—	pCi/L	U	U	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0063	2.32E-03	3.05E-02	—	pCi/L	U	U	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00447	7.73E-03	4.91E-02	—	pCi/L	U	U	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00888	4.33E-03	3.50E-02	—	pCi/L	U	U	09-2616	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00405	2.70E-03	2.80E-02	—	pCi/L	U	U	08-1798	CALA-08-13897	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00396	2.95E-03	2.77E-02	—	pCi/L	U	U	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00802	1.89E-03	2.91E-02	—	pCi/L	U	U	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0223	3.50E-03	2.44E-02	—	pCi/L	U	U	180975	GU07020LAOI701	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0021	2.33E-03	3.60E-02	—	pCi/L	U	U	08-1798	CALA-08-13899	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00208	1.84E-03	3.23E-02	—	pCi/L	U	U	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.000000001	2.21E-03	3.58E-02	—	pCi/L	U	U	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	4.20E-03	3.26E-02	—	pCi/L	U	U	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00222	2.23E-03	4.30E-02	—	pCi/L	U	U	09-2616	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00202	1.80E-03	3.50E-02	—	pCi/L	U	U	08-1798	CALA-08-13897	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00791	1.87E-03	3.07E-02	—	pCi/L	U	U	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00401	2.50E-03	3.41E-02	—	pCi/L	U	U	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00668	5.10E-03	1.63E-02	—	pCi/L	U	U	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-0.797	5.67E+00	6.10E+01	—	pCi/L	U	U	08-1798	CALA-08-13899	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	3.36	4.73E+00	4.88E+01	—	pCi/L	U	U	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	8.99	5.63E+00	5.70E+01	—	pCi/L	U	U	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-3.56	6.33E+00	5.69E+01	—	pCi/L	U	U	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-39.5	6.67E+00	6.20E+01	—	pCi/L	U	U	09-2616	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-17.9	5.67E+00	5.30E+01	—	pCi/L	U	U	08-1798	CALA-08-13897	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	2.55	4.43E+00	4.83E+01	—	pCi/L	U	U	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-18.2	6.57E+00	5.50E+01	—	pCi/L	U	U	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	20.4	7.10E+00	3.30E+01	—	pCi/L	U	U	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.272	4.00E-02	3.30E-01	—	pCi/L	U	U	09-2616	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	-0.0347	3.33E-02	4.70E-01	—	pCi/L	U	U	08-1796	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	3.09	1.70E-01	7.30E-01	—	pCi/L	—	—	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.94	1.13E-01	9.20E-01	—	pCi/L	—	U	09-2616	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.377	7.33E-02	6.90E-01	—	pCi/L	U	U	08-1796	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.39	6.33E-02	5.70E-01	—	pCi/L	U	U	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.533	4.67E-01	4.50E+00	—	pCi/L	U	U	08-1798	CALA-08-13899	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.791	3.77E-01	3.94E+00	—	pCi/L	U	U	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.71	4.30E-01	3.77E+00	—	pCi/L	U	U	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.02	6.17E-01	2.77E+00	—	pCi/L	U	U	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.753	4.33E-01	4.50E+00	—	pCi/L	U	U	09-2616	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.683	4.33E-01	3.80E+00	—	pCi/L	U	U	08-1798	CALA-08-13897	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.351	3.57E-01	3.36E+00	—	pCi/L	U	U	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.414	5.37E-01	5.17E+00	—	pCi/L	U	U	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.89	3.40E-01	2.73E+00	—	pCi/L	U	U	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.078	4.33E-02	4.80E-01	—	pCi/L	U	U	08-1798	CALA-08-13899	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.252	2.97E-02	3.91E-01	—	pCi/L	U	U	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.445	5.47E-02	4.89E-01	—	pCi/L	U	U	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.142	2.76E-02	3.33E-01	—	pCi/L	U	U	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.132	4.33E-02	4.40E-01	—	pCi/L	U	U	09-2616	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0618	4.33E-02	4.90E-01	—	pCi/L	U	U	08-1798	CALA-08-13897	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0446	2.98E-02	3.25E-01	—	pCi/L	U	U	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0679	3.50E-02	3.95E-01	—	pCi/L	U	U	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.149	3.47E-02	3.47E-01	—	pCi/L	U	U	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	776	3.30E+01	1.70E+02	—	pCi/L	—	—	09-2616	CALA-09-11155	GELC
LAOI-7	6411	240	01/07/09	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	710	2.97E+01	1.50E+02	—	pCi/L	—	—	09-589	CALA-09-1734	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	687	3.23E+01	1.80E+02	—	pCi/L	—	—	08-1798	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	832	3.33E+01	1.70E+02	—	pCi/L	—	—	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	892	3.67E+01	1.83E+02	—	pCi/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.325	1.03E-02	6.20E-02	—	pCi/L	—	—	08-1798	CALA-08-13899	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.292	1.11E-02	3.47E-02	—	pCi/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.182	8.73E-03	7.18E-02	—	pCi/L	—	J	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.241	9.73E-03	5.39E-02	—	pCi/L	—	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.279	1.17E-02	1.10E-01	—	pCi/L	—	—	09-2616	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.294	1.00E-02	6.80E-02	—	pCi/L	—	—	08-1798	CALA-08-13897	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.236	1.26E-02	6.02E-02	—	pCi/L	—	—	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.24	1.01E-02	7.41E-02	—	pCi/L	—	—	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.285	1.08E-02	4.85E-02	—	pCi/L	—	—	180975	GU07020LAOI701	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0134	2.37E-03	3.30E-02	—	pCi/L	U	U	08-1798	CALA-08-13899	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00613	2.50E-03	2.92E-02	—	pCi/L	U	U	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0198	3.14E-03	4.21E-02	—	pCi/L	U	U	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.022	2.80E-03	5.49E-02	—	pCi/L	U	U	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0274	3.30E-03	5.20E-02	—	pCi/L	U	U	09-2616	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0146	2.33E-03	3.60E-02	—	pCi/L	U	U	08-1798	CALA-08-13897	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0159	4.70E-03	5.07E-02	—	pCi/L	U	U	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00341	1.14E-03	4.34E-02	—	pCi/L	U	U	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0226	3.53E-03	4.94E-02	—	pCi/L	U	U	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	08/27/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.2	7.33E-03	3.20E-02	—	pCi/L	—	—	08-1798	CALA-08-13899	GELC
LAOI-7	6411	240	07/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.183	9.07E-03	4.67E-02	—	pCi/L	—	—	190027	GF07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.158	8.60E-03	6.75E-02	—	pCi/L	—	J	184649	GF07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.198	8.90E-03	3.81E-02	—	pCi/L	—	—	180975	GF07020LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.222	1.00E-02	5.20E-02	—	pCi/L	—	—	09-2616	CALA-09-11155	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.237	8.67E-03	3.50E-02	—	pCi/L	—	—	08-1798	CALA-08-13897	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.193	1.18E-02	8.10E-02	—	pCi/L	—	J	190027	GU07070LAOI701	GELC
LAOI-7	6411	240	04/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.157	7.83E-03	6.96E-02	—	pCi/L	—	J	184649	GU07040LAOI701	GELC
LAOI-7	6411	240	02/15/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.233	9.23E-03	3.43E-02	—	pCi/L	—	—	180975	GU07020LAOI701	GELC
LAOI-7	6411	240	07/13/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Dichloroethane[1,2-]	—	0.304	—	—	2.50E-01	ug/L	J	J	09-2614	CALA-09-11154	GELC
LAOI-7	6411	240	08/27/08	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethane[1,2-]	<	1	—	—	2.50E-01	ug/L	U	U	08-1796	CALA-08-13897	GELC
LAOI-7	6411	240	01/09/08	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethane[1,2-]	<	1	—	—	2.50E-01	ug/L	U	U	08-467	CALA-08-10260	GELC
LAOI-7	6411	240	07/19/07	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethane[1,2-]	<	1	—	—	2.50E-01	ug/L	U	—	190027	GU07070LAOI701	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	196	—	—	7.30E-01	mg/L	—	—	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	229	—	—	7.30E-01	mg/L	—	—	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	139	—	—	7.30E-01	mg/L	—	—	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	198	—	—	7.25E-01	mg/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	129	—	—	7.25E-01	mg/L	—	—	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.049	—	—	1.60E-02	mg/L	J	J-	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.077	—	—	3.00E-02	mg/L	—	U	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.145	—	—	6.60E-02	mg/L	J	J-	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.09	—	—	6.70E-02	mg/L	J	J	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.252	—	—	6.60E-02	mg/L	—	—	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.066	—	—	6.60E-02	mg/L	U	—	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	41	—	—	5.00E-02	mg/L	—	—	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	42.7	—	—	3.00E-02	mg/L	—	—	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	32.5	—	—	3.00E-02	mg/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	68	—	—	3.60E-02	mg/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	38.5	—	—	3.60E-02	mg/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	42	—	—	5.00E-02	mg/L	—	—	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	41.5	—	—	3.00E-02	mg/L	—	—	08-1767	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	32	—	—	3.00E-02	mg/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	64.1	—	—	3.60E-02	mg/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	41.9	—	—	3.60E-02	mg/L	—	—	136047	GU05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	159	—	—	1.30E+00	mg/L	—	—	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	195	—	—	1.30E+00	mg/L	—	—	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	111	—	—	6.60E-01	mg/L	—	—	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	87.6	—	—	6.60E-01	mg/L	—	J	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	506	—	—	3.30E+00	mg/L	—	J	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.53	—	—	3.30E-02	mg/L	—	J-	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.736	—	—	3.30E-02	mg/L	—	—	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.52	—	—	3.30E-02	mg/L	—	—	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.81	—	—	3.30E-02	mg/L	—	—	190721	GF070700G1ZL01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.494	—	—	3.30E-02	mg/L	—	—	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	116	—	—	3.50E-01	mg/L	—	—	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	120	—	—	3.50E-01	mg/L	—	—	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	91.7	—	—	4.25E-01	mg/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	190	—	—	8.50E-02	mg/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	108	—	—	8.50E-02	mg/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	118	—	—	3.50E-01	mg/L	—	—	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	117	—	—	3.50E-01	mg/L	—	—	08-1767	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	90.4	—	—	4.25E-01	mg/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	179	—	—	8.50E-02	mg/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	119	—	—	8.50E-02	mg/L	—	—	136047	GU05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.29	—	—	8.50E-02	mg/L	—	—	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.32	—	—	8.50E-02	mg/L	—	—	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.6	—	—	8.50E-02	mg/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.87	—	—	8.50E-02	mg/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.99	—	—	8.50E-02	mg/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.29	—	—	8.50E-02	mg/L	—	—	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.2	—	—	8.50E-02	mg/L	—	—	08-1767	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.57	—	—	8.50E-02	mg/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.62	—	—	8.50E-02	mg/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.35	—	—	8.50E-02	mg/L	—	—	136047	GU05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.48	—	—	5.00E-02	mg/L	—	—	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9	—	—	5.00E-02	mg/L	—	—	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.01	—	—	5.00E-02	mg/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	11.3	—	—	5.00E-02	mg/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.75	—	—	5.00E-02	mg/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.4	—	—	5.00E-02	mg/L	—	—	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.62	—	—	5.00E-02	mg/L	—	—	08-1767	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.15	—	—	5.00E-02	mg/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	11.1	—	—	5.00E-02	mg/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.06	—	—	1.00E-01	mg/L	—	—	136047	GU05050G1ZL01	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	27.1	—	—	3.20E-02	mg/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	17.8	—	—	3.20E-02	mg/L	—	—	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	149	—	—	1.00E-01	mg/L	—	—	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	183	—	—	4.50E-02	mg/L	—	—	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	118	—	—	4.50E-02	mg/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	92.3	—	—	2.25E-01	mg/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	199	—	—	4.50E-02	mg/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	137	—	—	1.00E-01	mg/L	—	—	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	166	—	—	4.50E-02	mg/L	—	—	08-1767	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	116	—	—	4.50E-02	mg/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	94	—	—	2.25E-01	mg/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	194	—	—	9.00E-02	mg/L	—	—	136047	GU05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	987	—	—	1.00E+00	uS/cm	—	—	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	1110	—	—	1.00E+00	uS/cm	—	—	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	720	—	—	1.00E+00	uS/cm	—	—	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	731	—	—	1.00E+00	uS/cm	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	21800	—	—	1.00E+00	uS/cm	—	—	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.56	—	—	1.00E-01	mg/L	—	—	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.02	—	—	1.00E-01	mg/L	—	—	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.68	—	—	1.00E-01	mg/L	—	—	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.8	—	—	1.00E-01	mg/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.1	—	—	1.00E-01	mg/L	—	—	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	535	—	—	2.40E+00	mg/L	—	—	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	624	—	—	2.40E+00	mg/L	—	—	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	395	—	—	2.40E+00	mg/L	—	J	08-478	CALA-08-9734	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	431	—	—	2.38E+00	mg/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	1160	—	—	2.38E+00	mg/L	—	—	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.269	—	—	2.90E-02	mg/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.114	—	—	2.90E-02	mg/L	—	JN-	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.353	—	—	3.30E-02	mg/L	—	—	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.409	—	—	2.90E-02	mg/L	—	J	08-1766	CALA-08-13835	GELC
LAUZ-1	5361	5.35	01/11/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.172	—	—	2.90E-02	mg/L	—	—	08-478	CALA-08-9733	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.253	—	—	2.90E-02	mg/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.053	—	—	2.90E-02	mg/L	J	JN-	184483	GU070400G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	8.65	—	—	3.30E-01	mg/L	—	—	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	11.5	—	—	3.30E-01	mg/L	—	—	08-1766	CALA-08-13835	GELC
LAUZ-1	5361	5.35	01/11/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.5	—	—	3.30E-01	mg/L	—	—	08-478	CALA-08-9733	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	9.9	—	—	3.30E-01	mg/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.64	—	—	3.30E-01	mg/L	—	—	184483	GU070400G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.039	—	—	1.50E-02	mg/L	J	J	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.053	—	—	2.40E-02	mg/L	—	—	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.025	—	—	2.40E-02	mg/L	J	J	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.056	—	—	2.40E-02	mg/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.059	—	—	2.40E-02	mg/L	—	U	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.92	—	—	1.00E-02	SU	H	J-	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.1	—	—	1.00E-02	SU	H	J-	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.04	—	—	1.00E-02	SU	H	J-	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.99	—	—	1.00E-02	SU	H	J	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	04/17/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.02	—	—	1.00E-02	SU	H	J	184483	GF070400G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	159	—	—	1.00E+00	ug/L	—	—	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	150	—	—	1.00E+00	ug/L	—	J	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	101	—	—	1.00E+00	ug/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	198	—	—	1.00E+00	ug/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	117	—	—	1.00E+00	ug/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	157	—	—	1.00E+00	ug/L	—	—	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	158	—	—	1.00E+00	ug/L	—	J	08-1767	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	101	—	—	1.00E+00	ug/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	192	—	—	1.00E+00	ug/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	132	—	—	1.00E+00	ug/L	—	—	136047	GU05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	35.2	—	—	1.50E+01	ug/L	J	J	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	53.9	—	—	1.00E+01	ug/L	—	—	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	50.6	—	—	1.00E+01	ug/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	73.1	—	—	1.00E+01	ug/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	28.7	—	—	1.00E+01	ug/L	J	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	38.5	—	—	1.50E+01	ug/L	J	J	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	56.2	—	—	1.00E+01	ug/L	—	—	08-1767	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	50.5	—	—	1.00E+01	ug/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	69.9	—	—	1.00E+01	ug/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	28.4	—	—	1.00E+01	ug/L	J	—	136047	GU05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	1750	—	—	2.00E+00	ug/L	—	—	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	1900	—	—	2.00E+00	ug/L	—	—	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	727	—	—	2.00E+00	ug/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	64.3	—	—	2.00E+00	ug/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Metals	SW-846:6020	Manganese	—	320	—	—	1.00E+00	ug/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	1510	—	—	2.00E+00	ug/L	—	—	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2230	—	—	2.00E+00	ug/L	—	—	08-1767	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	725	—	—	2.00E+00	ug/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	93.3	—	—	2.00E+00	ug/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	UF	CS	—	Metals	SW-846:6020	Manganese	—	370	—	—	1.00E+00	ug/L	—	—	136047	GU05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.23	—	—	1.00E-01	ug/L	—	—	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.9	—	—	1.00E-01	ug/L	—	J	08-1767	CALA-08-13837	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	8.7	—	—	2.00E+00	ug/L	J	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	6.8	—	—	1.00E-01	ug/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.95	—	—	1.00E-01	ug/L	—	—	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4.8	—	—	1.00E-01	ug/L	—	J	08-1767	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	8.8	—	—	2.00E+00	ug/L	J	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.4	—	—	2.00E+00	ug/L	J	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	6.8	—	—	1.00E-01	ug/L	—	—	136047	GU05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	6.24	—	—	5.00E-01	ug/L	—	—	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	6.3	—	—	5.00E-01	ug/L	—	—	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.9	—	—	5.00E-01	ug/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.8	—	—	5.00E-01	ug/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Metals	SW-846:6010B	Nickel	—	2.5	—	—	1.00E+00	ug/L	J	JN-	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	6.01	—	—	5.00E-01	ug/L	—	—	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	6.5	—	—	5.00E-01	ug/L	—	—	08-1767	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	6.4	—	—	5.00E-01	ug/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4	—	—	5.00E-01	ug/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	—	3.5	—	—	1.00E+00	ug/L	J	JN-	136047	GU05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	22.5	—	—	5.30E-02	mg/L	—	—	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	26.4	—	—	3.20E-02	mg/L	—	—	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	17.7	—	—	3.20E-02	mg/L	—	—	08-478	CALA-08-9734	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	190	—	—	1.00E+00	ug/L	—	—	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	186	—	—	1.00E+00	ug/L	—	—	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	144	—	—	1.00E+00	ug/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	297	—	—	1.00E+00	ug/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	177	—	—	1.00E+00	ug/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	181	—	—	1.00E+00	ug/L	—	—	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	181	—	—	1.00E+00	ug/L	—	—	08-1767	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	142	—	—	1.00E+00	ug/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	283	—	—	1.00E+00	ug/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	195	—	—	1.00E+00	ug/L	—	—	136047	GU05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.46	—	—	5.00E-02	ug/L	—	J	09-2682	CALA-09-11118	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.87	—	—	5.00E-02	ug/L	—	—	08-1767	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.43	—	—	5.00E-02	ug/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	3.4	—	—	5.00E-02	ug/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	11/13/01	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.090000004	—	—	1.80E-02	ug/L	BE	J	218S	CA21-01-0024	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.554	—	—	5.00E-02	ug/L	—	J	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.84	—	—	5.00E-02	ug/L	—	—	08-1767	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.4	—	—	5.00E-02	ug/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3.2	—	—	5.00E-02	ug/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	11/13/01	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.330000013	—	—	1.80E-02	ug/L	BE	J	218S	CA21-01-0025	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0363	4.00E-03	3.30E-02	—	pCi/L	—	U	08-1768	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Rad	HASL-300	Americium-241	—	0.0743	4.67E-03	4.42E-02	—	pCi/L	—	J	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Rad	HASL-300	Americium-241	—	0.0725	6.97E-03	2.43E-02	—	pCi/L	—	J	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Rad	HASL-300	Americium-241	—	0.0552	4.03E-03	3.20E-02	—	pCi/L	—	J	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0221	5.00E-03	5.40E-02	—	pCi/L	U	U	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0284	2.77E-03	2.90E-02	—	pCi/L	U	U	08-1768	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	—	0.0586	4.27E-03	5.13E-02	—	pCi/L	—	J	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	—	0.0449	8.00E-03	3.93E-02	—	pCi/L	—	J	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.16	4.00E-01	4.50E+00	—	pCi/L	U	U	08-1768	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.04	4.33E-01	3.55E+00	—	pCi/L	U	U	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.994	8.80E-01	5.06E+00	—	pCi/L	U	U	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.15	2.45E-01	2.56E+00	—	pCi/L	U	U	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.322	4.00E-01	4.10E+00	—	pCi/L	U	U	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.704	4.33E-01	4.50E+00	—	pCi/L	U	U	08-1768	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.94	3.31E-01	3.66E+00	—	pCi/L	U	U	190721	GU070700G1ZL01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.23	3.27E-01	3.52E+00	—	pCi/L	U	U	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.5	5.33E-01	5.00E+00	—	pCi/L	U	U	08-1768	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.664	4.57E-01	4.69E+00	—	pCi/L	U	U	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.289	4.77E-01	5.17E+00	—	pCi/L	U	U	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.06	2.78E-01	2.87E+00	—	pCi/L	U	U	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.577	4.00E-01	3.70E+00	—	pCi/L	U	U	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.28	4.33E-01	4.50E+00	—	pCi/L	U	U	08-1768	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.765	3.77E-01	3.53E+00	—	pCi/L	U	U	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.35	3.28E-01	4.36E+00	—	pCi/L	U	U	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.679	2.70E-01	2.90E+00	—	pCi/L	U	U	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	106	3.37E+00	4.50E+00	—	pCi/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	163	1.09E+00	2.98E+00	—	pCi/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	107	1.01E+00	3.26E+00	—	pCi/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	92.1	2.63E+00	2.80E+00	—	pCi/L	—	—	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	106	3.25E+00	3.43E+00	—	pCi/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	206	2.67E+00	9.59E+00	—	pCi/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	11.5	2.63E+00	2.10E+01	—	pCi/L	U	U	08-1768	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	89.5	1.26E+02	2.93E+02	—	pCi/L	U	U	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	132	4.10E+01	4.33E+02	—	pCi/L	U	U	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	55	3.77E+01	2.50E+02	—	pCi/L	U	U	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	56.1	9.00E+00	6.70E+01	—	pCi/L	U	U	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	21.5	7.67E+00	4.80E+01	—	pCi/L	U	U	08-1768	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	79.7	3.67E+01	2.34E+02	—	pCi/L	U	U	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	86.6	5.67E+01	2.69E+02	—	pCi/L	U	U	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.77	3.17E+00	3.10E+01	—	pCi/L	U	U	08-1768	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	15.4	3.29E+00	3.34E+01	—	pCi/L	U	U	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.41	1.85E+00	1.90E+01	—	pCi/L	U	U	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.3	1.99E+00	1.73E+01	—	pCi/L	U	U	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.45	3.67E+00	3.80E+01	—	pCi/L	U	U	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.61	3.67E+00	3.40E+01	—	pCi/L	U	U	08-1768	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.7	3.05E+00	2.35E+01	—	pCi/L	U	U	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.1	2.54E+00	2.76E+01	—	pCi/L	U	U	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00803	4.33E-03	2.80E-02	—	pCi/L	U	U	08-1768	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00522	1.30E-03	3.34E-02	—	pCi/L	U	U	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00743	5.80E-03	3.57E-02	—	pCi/L	U	U	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00244	3.37E-03	5.10E-02	—	pCi/L	U	U	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.37E-03	2.70E-02	—	pCi/L	U	U	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00374	4.00E-03	2.60E-02	—	pCi/L	U	U	08-1768	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00858	1.90E-03	3.29E-02	—	pCi/L	U	U	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-8.92E-10	2.49E-03	3.59E-02	—	pCi/L	U	J+, U	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0221	2.93E-03	3.40E-02	—	pCi/L	U	U	08-1768	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0157	2.40E-03	3.06E-02	—	pCi/L	U	U	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0111	9.00E-03	4.16E-02	—	pCi/L	U	U	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0269	3.57E-03	4.30E-02	—	pCi/L	U	U	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00502	9.67E-04	3.30E-02	—	pCi/L	U	U	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0206	3.00E-03	3.20E-02	—	pCi/L	U	U	08-1768	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.024	2.58E-03	3.02E-02	—	pCi/L	U	U	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0299	4.33E-03	4.19E-02	—	pCi/L	U	U, J+	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-29.7	5.67E+00	4.90E+01	—	pCi/L	U	U	08-1768	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	1.33	6.50E+00	6.66E+01	—	pCi/L	U	U	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	12.5	5.20E+00	5.92E+01	—	pCi/L	U	U	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	7.16	5.90E+00	2.58E+01	—	pCi/L	U	U	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	29.1	6.67E+00	4.50E+01	—	pCi/L	U	U	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	10.5	6.67E+00	6.80E+01	—	pCi/L	U	U	08-1768	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	17.4	4.87E+00	3.27E+01	—	pCi/L	U	U	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	28.9	5.50E+00	3.91E+01	—	pCi/L	U	U	168446	GU060700G1ZL01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	<	0.378	6.43E-02	6.00E-01	—	pCi/L	U	U	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	05/22/02	WG	F	CS	—	Rad	EPA:901.1	Radium-226	<	4.87	1.50E+00	7.30E+00	—	pCi/L	U	U	808S	CA21-02-45090	GEL
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.13	8.33E-02	2.70E-01	—	pCi/L	—	—	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.272	4.67E-02	4.40E-01	—	pCi/L	U	U	08-1768	CALA-08-13835	GELC
LAUZ-1	5361	5.35	01/11/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.397	7.00E-02	6.40E-01	—	pCi/L	U	U	08-478	CALA-08-9733	GELC
LAUZ-1	5361	5.35	05/22/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	2.93	1.17E+00	5.50E+00	—	pCi/L	U	U	808S	CA21-02-45091	GEL
LAUZ-1	5361	5.35	05/22/02	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	10.8	1.07E+00	1.20E+01	—	pCi/L	U	U	808S	CA21-02-45090	GEL
LAUZ-1	5361	5.35	11/13/01	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	7.16	1.06E+00	1.23E+01	—	pCi/L	—	U	222S	CA21-01-0024	GEL
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.344	6.33E-02	6.10E-01	—	pCi/L	U	U	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.296	6.00E-02	5.70E-01	—	pCi/L	U	U	08-1768	CALA-08-13835	GELC
LAUZ-1	5361	5.35	01/11/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.734	6.00E-02	3.80E-01	—	pCi/L	—	—	08-478	CALA-08-9733	GELC
LAUZ-1	5361	5.35	05/22/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	7.8	1.63E+00	1.10E+01	—	pCi/L	U	U	808S	CA21-02-45091	GEL
LAUZ-1	5361	5.35	11/13/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	-3.03	1.04E+00	1.03E+01	—	pCi/L	—	U	222S	CA21-01-0025	GEL
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.899	5.00E-01	4.80E+00	—	pCi/L	U	U	08-1768	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.54	4.40E-01	4.78E+00	—	pCi/L	U	U	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.33	4.57E-01	4.44E+00	—	pCi/L	U	U	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.39	2.94E-01	2.67E+00	—	pCi/L	U	U	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.368	3.67E-01	3.70E+00	—	pCi/L	U	U	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.01	4.33E-01	4.20E+00	—	pCi/L	U	U	08-1768	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.558	3.73E-01	3.74E+00	—	pCi/L	U	U	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.33	2.35E-01	2.25E+00	—	pCi/L	U	U	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	66	3.67E+00	2.00E+01	—	pCi/L	—	—	08-1768	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	43.2	1.17E+00	4.23E-01	—	pCi/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	60	3.63E-01	2.42E-01	—	pCi/L	—	—	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	71.5	4.20E-01	3.12E-01	—	pCi/L	—	—	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	49.2	1.33E+00	3.70E-01	—	pCi/L	—	—	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	46.6	3.17E+00	2.00E+01	—	pCi/L	—	—	08-1768	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	44.5	1.20E+00	3.15E-01	—	pCi/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	66.7	3.15E-01	2.81E-01	—	pCi/L	—	—	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	2.27	5.00E-02	6.40E-02	—	pCi/L	—	—	08-1768	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.98	4.53E-02	3.42E-02	—	pCi/L	—	—	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	4.59	1.13E-01	1.02E-01	—	pCi/L	—	J+	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.39	3.40E-02	1.09E-01	—	pCi/L	—	J	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.59	5.00E-02	1.70E-01	—	pCi/L	—	J+	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	2.31	5.00E-02	6.20E-02	—	pCi/L	—	—	08-1768	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	2.08	4.70E-02	3.32E-02	—	pCi/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	5.05	1.34E-01	1.31E-01	—	pCi/L	—	J+	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.157	7.00E-03	3.40E-02	—	pCi/L	—	—	08-1768	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0665	5.30E-03	2.88E-02	—	pCi/L	—	J	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.245	1.45E-02	8.66E-02	—	pCi/L	—	J+, J	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.222	1.02E-02	6.60E-02	—	pCi/L	—	J	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0899	8.33E-03	8.50E-02	—	pCi/L	—	J+	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.132	6.33E-03	3.30E-02	—	pCi/L	—	—	08-1768	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.126	6.87E-03	2.79E-02	—	pCi/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.201	1.78E-02	1.11E-01	—	pCi/L	—	J, J+	168446	GU060700G1ZL01	GELC
LAUZ-1	5361	5.35	08/25/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.285	9.33E-03	3.40E-02	—	pCi/L	—	—	08-1768	CALA-08-13837	GELC
LAUZ-1	5361	5.35	08/01/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.13	6.77E-03	4.61E-02	—	pCi/L	—	J	190721	GF070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	1.01	3.31E-02	1.09E-01	—	pCi/L	—	J+	168446	GF060700G1ZL01	GELC
LAUZ-1	5361	5.35	05/03/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.118	8.07E-03	7.70E-02	—	pCi/L	—	J	136047	GF05050G1ZL01	GELC
LAUZ-1	5361	5.35	07/17/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.123	9.33E-03	8.60E-02	—	pCi/L	—	J+	09-2682	CALA-09-11117	GELC
LAUZ-1	5361	5.35	08/25/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.287	9.33E-03	3.20E-02	—	pCi/L	—	—	08-1768	CALA-08-13835	GELC
LAUZ-1	5361	5.35	08/01/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.168	7.73E-03	4.46E-02	—	pCi/L	—	—	190721	GU070700G1ZL01	GELC
LAUZ-1	5361	5.35	08/02/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.14	4.13E-02	1.39E-01	—	pCi/L	—	J+	168446	GU060700G1ZL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	164	—	—	7.30E-01	mg/L	—	—	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	159	—	—	7.30E-01	mg/L	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	165	—	—	7.30E-01	mg/L	—	—	08-1791	CALA-08-13929	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LLAO-4	5661	5.24	01/25/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	175	—	—	7.30E-01	mg/L	—	—	08-578	CALA-08-9758	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	174	—	—	7.25E-01	mg/L	—	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.038	—	—	1.60E-02	mg/L	J	J-	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	01/25/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-578	CALA-08-9758	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.15	—	—	1.50E-01	mg/L	U	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.133	—	—	6.60E-02	mg/L	J	J	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.192	—	—	6.70E-02	mg/L	J	J	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.169	—	—	6.70E-02	mg/L	J	J	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	01/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.191	—	—	6.60E-02	mg/L	J	J	08-578	CALA-08-9758	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.195	—	—	6.60E-02	mg/L	J	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	48.9	—	—	5.00E-02	mg/L	—	—	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	51.3	—	—	3.00E-02	mg/L	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	52	—	—	3.00E-02	mg/L	—	—	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	57.2	—	—	3.00E-02	mg/L	—	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	49.7	—	—	5.00E-02	mg/L	—	—	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	53	—	—	3.00E-02	mg/L	—	—	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	48	—	—	3.00E-02	mg/L	—	—	08-1791	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	56.5	—	—	3.00E-02	mg/L	—	—	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	29.7	—	—	3.30E-01	mg/L	—	—	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	34.5	—	—	3.30E-01	mg/L	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	28.1	—	—	3.30E-01	mg/L	—	—	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	01/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	38.5	—	—	3.30E-01	mg/L	—	—	08-578	CALA-08-9758	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	39.3	—	—	3.30E-01	mg/L	—	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.51	—	—	3.30E-02	mg/L	—	—	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.44	—	—	3.30E-02	mg/L	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.459	—	—	3.30E-02	mg/L	—	—	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	01/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.392	—	—	3.30E-02	mg/L	—	—	08-578	CALA-08-9758	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.374	—	—	3.30E-02	mg/L	—	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	144	—	—	3.50E-01	mg/L	—	—	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	149	—	—	3.50E-01	mg/L	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	151	—	—	3.50E-01	mg/L	—	—	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	167	—	—	4.25E-01	mg/L	—	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	146	—	—	3.50E-01	mg/L	—	—	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	154	—	—	3.50E-01	mg/L	—	—	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	141	—	—	3.50E-01	mg/L	—	—	08-1791	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	165	—	—	4.25E-01	mg/L	—	—	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.35	—	—	8.50E-02	mg/L	—	—	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.05	—	—	8.50E-02	mg/L	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.17	—	—	8.50E-02	mg/L	E	—	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.86	—	—	8.50E-02	mg/L	—	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.29	—	—	8.50E-02	mg/L	—	—	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.36	—	—	8.50E-02	mg/L	—	—	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.15	—	—	8.50E-02	mg/L	E	—	08-1791	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.78	—	—	8.50E-02	mg/L	—	—	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0524	—	—	5.00E-02	ug/L	J	J	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.092	—	—	5.00E-02	ug/L	J	J	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0701	—	—	5.00E-02	ug/L	J	J	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	01/25/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.2	—	—	5.00E-02	ug/L	U	U	08-578	CALA-08-9758	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.05	—	—	5.00E-02	ug/L	U	UJ	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.13	—	—	5.00E-02	mg/L	—	—	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.86	—	—	5.00E-02	mg/L	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.25	—	—	5.00E-02	mg/L	—	—	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.24	—	—	5.00E-02	mg/L	—	—	190192	GF070700G4LL01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.17	—	—	5.00E-02	mg/L	—	—	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.99	—	—	5.00E-02	mg/L	—	—	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.92	—	—	5.00E-02	mg/L	—	—	08-1791	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.13	—	—	5.00E-02	mg/L	—	—	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	66.3	—	—	3.20E-02	mg/L	—	J	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	41.5	—	—	1.00E-01	mg/L	—	—	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	41	—	—	4.50E-02	mg/L	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	40.7	—	—	4.50E-02	mg/L	—	—	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	48.7	—	—	4.50E-02	mg/L	E	J	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	42.1	—	—	1.00E-01	mg/L	—	—	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	42.6	—	—	4.50E-02	mg/L	—	—	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	37.5	—	—	4.50E-02	mg/L	—	—	08-1791	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	47.8	—	—	4.50E-02	mg/L	E	J	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	445	—	—	1.00E+00	uS/cm	—	—	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	473	—	—	1.00E+00	uS/cm	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	482	—	—	1.00E+00	uS/cm	—	—	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	01/25/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	509	—	—	1.00E+00	uS/cm	—	—	08-578	CALA-08-9758	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	549	—	—	1.00E+00	uS/cm	—	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	20.3	—	—	1.00E-01	mg/L	—	—	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	25.2	—	—	1.00E-01	mg/L	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	21.1	—	—	1.00E-01	mg/L	—	J-	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	01/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	23.3	—	—	1.00E-01	mg/L	—	—	08-578	CALA-08-9758	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	21.3	—	—	1.00E-01	mg/L	—	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	306	—	—	2.40E+00	mg/L	—	—	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	307	—	—	2.40E+00	mg/L	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	324	—	—	2.40E+00	mg/L	—	—	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	01/25/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	338	—	—	2.40E+00	mg/L	—	—	08-578	CALA-08-9758	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	348	—	—	2.38E+00	mg/L	—	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.048	—	—	2.90E-02	mg/L	J	JN-	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.061	—	—	3.30E-02	mg/L	J	J-	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	U	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	UJ	08-1790	CALA-08-13928	GELC
LLAO-4	5661	5.24	01/25/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.042	—	—	2.90E-02	mg/L	J	J	08-578	CALA-08-9759	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.697	—	—	3.30E-01	mg/L	J	J	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.19	—	—	3.30E-01	mg/L	—	—	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.382	—	—	3.30E-01	mg/L	J	J	08-1790	CALA-08-13928	GELC
LLAO-4	5661	5.24	01/25/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.24	—	—	3.30E-01	mg/L	—	—	08-578	CALA-08-9759	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.19	—	—	3.30E-01	mg/L	—	—	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.09	—	—	1.00E-02	SU	H	J-	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.1	—	—	1.00E-02	SU	H	J-	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.31	—	—	1.00E-02	SU	H	J-	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	01/25/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.2	—	—	1.00E-02	SU	H	J-	08-578	CALA-08-9758	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.05	—	—	1.00E-02	SU	H	J	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.23	—	—	1.50E+00	ug/L	J	J	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.9	—	—	1.50E+00	ug/L	J	J	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	8	—	—	1.50E+00	ug/L	—	U	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.82	—	—	1.50E+00	ug/L	J	J	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.6	—	—	1.50E+00	ug/L	J	J	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1791	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	9.7	—	—	1.50E+00	ug/L	—	U	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	144	—	—	1.00E+00	ug/L	—	—	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	149	—	—	1.00E+00	ug/L	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	151	—	—	1.00E+00	ug/L	—	—	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	181	—	—	1.00E+00	ug/L	—	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	148	—	—	1.00E+00	ug/L	—	—	09-2571	CALA-09-11202	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	154	—	—	1.00E+00	ug/L	—	—	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	146	—	—	1.00E+00	ug/L	—	—	08-1791	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	178	—	—	1.00E+00	ug/L	—	—	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	87.8	—	—	1.50E+01	ug/L	—	—	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	73.7	—	—	1.00E+01	ug/L	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	83.7	—	—	1.00E+01	ug/L	—	—	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	91.5	—	—	1.00E+01	ug/L	—	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	87.6	—	—	1.50E+01	ug/L	—	—	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	75.7	—	—	1.00E+01	ug/L	—	—	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	83.1	—	—	1.00E+01	ug/L	—	—	08-1791	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	89.4	—	—	1.00E+01	ug/L	—	—	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.01	—	—	1.00E-01	ug/L	—	—	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	1.00E-01	ug/L	—	U	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.3	—	—	2.00E+00	ug/L	J	U	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.951	—	—	1.00E-01	ug/L	—	—	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	—	—	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1	—	—	1.00E-01	ug/L	—	U	08-1791	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.21	—	—	5.00E-01	ug/L	J	J	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	5.00E-01	ug/L	J	J	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.3	—	—	5.00E-01	ug/L	—	—	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.1	—	—	5.00E-01	ug/L	—	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.07	—	—	5.00E-01	ug/L	J	J	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	5.00E-01	ug/L	J	J	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.2	—	—	5.00E-01	ug/L	—	—	08-1791	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.5	—	—	5.00E-01	ug/L	—	—	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	60	—	—	5.30E-02	mg/L	—	—	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.5	—	—	3.20E-02	mg/L	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	60.1	—	—	3.20E-02	mg/L	—	—	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	01/25/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	54.8	—	—	3.20E-02	mg/L	—	—	08-578	CALA-08-9758	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	436	—	—	1.00E+00	ug/L	—	—	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	420	—	—	1.00E+00	ug/L	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	435	—	—	1.00E+00	ug/L	—	—	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	507	—	—	1.00E+00	ug/L	—	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	442	—	—	1.00E+00	ug/L	—	—	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	435	—	—	1.00E+00	ug/L	—	—	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	401	—	—	1.00E+00	ug/L	—	—	08-1791	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	502	—	—	1.00E+00	ug/L	—	—	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.17	—	—	5.00E-02	ug/L	—	—	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	ug/L	—	J	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	—	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.15	—	—	5.00E-02	ug/L	—	—	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.4	—	—	5.00E-02	ug/L	—	J	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	08-1791	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.3	—	—	5.00E-02	ug/L	—	—	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.35	—	—	1.00E+00	ug/L	—	—	09-2571	CALA-09-11201	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.6	—	—	1.00E+00	ug/L	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	9	—	—	1.00E+00	ug/L	—	U	08-1791	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	12.7	—	—	1.00E+00	ug/L	—	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.4	—	—	1.00E+00	ug/L	—	—	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8	—	—	1.00E+00	ug/L	—	—	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	10.7	—	—	1.00E+00	ug/L	—	U	08-1791	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	15.3	—	—	1.00E+00	ug/L	—	—	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00877	2.00E-03	3.40E-02	—	pCi/L	U	U	09-592	CALA-09-1714	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00606	1.13E-03	2.60E-02	—	pCi/L	U	U	08-1792	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0011	8.10E-04	3.25E-02	—	pCi/L	U	U	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000892	4.00E-03	3.40E-02	—	pCi/L	U	U	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0156	3.10E-03	2.90E-02	—	pCi/L	U	U	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0125	2.53E-03	2.70E-02	—	pCi/L	U	U	08-1792	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0012	6.63E-04	3.20E-02	—	pCi/L	U	U	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.149	4.33E-01	4.50E+00	—	pCi/L	U	U	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.57	4.33E-01	4.70E+00	—	pCi/L	U	U	08-1792	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.318	5.50E-01	4.59E+00	—	pCi/L	U	U	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.744	5.33E-01	5.00E+00	—	pCi/L	U	U	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.02	4.67E-01	5.10E+00	—	pCi/L	U	U	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.64	4.00E-01	4.20E+00	—	pCi/L	U	U	08-1792	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.667	3.70E-01	3.77E+00	—	pCi/L	U	U	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.217	4.00E-01	3.80E+00	—	pCi/L	U	U	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.23	5.00E-01	5.10E+00	—	pCi/L	U	U	08-1792	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.25	4.83E-01	4.10E+00	—	pCi/L	U	U	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.858	5.00E-01	5.30E+00	—	pCi/L	U	U	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.593	4.67E-01	4.80E+00	—	pCi/L	U	U	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.864	4.67E-01	4.30E+00	—	pCi/L	U	U	08-1792	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.952	3.83E-01	4.05E+00	—	pCi/L	U	U	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	16.3	8.33E-01	2.20E+00	—	pCi/L	—	—	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.15	3.09E-01	2.94E+00	—	pCi/L	U	U	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	08/09/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.868	1.26E-01	1.21E+00	—	pCi/L	U	U	169116	GF060700G4LL01	GELC
LLAO-4	5661	5.24	05/11/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.67	2.64E-01	2.80E+00	—	pCi/L	—	J	136542	GF05050G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.12	2.83E-01	2.60E+00	—	pCi/L	U	U	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.2	2.69E-01	2.16E+00	—	pCi/L	—	J	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	08/09/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.64	2.05E-01	1.89E+00	—	pCi/L	—	J	169116	GU060700G4LL01	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	71.5	1.50E+01	7.60E+01	—	pCi/L	U	U	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	18.7	5.00E+00	3.20E+01	—	pCi/L	U	U	08-1792	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	61.7	1.72E+01	2.49E+02	—	pCi/L	U	U	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	152	2.43E+01	1.00E+02	—	pCi/L	—	U	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	78.4	8.00E+00	9.50E+01	—	pCi/L	U	U	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	9.25	5.00E+00	1.40E+01	—	pCi/L	U	U	08-1792	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	85.7	2.21E+01	2.39E+02	—	pCi/L	U	U	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.7	3.67E+00	3.70E+01	—	pCi/L	U	U	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11	3.67E+00	3.30E+01	—	pCi/L	U	U	08-1792	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.18	4.00E+00	3.72E+01	—	pCi/L	U	U	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	31.7	5.33E+00	4.40E+01	—	pCi/L	U	U	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.49	3.67E+00	3.50E+01	—	pCi/L	U	U	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.85	2.80E+00	2.60E+01	—	pCi/L	U	U	08-1792	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.1	2.85E+00	2.57E+01	—	pCi/L	U	U	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0354	6.00E-03	6.00E-02	—	pCi/L	U	U	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00166	5.67E-04	2.30E-02	—	pCi/L	U	U	08-1792	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00472	2.22E-03	3.30E-02	—	pCi/L	U	U	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.33E-03	3.20E-02	—	pCi/L	U	U	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00547	4.00E-03	4.20E-02	—	pCi/L	U	U	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00194	3.67E-03	2.70E-02	—	pCi/L	U	U	08-1792	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00175	1.75E-03	2.45E-02	—	pCi/L	U	U	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0118	3.33E-03	7.00E-02	—	pCi/L	U	U	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00498	1.23E-03	2.80E-02	—	pCi/L	U	U	08-1792	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00236	2.36E-03	3.66E-02	—	pCi/L	U	U	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00198	1.97E-03	3.90E-02	—	pCi/L	U	U	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0109	2.23E-03	4.90E-02	—	pCi/L	U	U	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00194	2.13E-03	3.30E-02	—	pCi/L	U	U	08-1792	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	8.27E-04	2.72E-02	—	pCi/L	U	U	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-36.5	6.33E+00	5.80E+01	—	pCi/L	U	U	09-592	CALA-09-1714	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	42	6.33E+00	4.20E+01	—	pCi/L	U	U	08-1792	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	35.8	6.17E+00	6.84E+01	—	pCi/L	U	U	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14.7	6.67E+00	6.80E+01	—	pCi/L	U	U	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.1	5.67E+00	5.70E+01	—	pCi/L	U	U	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0.134	5.67E+00	5.70E+01	—	pCi/L	U	U	08-1792	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-14.2	4.77E+00	4.03E+01	—	pCi/L	U	U	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	05/11/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	<	0.433	5.37E-02	4.58E-01	—	pCi/L	U	U	136542	GF05050G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.514	4.33E-02	2.20E-01	—	pCi/L	—	—	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.423	6.00E-02	5.30E-01	—	pCi/L	U	U	08-1792	CALA-08-13928	GELC
LLAO-4	5661	5.24	01/25/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.108	2.80E-02	2.90E-01	—	pCi/L	U	U	08-578	CALA-08-9759	GELC
LLAO-4	5661	5.24	06/27/00	WG	UF	CS	—	Rad	Gamma Spec	Radium-226	<	-90	4.17E+01	5.70E+01	—	pCi/L	U	U	6956R	CALA-00-0043	PARA
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.956	8.33E-02	5.40E-01	—	pCi/L	—	—	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.667	6.67E-02	5.10E-01	—	pCi/L	—	—	08-1792	CALA-08-13928	GELC
LLAO-4	5661	5.24	01/25/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.49	7.67E-02	7.30E-01	—	pCi/L	U	U	08-578	CALA-08-9759	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.921	3.67E-01	3.50E+00	—	pCi/L	U	U	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.284	4.33E-01	4.30E+00	—	pCi/L	U	U	08-1792	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.82	5.80E-01	5.51E+00	—	pCi/L	U	U	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.6	5.33E-01	4.50E+00	—	pCi/L	U	U	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.793	4.67E-01	4.30E+00	—	pCi/L	U	U	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.42	4.00E-01	3.60E+00	—	pCi/L	U	U	08-1792	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.4	3.33E-01	2.87E+00	—	pCi/L	U	U	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.199	4.00E-02	4.90E-01	—	pCi/L	U	U	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0929	4.33E-02	4.40E-01	—	pCi/L	U	U	08-1792	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.069	4.23E-02	4.88E-01	—	pCi/L	U	U	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.127	4.67E-02	4.90E-01	—	pCi/L	U	U	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.194	5.00E-02	4.90E-01	—	pCi/L	U	U	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.122	4.33E-02	4.70E-01	—	pCi/L	U	U	08-1792	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.122	4.50E-02	4.94E-01	—	pCi/L	U	U	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.753	2.53E-02	1.30E-01	—	pCi/L	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.625	1.80E-02	8.30E-02	—	pCi/L	—	—	08-1792	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.736	2.15E-02	4.18E-02	—	pCi/L	—	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.764	2.40E-02	1.10E-01	—	pCi/L	—	—	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.651	2.30E-02	1.40E-01	—	pCi/L	—	—	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.691	1.73E-02	5.80E-02	—	pCi/L	—	—	08-1792	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.688	2.04E-02	3.95E-02	—	pCi/L	—	—	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0271	4.67E-03	6.60E-02	—	pCi/L	U	U	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0327	3.67E-03	4.40E-02	—	pCi/L	U	U	08-1792	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0362	3.90E-03	5.59E-02	—	pCi/L	U	U	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0252	3.67E-03	5.50E-02	—	pCi/L	U	U	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0377	4.67E-03	6.90E-02	—	pCi/L	U	U	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.042	3.67E-03	3.10E-02	—	pCi/L	—	—	08-1792	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0137	4.57E-03	5.29E-02	—	pCi/L	U	U	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	01/08/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.428	1.67E-02	6.90E-02	—	pCi/L	—	—	09-592	CALA-09-1714	GELC
LLAO-4	5661	5.24	08/27/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.382	1.27E-02	4.30E-02	—	pCi/L	—	—	08-1792	CALA-08-13929	GELC
LLAO-4	5661	5.24	07/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.457	1.52E-02	5.57E-02	—	pCi/L	—	—	190192	GF070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.441	1.60E-02	5.50E-02	—	pCi/L	—	—	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.434	1.73E-02	7.20E-02	—	pCi/L	—	—	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.389	1.13E-02	3.10E-02	—	pCi/L	—	—	08-1792	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.399	1.43E-02	5.26E-02	—	pCi/L	—	—	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	07/08/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.32	—	—	3.00E-01	ug/L	J	J	09-2571	CALA-09-11202	GELC
LLAO-4	5661	5.24	01/08/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-592	CALA-09-1715	GELC
LLAO-4	5661	5.24	08/27/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	UJ	08-1790	CALA-08-13928	GELC
LLAO-4	5661	5.24	07/23/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	190192	GU070700G4LL01	GELC
LLAO-4	5661	5.24	08/09/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	169116	GU060700G4LL01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	85.4	—	—	7.30E-01	mg/L	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	85.4	—	—	7.30E-01	mg/L	—	—	09-2595	CALA-09-11191	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	83.5	—	—	7.30E-01	mg/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	85.9	—	—	7.30E-01	mg/L	—	—	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.5	—	—	7.30E-01	mg/L	—	—	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.1	—	—	7.25E-01	mg/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Geninorg	EPA:300.0	Bromide	—	0.254	—	—	6.60E-02	mg/L	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.253	—	—	6.60E-02	mg/L	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.291	—	—	6.70E-02	mg/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.27	—	—	6.70E-02	mg/L	—	—	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.276	—	—	6.60E-02	mg/L	—	—	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.325	—	—	6.60E-02	mg/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	35.1	—	—	5.00E-02	mg/L	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.8	—	—	5.00E-02	mg/L	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	33.8	—	—	3.00E-02	mg/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	33.3	—	—	3.00E-02	mg/L	—	—	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	34.8	—	—	3.00E-02	mg/L	—	—	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	33.5	—	—	3.00E-02	mg/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	34.5	—	—	5.00E-02	mg/L	—	—	09-2595	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.1	—	—	5.00E-02	mg/L	—	—	09-2595	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	34.4	—	—	3.00E-02	mg/L	—	—	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	33.2	—	—	3.00E-02	mg/L	—	—	08-1767	CALA-08-13923	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.1	—	—	3.00E-02	mg/L	—	—	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	33.4	—	—	3.00E-02	mg/L	—	—	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	19.6	—	—	6.60E-02	mg/L	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.6	—	—	6.60E-02	mg/L	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.3	—	—	1.30E-01	mg/L	—	J+	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19	—	—	6.60E-02	mg/L	—	—	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19	—	—	6.60E-02	mg/L	—	—	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.4	—	—	6.60E-02	mg/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.961	—	—	3.30E-02	mg/L	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.956	—	—	3.30E-02	mg/L	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.922	—	—	3.30E-02	mg/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.895	—	—	3.30E-02	mg/L	—	—	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.87	—	—	3.30E-02	mg/L	—	—	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.847	—	—	3.30E-02	mg/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	124	—	—	3.50E-01	mg/L	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	126	—	—	3.50E-01	mg/L	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	119	—	—	3.50E-01	mg/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	117	—	—	3.50E-01	mg/L	—	—	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	121	—	—	4.30E-01	mg/L	—	—	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	117	—	—	4.25E-01	mg/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	123	—	—	3.50E-01	mg/L	—	—	09-2595	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	124	—	—	3.50E-01	mg/L	—	—	09-2595	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	122	—	—	3.50E-01	mg/L	—	—	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	118	—	—	3.50E-01	mg/L	—	—	08-1767	CALA-08-13923	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	122	—	—	4.30E-01	mg/L	—	—	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	117	—	—	4.25E-01	mg/L	—	—	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	8.81	—	—	8.50E-02	mg/L	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.97	—	—	8.50E-02	mg/L	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.52	—	—	8.50E-02	mg/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.19	—	—	8.50E-02	mg/L	—	—	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.31	—	—	8.50E-02	mg/L	—	—	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.15	—	—	8.50E-02	mg/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	8.92	—	—	8.50E-02	mg/L	—	—	09-2595	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.71	—	—	8.50E-02	mg/L	—	—	09-2595	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.7	—	—	8.50E-02	mg/L	—	—	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.59	—	—	8.50E-02	mg/L	—	—	08-1767	CALA-08-13923	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.38	—	—	8.50E-02	mg/L	—	—	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.24	—	—	8.50E-02	mg/L	—	—	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	3.08	—	—	1.00E-01	mg/L	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.94	—	—	1.00E-01	mg/L	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.82	—	—	1.00E-01	mg/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	3.05	—	—	1.00E-01	mg/L	—	J	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	3.44	—	—	1.00E-01	mg/L	—	—	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.91	—	—	1.00E-01	mg/L	—	J	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	1.64	—	—	1.00E-01	ug/L	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	1.65	—	—	1.00E-01	ug/L	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	1.6	—	—	2.00E-01	ug/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	1.44	—	—	2.00E-01	ug/L	—	—	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	1.62	—	—	1.00E-01	ug/L	—	—	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	1.44	—	—	1.00E-01	ug/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.94	—	—	5.00E-02	mg/L	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.06	—	—	5.00E-02	mg/L	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.04	—	—	5.00E-02	mg/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.96	—	—	5.00E-02	mg/L	—	—	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.69	—	—	5.00E-02	mg/L	E	—	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.85	—	—	5.00E-02	mg/L	E	J	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.8	—	—	5.00E-02	mg/L	—	—	09-2595	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.96	—	—	5.00E-02	mg/L	—	—	09-2595	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.14	—	—	5.00E-02	mg/L	—	—	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.02	—	—	5.00E-02	mg/L	—	—	08-1767	CALA-08-13923	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.69	—	—	5.00E-02	mg/L	E	J	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.88	—	—	5.00E-02	mg/L	E	J	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	36.4	—	—	3.20E-02	mg/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	17.9	—	—	1.00E-01	mg/L	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.5	—	—	1.00E-01	mg/L	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.6	—	—	4.50E-02	mg/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.2	—	—	4.50E-02	mg/L	—	—	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.1	—	—	4.50E-02	mg/L	—	—	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.2	—	—	4.50E-02	mg/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	13.9	—	—	1.00E-01	mg/L	—	—	09-2595	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.8	—	—	1.00E-01	mg/L	—	—	09-2595	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.7	—	—	4.50E-02	mg/L	—	—	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.8	—	—	4.50E-02	mg/L	—	—	08-1767	CALA-08-13923	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.1	—	—	4.50E-02	mg/L	—	—	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.1	—	—	4.50E-02	mg/L	—	—	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	330	—	—	1.00E+00	uS/cm	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	331	—	—	1.00E+00	uS/cm	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	331	—	—	1.00E+00	uS/cm	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	343	—	—	1.00E+00	uS/cm	—	—	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	332	—	—	1.00E+00	uS/cm	—	—	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	351	—	—	1.00E+00	uS/cm	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	34.8	—	—	1.00E-01	mg/L	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	34.8	—	—	1.00E-01	mg/L	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	37.6	—	—	1.00E-01	mg/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	34.6	—	—	1.00E-01	mg/L	—	—	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	34.5	—	—	1.00E-01	mg/L	—	—	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	34	—	—	1.00E-01	mg/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	3.89	—	—	1.10E+00	mg/L	J	J	09-2595	CALA-09-11189	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2.6	—	—	1.10E+00	mg/L	J	J	08-1767	CALA-08-13923	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	10.9	—	—	2.50E+00	mg/L	U	U	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2	—	—	1.14E+00	mg/L	J	—	190642	GU070700GLAS01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos Spring	—	—	04/26/07	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	1.2	—	—	1.14E+00	mg/L	J	—	185087	GU070400GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	226	—	—	2.40E+00	mg/L	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	230	—	—	2.40E+00	mg/L	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	216	—	—	2.40E+00	mg/L	—	J	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	220	—	—	2.40E+00	mg/L	—	J	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	220	—	—	2.40E+00	mg/L	—	J	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	217	—	—	2.38E+00	mg/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	0.463	—	—	3.30E-01	mg/L	J	J	09-2595	CALA-09-11192	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.737	—	—	3.30E-01	mg/L	J	J	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	08-1766	CALA-08-13923	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.774	—	—	3.30E-01	mg/L	J	J	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1.01	—	—	3.30E-01	mg/L	—	U	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.88	—	—	1.00E-02	SU	H	J-	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.88	—	—	1.00E-02	SU	H	J-	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.12	—	—	1.00E-02	SU	H	J-	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.73	—	—	1.00E-02	SU	H	J-	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.72	—	—	1.00E-02	SU	H	J-	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	118	—	—	6.80E+01	ug/L	J	J	09-2595	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	205	—	—	6.80E+01	ug/L	—	—	09-2595	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	412	—	—	6.80E+01	ug/L	—	—	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	126	—	—	6.80E+01	ug/L	J	J	08-1767	CALA-08-13923	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	40.9	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	41.4	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.4	—	—	1.00E+00	ug/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.3	—	—	1.00E+00	ug/L	—	J	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	38.8	—	—	1.00E+00	ug/L	—	J	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	41.3	—	—	1.00E+00	ug/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	42.4	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	42.8	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	42	—	—	1.00E+00	ug/L	—	—	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	43	—	—	1.00E+00	ug/L	—	J	08-1767	CALA-08-13923	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	38.9	—	—	1.00E+00	ug/L	—	J	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	41.5	—	—	1.00E+00	ug/L	—	—	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	21.3	—	—	1.50E+01	ug/L	J	J	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.8	—	—	1.50E+01	ug/L	J	J	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	24	—	—	1.00E+01	ug/L	J	U	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	14	—	—	1.00E+01	ug/L	J	J	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.5	—	—	1.00E+01	ug/L	J	J	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	23.7	—	—	1.00E+01	ug/L	J	U	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	22.2	—	—	1.50E+01	ug/L	J	J	09-2595	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21.6	—	—	1.50E+01	ug/L	J	J	09-2595	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	25.2	—	—	1.00E+01	ug/L	J	U	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	14	—	—	1.00E+01	ug/L	J	J	08-1767	CALA-08-13923	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.2	—	—	1.00E+01	ug/L	J	J	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	22	—	—	1.00E+01	ug/L	J	U	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	4.99	—	—	2.50E+00	ug/L	J	J	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.34	—	—	2.50E+00	ug/L	J	J	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.3	—	—	1.50E+00	ug/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5	—	—	1.50E+00	ug/L	—	—	08-1767	CALA-08-13922	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.9	—	—	2.50E+00	ug/L	J	J	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.3	—	—	1.00E+00	ug/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	6.21	—	—	2.50E+00	ug/L	J	J	09-2595	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.7	—	—	2.50E+00	ug/L	J	J	09-2595	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.5	—	—	1.50E+00	ug/L	—	—	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6	—	—	1.50E+00	ug/L	—	—	08-1767	CALA-08-13923	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.9	—	—	2.50E+00	ug/L	J	J	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.4	—	—	1.00E+00	ug/L	—	—	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	70.5	—	—	2.50E+01	ug/L	J	J	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	UJ	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	101	—	—	3.00E+01	ug/L	—	—	09-2595	CALA-09-11192	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	363	—	—	2.50E+01	ug/L	—	—	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	77.7	—	—	2.50E+01	ug/L	J	J	08-1767	CALA-08-13923	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	46.9	—	—	2.50E+01	ug/L	J	JN-	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.43	—	—	1.00E-01	ug/L	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.47	—	—	1.00E-01	ug/L	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.5	—	—	1.00E-01	ug/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.6	—	—	1.00E-01	ug/L	—	U	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.45	—	—	1.00E-01	ug/L	—	—	09-2595	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.48	—	—	1.00E-01	ug/L	—	—	09-2595	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.5	—	—	1.00E-01	ug/L	—	—	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.5	—	—	1.00E-01	ug/L	—	U	08-1767	CALA-08-13923	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	J	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	J	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	ug/L	J	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	0.58	—	—	5.00E-01	ug/L	J	J	09-2595	CALA-09-11192	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.7	—	—	5.00E-01	ug/L	J	J	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	ug/L	J	J	08-1767	CALA-08-13923	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.96	—	—	5.00E-01	ug/L	J	J	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	—	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Metals	SW-846:6020	Selenium	—	3.11	—	—	1.00E+00	ug/L	J	J	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	3.04	—	—	1.00E+00	ug/L	J	J	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	4.6	—	—	1.00E+00	ug/L	J	J	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	3.5	—	—	1.00E+00	ug/L	J	J	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	4.2	—	—	1.00E+00	ug/L	J	J	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	3.1	—	—	1.00E+00	ug/L	J	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Metals	SW-846:6020	Selenium	—	3.77	—	—	1.00E+00	ug/L	J	J	09-2595	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	3.06	—	—	1.00E+00	ug/L	J	J	09-2595	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	4.6	—	—	1.00E+00	ug/L	J	J	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	3.5	—	—	1.00E+00	ug/L	J	J	08-1767	CALA-08-13923	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	3.8	—	—	1.00E+00	ug/L	J	J	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	2.9	—	—	1.00E+00	ug/L	J	—	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	39	—	—	5.30E-02	mg/L	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	39.7	—	—	5.30E-02	mg/L	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.8	—	—	3.20E-02	mg/L	—	J	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	35.6	—	—	3.20E-02	mg/L	—	—	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36	—	—	3.20E-02	mg/L	—	—	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	179	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11193	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	191	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	180	—	—	1.00E+00	ug/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	161	—	—	1.00E+00	ug/L	—	—	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	181	—	—	1.00E+00	ug/L	—	—	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	178	—	—	1.00E+00	ug/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	146	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	186	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	184	—	—	1.00E+00	ug/L	—	—	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	162	—	—	1.00E+00	ug/L	—	—	08-1767	CALA-08-13923	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	181	—	—	1.00E+00	ug/L	—	—	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	179	—	—	1.00E+00	ug/L	—	—	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	1.57	—	—	5.00E-02	ug/L	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.67	—	—	5.00E-02	ug/L	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.6	—	—	5.00E-02	ug/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	5.00E-02	ug/L	—	—	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.6	—	—	5.00E-02	ug/L	—	—	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.1	—	—	5.00E-02	ug/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	1.82	—	—	5.00E-02	ug/L	—	—	09-2595	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.74	—	—	5.00E-02	ug/L	—	—	09-2595	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3.2	—	—	5.00E-02	ug/L	—	—	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.1	—	—	5.00E-02	ug/L	—	—	08-1767	CALA-08-13923	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.6	—	—	5.00E-02	ug/L	—	—	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.2	—	—	5.00E-02	ug/L	—	—	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	9.88	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11193	GELC
Los Alamos Spring	—	—	07/09/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.82	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11191	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10	—	—	1.00E+00	ug/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.6	—	—	1.00E+00	ug/L	—	—	08-1767	CALA-08-13922	GELC
Los Alamos Spring	—	—	01/25/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.3	—	—	1.00E+00	ug/L	—	—	08-576	CALA-08-9787	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.8	—	—	1.00E+00	ug/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	10.6	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.88	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.7	—	—	1.00E+00	ug/L	—	—	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.4	—	—	1.00E+00	ug/L	—	—	08-1767	CALA-08-13923	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.5	—	—	1.00E+00	ug/L	—	—	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.1	—	—	1.00E+00	ug/L	—	—	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00106	2.70E-03	3.30E-02	—	pCi/L	U	U	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.000969	1.37E-03	2.70E-02	—	pCi/L	U	U	08-1768	CALA-08-13922	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00125	1.52E-03	3.84E-02	—	pCi/L	U	U	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	0.00111	1.40E-03	3.40E-02	—	pCi/L	U	U	09-2594	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00966	4.33E-03	3.60E-02	—	pCi/L	U	U	09-2594	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00495	2.73E-03	3.00E-02	—	pCi/L	U	U	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000899	1.00E-03	2.70E-02	—	pCi/L	U	U	08-1768	CALA-08-13923	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000984	1.44E-03	3.97E-02	—	pCi/L	U	U	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.811	4.00E-01	4.10E+00	—	pCi/L	U	U	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.134	4.00E-01	4.00E+00	—	pCi/L	U	U	08-1768	CALA-08-13922	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0214	3.10E-01	3.00E+00	—	pCi/L	U	U	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	0.324	5.00E-01	5.00E+00	—	pCi/L	U	U	09-2594	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.19	5.33E-01	4.20E+00	—	pCi/L	U	U	09-2594	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.22	5.00E-01	5.40E+00	—	pCi/L	U	U	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.327	4.33E-01	4.20E+00	—	pCi/L	U	U	08-1768	CALA-08-13923	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.78	5.13E-01	4.81E+00	—	pCi/L	U	U	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.786	4.00E-01	3.50E+00	—	pCi/L	U	U	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.5	4.33E-01	4.00E+00	—	pCi/L	U	U	08-1768	CALA-08-13922	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.1	3.67E-01	3.25E+00	—	pCi/L	U	U	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	-0.8	5.67E-01	5.40E+00	—	pCi/L	U	U	09-2594	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.71	5.00E-01	5.50E+00	—	pCi/L	U	U	09-2594	CALA-09-11189	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.633	4.33E-01	4.60E+00	—	pCi/L	U	U	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.663	4.67E-01	4.30E+00	—	pCi/L	U	U	08-1768	CALA-08-13923	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.701	4.23E-01	3.95E+00	—	pCi/L	U	U	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	—	4.15	4.00E-01	2.40E+00	—	pCi/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Rad	EPA:900	Gross alpha/beta	<	0.894	2.37E-01	2.40E+00	—	pCi/L	U	U	09-2594	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.99	3.67E-01	2.40E+00	—	pCi/L	—	U	09-2594	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	3.41	3.67E-01	2.20E+00	—	pCi/L	—	—	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	6.53	4.33E-01	3.30E+00	—	pCi/L	—	—	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.61	3.60E-01	2.98E+00	—	pCi/L	—	J	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Rad	EPA:900	Gross beta	<	1.8	2.90E-01	2.80E+00	—	pCi/L	U	U	09-2594	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.26	3.03E-01	1.90E+00	—	pCi/L	—	—	09-2594	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.93	3.30E-01	2.60E+00	—	pCi/L	—	—	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.25	3.43E-01	2.63E+00	—	pCi/L	—	J	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	21.9	6.33E+00	5.20E+01	—	pCi/L	U	U	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	7.12	9.33E+00	2.70E+01	—	pCi/L	U	U	08-1768	CALA-08-13922	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	53.8	3.11E+01	2.23E+02	—	pCi/L	U	U	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	8.02	5.33E+00	3.10E+01	—	pCi/L	U	U	09-2594	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	10.2	4.67E+00	4.50E+01	—	pCi/L	U	U	09-2594	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	8.16	1.90E+01	2.80E+01	—	pCi/L	U	U	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	5.99	2.23E+00	2.40E+01	—	pCi/L	U	U	08-1768	CALA-08-13923	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	74.9	2.03E+01	2.41E+02	—	pCi/L	U	U	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.5	3.03E+00	2.90E+01	—	pCi/L	U	U	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.11	2.00E+00	1.90E+01	—	pCi/L	U	U	08-1768	CALA-08-13922	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.88	2.81E+00	2.67E+01	—	pCi/L	U	U	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	8.43	2.80E+00	2.50E+01	—	pCi/L	U	U	09-2594	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-10.3	3.67E+00	3.50E+01	—	pCi/L	U	U	09-2594	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.77	4.00E+00	3.60E+01	—	pCi/L	U	U	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.94	4.33E+00	3.60E+01	—	pCi/L	U	U	08-1768	CALA-08-13923	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.4	4.73E+00	3.90E+01	—	pCi/L	U	U	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00489	1.40E-03	3.70E-02	—	pCi/L	U	U	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00439	2.73E-03	3.10E-02	—	pCi/L	U	U	08-1768	CALA-08-13922	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.84E-03	3.35E-02	—	pCi/L	U	U	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.00609	1.37E-03	3.20E-02	—	pCi/L	U	U	09-2594	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00336	8.00E-04	2.70E-02	—	pCi/L	U	U	09-2594	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00315	1.83E-03	4.80E-02	—	pCi/L	U	U	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00502	3.67E-03	3.50E-02	—	pCi/L	U	U	08-1768	CALA-08-13923	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.002	2.59E-03	3.84E-02	—	pCi/L	U	U	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00734	2.93E-03	4.30E-02	—	pCi/L	U	U	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-5.23E-10	1.47E-03	3.70E-02	—	pCi/L	U	U	08-1768	CALA-08-13922	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00871	1.54E-03	3.07E-02	—	pCi/L	U	U	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	-0.0142	2.03E-03	4.00E-02	—	pCi/L	U	U	09-2594	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	5.67E-04	3.30E-02	—	pCi/L	U	U	09-2594	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0157	2.80E-03	5.60E-02	—	pCi/L	U	U	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00501	2.03E-03	4.30E-02	—	pCi/L	U	U	08-1768	CALA-08-13923	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.002	1.49E-03	3.53E-02	—	pCi/L	U	U	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	17.8	7.00E+00	3.70E+01	—	pCi/L	U	U	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	23.7	4.33E+00	4.90E+01	—	pCi/L	U	U	08-1768	CALA-08-13922	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	5.94	4.63E+00	3.31E+01	—	pCi/L	U	U	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	-18.2	5.67E+00	5.50E+01	—	pCi/L	U	U	09-2594	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	37.2	7.67E+00	5.10E+01	—	pCi/L	U	U	09-2594	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	32.6	5.67E+00	3.20E+01	—	pCi/L	UI	R	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	55.8	5.67E+00	6.40E+01	—	pCi/L	U	U	08-1768	CALA-08-13923	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	38.4	6.17E+00	4.46E+01	—	pCi/L	U	U	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.218	3.67E-01	3.30E+00	—	pCi/L	U	U	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0445	4.33E-01	4.10E+00	—	pCi/L	U	U	08-1768	CALA-08-13922	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.07	3.87E-01	3.48E+00	—	pCi/L	U	U	190642	GF070700GLAS01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	1.14	4.33E-01	4.50E+00	—	pCi/L	U	U	09-2594	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.977	3.67E-01	3.30E+00	—	pCi/L	U	U	09-2594	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.345	4.67E-01	4.40E+00	—	pCi/L	U	U	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0329	5.00E-01	4.80E+00	—	pCi/L	U	U	08-1768	CALA-08-13923	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.971	5.40E-01	5.60E+00	—	pCi/L	U	U	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.18	4.67E-02	4.80E-01	—	pCi/L	U	U	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.169	2.27E-02	3.20E-01	—	pCi/L	U	U	08-1768	CALA-08-13922	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.121	2.15E-02	2.30E-01	—	pCi/L	U	U	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.304	4.00E-02	3.90E-01	—	pCi/L	U	U	09-2594	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.208	4.67E-02	4.50E-01	—	pCi/L	U	U	09-2594	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0876	4.33E-02	4.70E-01	—	pCi/L	U	U	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.121	3.17E-02	3.90E-01	—	pCi/L	U	U	08-1768	CALA-08-13923	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0777	2.22E-02	2.81E-01	—	pCi/L	U	U	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.44	4.67E-02	2.00E-01	—	pCi/L	—	J+	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.953	2.20E-02	5.50E-02	—	pCi/L	—	—	08-1768	CALA-08-13922	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.05	2.60E-02	3.14E-02	—	pCi/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.906	2.67E-02	9.70E-02	—	pCi/L	—	—	09-2594	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.06	3.07E-02	1.00E-01	—	pCi/L	—	—	09-2594	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.79	5.00E-02	1.40E-01	—	pCi/L	—	—	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.905	2.10E-02	5.30E-02	—	pCi/L	—	—	08-1768	CALA-08-13923	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.04	2.68E-02	3.48E-02	—	pCi/L	—	—	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0892	9.00E-03	1.00E-01	—	pCi/L	U	U	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0617	4.00E-03	3.00E-02	—	pCi/L	—	—	08-1768	CALA-08-13922	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0305	3.12E-03	2.65E-02	—	pCi/L	—	J	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.025	3.00E-03	4.70E-02	—	pCi/L	U	U	09-2594	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0328	3.67E-03	5.00E-02	—	pCi/L	U	U	09-2594	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0822	7.33E-03	7.10E-02	—	pCi/L	—	—	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0456	3.20E-03	2.80E-02	—	pCi/L	—	—	08-1768	CALA-08-13923	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0554	4.70E-03	2.94E-02	—	pCi/L	—	J	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	01/13/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.866	3.20E-02	1.10E-01	—	pCi/L	—	J+	09-630	CALA-09-1812	GELC
Los Alamos Spring	—	—	08/25/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.607	1.53E-02	2.90E-02	—	pCi/L	—	—	08-1768	CALA-08-13922	GELC
Los Alamos Spring	—	—	07/31/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.568	1.64E-02	4.23E-02	—	pCi/L	—	—	190642	GF070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.584	1.87E-02	4.80E-02	—	pCi/L	—	—	09-2594	CALA-09-11192	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.647	2.07E-02	5.00E-02	—	pCi/L	—	—	09-2594	CALA-09-11189	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.13	3.67E-02	7.40E-02	—	pCi/L	—	—	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	08/25/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.57	1.43E-02	2.80E-02	—	pCi/L	—	—	08-1768	CALA-08-13923	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.627	1.84E-02	4.69E-02	—	pCi/L	—	—	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FB	Voa	SW-846:8260B	Chloroform	—	1.94	—	—	2.50E-01	ug/L	—	—	09-2593	CALA-09-11194	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	U	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	U	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	—	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	04/26/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	—	185087	GU070400GLAS01	GELC
Los Alamos Spring	—	—	07/09/09	WG	UF	CS	FB	Voa	SW-846:8260B	Chloromethane	—	0.35	—	—	3.00E-01	ug/L	J	J	09-2593	CALA-09-11194	GELC
Los Alamos Spring	—	—	01/13/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.341	—	—	3.00E-01	ug/L	J	J	09-630	CALA-09-1811	GELC
Los Alamos Spring	—	—	01/25/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	UJ	08-576	CALA-08-9789	GELC
Los Alamos Spring	—	—	07/31/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	190642	GU070700GLAS01	GELC
Los Alamos Spring	—	—	04/26/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	UJ	185087	GU070400GLAS01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	92.1	—	—	7.30E-01	mg/L	—	—	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	96.7	—	—	7.30E-01	mg/L	—	—	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	75.4	—	—	7.30E-01	mg/L	—	—	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	114	—	—	7.25E-01	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71.9	—	—	7.25E-01	mg/L	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.065	—	—	1.60E-02	mg/L	—	J-	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.15	—	—	1.50E-01	mg/L	U	—	190278	GF07070G1OAP01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.5	—	—	5.00E-02	mg/L	—	—	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.6	—	—	3.00E-02	mg/L	—	—	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	29.3	—	—	3.00E-02	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	29	—	—	3.60E-02	mg/L	—	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.5	—	—	5.00E-02	mg/L	—	—	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.5	—	—	3.00E-02	mg/L	—	—	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.9	—	—	3.00E-02	mg/L	—	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	28.2	—	—	3.60E-02	mg/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	66.9	—	—	6.60E-01	mg/L	—	—	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	37.8	—	—	3.30E-01	mg/L	—	—	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	111	—	—	6.60E-01	mg/L	—	—	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	43.3	—	—	3.30E-01	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	74.6	—	—	6.60E-01	mg/L	—	J	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	—	0.00237	—	—	1.50E-03	mg/L	J	JN-	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	05/12/05	WG	F	CS	—	Geninorg	SW-846:9012A	Cyanide (Total)	<	0.0025	—	—	2.50E-03	mg/L	U	—	136564	GF0505G1OAP01	GELC
PAO-1	5561	5.89	06/21/01	WG	F	CS	—	Geninorg	SW-846:9010	Cyanide (Total)	<	0.01	—	—	—	mg/L	U	U	9100R	CAPU-01-0075	PARA
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	—	0.00291	—	—	1.70E-03	mg/L	J	J	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	—	0.00268	—	—	1.50E-03	mg/L	J	JN-	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.0015	—	—	1.50E-03	mg/L	U	UJ	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	06/21/01	WG	UF	CS	—	Geninorg	SW-846:9010	Cyanide (Total)	<	0.01	—	—	—	mg/L	U	U	9100R	CAPU-01-0076	PARA
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.296	—	—	3.30E-02	mg/L	—	—	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.225	—	—	3.30E-02	mg/L	—	—	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.12	—	—	3.30E-02	mg/L	—	J-	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.249	—	—	3.30E-02	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.205	—	—	3.30E-02	mg/L	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58.3	—	—	3.50E-01	mg/L	—	—	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.7	—	—	3.50E-01	mg/L	—	—	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	91.3	—	—	4.25E-01	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80	—	—	2.00E-02	mg/L	—	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	59.1	—	—	3.50E-01	mg/L	—	—	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.9	—	—	3.50E-01	mg/L	—	—	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	83.8	—	—	4.25E-01	mg/L	—	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	79.6	—	—	2.00E-02	mg/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	8.50E-02	mg/L	—	J	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.88	—	—	8.50E-02	mg/L	—	—	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.37	—	—	8.50E-02	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.36	—	—	8.50E-02	mg/L	—	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.12	—	—	8.50E-02	mg/L	—	J	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3	—	—	8.50E-02	mg/L	—	—	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.03	—	—	8.50E-02	mg/L	—	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.3	—	—	8.50E-02	mg/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.237	—	—	5.00E-02	mg/L	J	J	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0558	—	—	1.00E-02	mg/L	—	—	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.423	—	—	1.00E-02	mg/L	—	—	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.069	—	—	1.00E-02	mg/L	—	J-	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.382	—	—	1.00E-02	mg/L	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.579	—	—	5.00E-02	ug/L	—	—	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0785	—	—	5.00E-02	ug/L	J	J+	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.154	—	—	5.00E-02	ug/L	J	J	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0673	—	—	5.00E-02	ug/L	J	J	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.223	—	—	5.00E-02	ug/L	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.97	—	—	5.00E-02	mg/L	—	—	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.77	—	—	5.00E-02	mg/L	—	—	08-1839	CAPU-08-14573	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.52	—	—	5.00E-02	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.51	—	—	5.00E-02	mg/L	—	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.28	—	—	5.00E-02	mg/L	—	—	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.89	—	—	5.00E-02	mg/L	—	—	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.27	—	—	5.00E-02	mg/L	—	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.44	—	—	5.00E-02	mg/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	25.6	—	—	3.20E-02	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	19.3	—	—	3.20E-02	mg/L	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	69.6	—	—	1.00E-01	mg/L	—	—	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	45.3	—	—	4.50E-02	mg/L	—	—	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	58.7	—	—	4.50E-02	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	34.7	—	—	4.50E-02	mg/L	—	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	64.5	—	—	1.00E-01	mg/L	—	—	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	45.2	—	—	4.50E-02	mg/L	—	—	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	54.4	—	—	4.50E-02	mg/L	—	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	33.9	—	—	4.50E-02	mg/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	435	—	—	1.00E+00	uS/cm	—	—	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	348	—	—	1.00E+00	uS/cm	—	—	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	575	—	—	1.00E+00	uS/cm	—	—	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	429	—	—	1.00E+00	uS/cm	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.43	—	—	1.00E-01	mg/L	—	—	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.37	—	—	1.00E-01	mg/L	—	J-	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.3	—	—	1.00E-01	mg/L	—	—	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.5	—	—	1.00E-01	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	19.2	—	—	1.00E-01	mg/L	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	243	—	—	2.40E+00	mg/L	—	—	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	217	—	—	2.40E+00	mg/L	—	—	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	365	—	—	2.40E+00	mg/L	—	—	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	773	—	—	2.38E+00	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	253	—	—	2.38E+00	mg/L	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.141	—	—	2.90E-02	mg/L	—	J-, JN	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.282	—	—	2.90E-02	mg/L	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.262	—	—	3.30E-02	mg/L	—	J-	09-2564	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.203	—	—	2.90E-02	mg/L	—	J	08-1838	CAPU-08-14575	GELC
PAO-1	5561	5.89	01/17/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.173	—	—	2.90E-02	mg/L	—	—	08-531	CAPU-08-9768	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.128	—	—	2.90E-02	mg/L	—	J-, JN	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.205	—	—	2.90E-02	mg/L	—	—	184854	GU07040G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	7.02	—	—	3.30E-01	mg/L	—	—	09-2564	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	6.7	—	—	3.30E-01	mg/L	—	—	08-1838	CAPU-08-14575	GELC
PAO-1	5561	5.89	01/17/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.86	—	—	3.30E-01	mg/L	—	—	08-531	CAPU-08-9768	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	6.02	—	—	3.30E-01	mg/L	—	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	9.32	—	—	3.30E-01	mg/L	—	—	184854	GU07040G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.334	—	—	1.50E-02	mg/L	—	J	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.388	—	—	2.40E-02	mg/L	—	J	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.186	—	—	2.40E-02	mg/L	—	J	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.325	—	—	2.40E-02	mg/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	04/23/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.297	—	—	2.40E-02	mg/L	—	—	184854	GF07040G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.34	—	—	1.00E-02	SU	H	J-	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.63	—	—	1.00E-02	SU	H	J-	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.51	—	—	1.00E-02	SU	H	J-	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.18	—	—	1.00E-02	SU	H	J	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1520	—	—	6.80E+01	ug/L	—	—	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	860	—	—	6.80E+01	ug/L	—	—	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	162	—	—	6.80E+01	ug/L	J	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	387	—	—	6.80E+01	ug/L	—	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	4570	—	—	6.80E+01	ug/L	—	—	09-2565	CAPU-09-11220	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1920	—	—	6.80E+01	ug/L	—	—	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	599	—	—	6.80E+01	ug/L	—	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1090	—	—	6.80E+01	ug/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.22	—	—	1.50E+00	ug/L	J	J	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.1	—	—	1.50E+00	ug/L	J	J	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.1	—	—	1.00E+00	ug/L	—	—	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.5	—	—	1.00E+00	ug/L	—	—	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.6	—	—	1.00E+00	ug/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27	—	—	1.00E+00	ug/L	—	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34.4	—	—	1.00E+00	ug/L	—	—	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.3	—	—	1.00E+00	ug/L	—	—	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.2	—	—	1.00E+00	ug/L	—	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.3	—	—	1.00E+00	ug/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.2	—	—	1.50E+01	ug/L	J	J	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	30.8	—	—	1.00E+01	ug/L	J	J	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	37.3	—	—	1.00E+01	ug/L	J	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	37.5	—	—	1.00E+01	ug/L	J	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.4	—	—	1.50E+01	ug/L	J	J	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	29.9	—	—	1.00E+01	ug/L	J	J	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	34.6	—	—	1.00E+01	ug/L	J	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	37.2	—	—	1.00E+01	ug/L	J	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.61	—	—	1.00E+00	ug/L	J	J	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	2.5	—	—	1.00E+00	ug/L	J	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1.00E+00	ug/L	U	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.1	—	—	1.00E+00	ug/L	J	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1.00E+00	ug/L	U	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	816	—	—	3.00E+01	ug/L	—	—	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	423	—	—	2.50E+01	ug/L	—	—	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	78.3	—	—	2.50E+01	ug/L	J	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	211	—	—	1.80E+01	ug/L	—	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2610	—	—	3.00E+01	ug/L	—	—	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	972	—	—	2.50E+01	ug/L	—	—	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	296	—	—	2.50E+01	ug/L	—	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	595	—	—	1.80E+01	ug/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Metals	SW-846:6020	Lead	—	0.645	—	—	5.00E-01	ug/L	J	J	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	2.36	—	—	5.00E-01	ug/L	—	—	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.55	—	—	5.00E-01	ug/L	J	J	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.51	—	—	5.00E-01	ug/L	J	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.62	—	—	5.00E-01	ug/L	J	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.28	—	—	2.00E+00	ug/L	J	J	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.4	—	—	2.00E+00	ug/L	J	J	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.1	—	—	2.00E+00	ug/L	J	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	20.9	—	—	2.00E+00	ug/L	—	—	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.1	—	—	2.00E+00	ug/L	J	J	08-1839	CAPU-08-14575	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	34.8	—	—	2.00E+00	ug/L	—	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9.3	—	—	2.00E+00	ug/L	J	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.04	—	—	1.00E-01	ug/L	—	—	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.8	—	—	1.00E-01	ug/L	—	—	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	4.8	—	—	2.00E+00	ug/L	J	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.28	—	—	1.00E-01	ug/L	—	—	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.1	—	—	1.00E-01	ug/L	—	—	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	4.8	—	—	2.00E+00	ug/L	J	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.55	—	—	5.00E-01	ug/L	J	J	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	J	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	5.00E-01	ug/L	J	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.41	—	—	5.00E-01	ug/L	—	—	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	J	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.5	—	—	5.00E-01	ug/L	—	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	ug/L	J	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	27	—	—	5.30E-02	mg/L	—	—	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	27.3	—	—	3.20E-02	mg/L	—	—	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	01/17/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	17.1	—	—	3.20E-02	mg/L	—	—	08-531	CAPU-08-9769	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.3	—	—	1.00E+00	ug/L	—	—	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	96	—	—	1.00E+00	ug/L	—	—	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	155	—	—	1.00E+00	ug/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	152	—	—	1.00E+00	ug/L	—	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	93.8	—	—	1.00E+00	ug/L	—	—	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	95.5	—	—	1.00E+00	ug/L	—	—	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	144	—	—	1.00E+00	ug/L	—	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	148	—	—	1.00E+00	ug/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.49	—	—	1.00E+00	ug/L	J	J	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.2	—	—	1.00E+00	ug/L	J	J	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.8	—	—	1.00E+00	ug/L	J	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.6	—	—	1.00E+00	ug/L	J	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.96	—	—	1.00E+00	ug/L	—	—	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.1	—	—	1.00E+00	ug/L	—	—	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.4	—	—	1.00E+00	ug/L	—	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.2	—	—	1.00E+00	ug/L	J	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.56	—	—	3.30E+00	ug/L	J	J	09-2565	CAPU-09-11221	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.2	—	—	2.00E+00	ug/L	J	J	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.2	—	—	2.00E+00	ug/L	J	U	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	24.6	—	—	3.30E+00	ug/L	—	—	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.7	—	—	2.00E+00	ug/L	J	J	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2	—	—	2.00E+00	ug/L	J	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	4.6	—	—	2.00E+00	ug/L	J	U	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0026	2.23E-03	3.00E-02	—	pCi/L	U	U	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00471	1.15E-03	3.94E-02	—	pCi/L	U	U	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00252	1.20E-03	2.24E-02	—	pCi/L	U	U	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00286	1.57E-03	3.70E-02	—	pCi/L	U	U	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00626	2.10E-03	3.20E-02	—	pCi/L	U	U	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000259	7.67E-04	3.71E-02	—	pCi/L	U	U	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00471	1.87E-03	3.06E-02	—	pCi/L	U	U	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0544	4.67E-01	4.50E+00	—	pCi/L	U	U	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.638	4.30E-01	4.33E+00	—	pCi/L	U	U	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0186	2.59E-01	2.88E+00	—	pCi/L	U	U	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.06	5.67E-01	5.30E+00	—	pCi/L	U	U	09-2565	CAPU-09-11220	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.28	4.67E-01	5.10E+00	—	pCi/L	U	U	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.389	2.95E-01	2.86E+00	—	pCi/L	U	U	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.22	3.90E-01	4.56E+00	—	pCi/L	U	U	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.43	4.67E-01	4.40E+00	—	pCi/L	U	U	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.84	3.83E-01	3.57E+00	—	pCi/L	U	U	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.58	3.32E-01	4.11E+00	—	pCi/L	U	U	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.4	5.33E-01	4.70E+00	—	pCi/L	U	U	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.14	4.67E-01	5.10E+00	—	pCi/L	U	U	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.669	2.84E-01	3.06E+00	—	pCi/L	U	U	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.12	3.70E-01	4.72E+00	—	pCi/L	U	U	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.08	2.83E-01	2.30E+00	—	pCi/L	U	U	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	9.12	4.90E-01	3.13E+00	—	pCi/L	—	J	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	6.67	2.98E-01	2.01E+00	—	pCi/L	—	—	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	05/12/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	6.81	2.88E-01	2.68E+00	—	pCi/L	—	J	136564	GF0505G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.87	3.67E-01	2.70E+00	—	pCi/L	—	—	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	9.61	5.33E-01	3.69E+00	—	pCi/L	—	J	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.27	1.74E-01	1.07E+00	—	pCi/L	—	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	13.4	2.03E+00	1.80E+01	—	pCi/L	U	U	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	86.3	4.73E+01	3.08E+02	—	pCi/L	U	U	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	65.6	2.20E+01	2.20E+02	—	pCi/L	U	U	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	106	2.27E+01	1.50E+02	—	pCi/L	U	U	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	3.1	7.67E-01	3.40E+00	—	pCi/L	U	U	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	67.1	1.62E+01	1.95E+02	—	pCi/L	U	U	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	97.1	2.41E+01	3.65E+02	—	pCi/L	U	U	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.273	4.00E+00	3.40E+01	—	pCi/L	U	U	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.56	2.30E+00	1.92E+01	—	pCi/L	U	U	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.78	2.23E+00	2.30E+01	—	pCi/L	U	U	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.79	5.33E+00	2.60E+01	—	pCi/L	U	U	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.2	3.30E+00	3.20E+01	—	pCi/L	U	U	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-9.32	2.66E+00	2.14E+01	—	pCi/L	U	U	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.79	3.93E+00	3.19E+01	—	pCi/L	U	U	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00354	1.67E-03	5.40E-02	—	pCi/L	U	U	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0128	2.25E-03	2.98E-02	—	pCi/L	U	U	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.013	2.06E-03	1.78E-02	—	pCi/L	U	U	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00798	3.13E-03	3.20E-02	—	pCi/L	U	U	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00716	2.07E-03	5.40E-02	—	pCi/L	U	U	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00357	1.69E-03	2.50E-02	—	pCi/L	U	U	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0016	9.23E-04	1.53E-02	—	pCi/L	U	U	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0142	2.90E-03	6.10E-02	—	pCi/L	U	U	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00213	1.59E-03	3.30E-02	—	pCi/L	U	U	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00371	1.24E-03	2.08E-02	—	pCi/L	U	U	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.012	2.30E-03	3.90E-02	—	pCi/L	U	U	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00716	3.33E-03	6.10E-02	—	pCi/L	U	U	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00179	1.79E-03	2.77E-02	—	pCi/L	U	U	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0016	9.23E-04	1.79E-02	—	pCi/L	U	U	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	9.25	6.33E+00	7.00E+01	—	pCi/L	U	U	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	12.9	7.03E+00	4.19E+01	—	pCi/L	U	U	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	11.1	5.27E+00	3.48E+01	—	pCi/L	U	U	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-9.02	6.33E+00	5.70E+01	—	pCi/L	U	U	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-18.2	6.67E+00	5.80E+01	—	pCi/L	U	U	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	3.64	5.57E+00	3.12E+01	—	pCi/L	U	U	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	78.2	6.07E+00	8.15E+01	—	pCi/L	U	U	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	05/12/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	<	0.202	4.60E-02	4.58E-01	—	pCi/L	U	U	136564	GF0505G1OAP01	GELC
PAO-1	5561	5.89	05/28/02	WG	F	CS	—	Rad	EPA:901.1	Radium-226	<	2.88	1.27E+00	5.90E+00	—	pCi/L	U	U	833S	CAPU-02-45061	GEL
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.245	3.33E-02	2.60E-01	—	pCi/L	U	U	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.743	7.33E-02	5.50E-01	—	pCi/L	—	—	08-1839	CAPU-08-14575	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-1	5561	5.89	01/17/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.342	7.00E-02	6.90E-01	—	pCi/L	U	U	08-531	CAPU-08-9768	GELC
PAO-1	5561	5.89	05/28/02	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	9.43	1.13E+00	1.30E+01	—	pCi/L	U	U	833S	CAPU-02-45061	GEL
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.26	9.33E-02	5.10E-01	—	pCi/L	—	—	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.352	4.33E-02	3.70E-01	—	pCi/L	U	U	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	01/17/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.739	9.00E-02	7.90E-01	—	pCi/L	U	U	08-531	CAPU-08-9768	GELC
PAO-1	5561	5.89	05/28/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	0	1.73E+00	1.90E+01	—	pCi/L	U	U	833S	CAPU-02-45062	GEL
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.05	4.33E-01	3.60E+00	—	pCi/L	U	U	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.22	3.93E-01	3.39E+00	—	pCi/L	U	U	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.564	2.89E-01	3.19E+00	—	pCi/L	U	U	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.57	6.00E-01	6.20E+00	—	pCi/L	U	U	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.445	4.67E-01	4.90E+00	—	pCi/L	U	U	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.04	2.94E-01	2.44E+00	—	pCi/L	U	U	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.169	3.73E-01	4.33E+00	—	pCi/L	U	U	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.318	1.67E-02	1.20E-01	—	pCi/L	—	—	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.185	3.07E-02	3.26E-01	—	pCi/L	U	U	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.664	5.93E-02	4.89E-01	—	pCi/L	—	J	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.262	5.00E-02	5.00E-01	—	pCi/L	U	U	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.244	1.70E-02	1.40E-01	—	pCi/L	—	—	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.138	3.05E-02	3.00E-01	—	pCi/L	U	U	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.456	4.40E-02	3.98E-01	—	pCi/L	—	J	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0322	6.00E-03	1.60E-01	—	pCi/L	U	U	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.114	6.03E-03	3.18E-02	—	pCi/L	—	—	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0728	5.00E-03	5.24E-02	—	pCi/L	—	J	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0696	4.67E-03	9.40E-02	—	pCi/L	U	U	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0202	9.67E-03	1.70E-01	—	pCi/L	U	U	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.092	6.20E-03	3.54E-02	—	pCi/L	—	J	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0641	6.10E-03	6.08E-02	—	pCi/L	—	J	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0114	3.67E-03	8.40E-02	—	pCi/L	U	U	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00829	1.60E-03	4.26E-02	—	pCi/L	U	U	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	2.07E-03	4.42E-02	—	pCi/L	U	U	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0152	2.30E-03	4.60E-02	—	pCi/L	U	U	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0125	6.67E-03	9.20E-02	—	pCi/L	U	U	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00922	2.72E-03	4.74E-02	—	pCi/L	U	U	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0108	3.60E-03	5.13E-02	—	pCi/L	U	U	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	09/03/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0644	7.67E-03	8.30E-02	—	pCi/L	U	U	08-1839	CAPU-08-14573	GELC
PAO-1	5561	5.89	07/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0626	4.73E-03	4.24E-02	—	pCi/L	—	J	190278	GF07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0452	4.03E-03	5.57E-02	—	pCi/L	U	U	169145	GF06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0589	4.33E-03	4.60E-02	—	pCi/L	—	—	09-2565	CAPU-09-11220	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0454	7.33E-03	9.10E-02	—	pCi/L	U	U	08-1839	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0945	5.80E-03	4.72E-02	—	pCi/L	—	J	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0379	5.10E-03	6.46E-02	—	pCi/L	U	U	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	EQB	Voa	SW-846:8260B	Chloroform	—	1.99	—	—	2.50E-01	ug/L	—	—	09-2564	CAPU-09-11369	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	U	08-1838	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	—	169145	GU06070G1OAP01	GELC
PAO-1	5561	5.89	07/07/09	WG	UF	CS	EQB	Voa	SW-846:8260B	Chloromethane	—	0.48	—	—	3.00E-01	ug/L	J	J	09-2564	CAPU-09-11369	GELC
PAO-1	5561	5.89	09/03/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1838	CAPU-08-14575	GELC
PAO-1	5561	5.89	07/25/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	190278	GU07070G1OAP01	GELC
PAO-1	5561	5.89	08/10/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	169145	GU06070G1OAP01	GELC
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	85.4	—	—	7.30E-01	mg/L	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	83.8	—	—	7.30E-01	mg/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	109	—	—	7.25E-01	mg/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	04/23/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.5	—	—	7.25E-01	mg/L	—	—	184854	GF07040GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71	—	—	7.25E-01	mg/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.8	—	—	7.25E-01	mg/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18	—	—	5.00E-02	mg/L	—	—	09-2597	CAPU-09-11224	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.5	—	—	3.00E-02	mg/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	27	—	—	3.00E-02	mg/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.4	—	—	3.60E-02	mg/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.9	—	—	5.00E-02	mg/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.6	—	—	3.00E-02	mg/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.9	—	—	3.00E-02	mg/L	—	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.7	—	—	3.60E-02	mg/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	<	49.8	—	—	3.80E-02	mg/L	B	J	118S	CAPU-01-0202	GEL
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	72.4	—	—	6.60E-01	mg/L	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	41.1	—	—	3.30E-01	mg/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	53.9	—	—	6.60E-01	mg/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	04/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	135	—	—	1.32E+00	mg/L	—	J	184854	GF07040GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	23.4	—	—	3.30E-01	mg/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	23.2	—	—	3.30E-01	mg/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.269	—	—	3.30E-02	mg/L	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.244	—	—	3.30E-02	mg/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.221	—	—	3.30E-02	mg/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	04/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.236	—	—	3.30E-02	mg/L	—	—	184854	GF07040GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.282	—	—	3.30E-02	mg/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.292	—	—	3.30E-02	mg/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	55.6	—	—	3.50E-01	mg/L	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.4	—	—	3.50E-01	mg/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	83.3	—	—	4.25E-01	mg/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	49	—	—	2.00E-02	mg/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	56.5	—	—	3.50E-01	mg/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50.1	—	—	3.50E-01	mg/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	83.2	—	—	4.25E-01	mg/L	—	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	51.5	—	—	2.00E-02	mg/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.59	—	—	8.50E-02	mg/L	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.33	—	—	8.50E-02	mg/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.83	—	—	8.50E-02	mg/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.74	—	—	8.50E-02	mg/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	8.50E-02	mg/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.71	—	—	8.50E-02	mg/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.91	—	—	8.50E-02	mg/L	—	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.93	—	—	8.50E-02	mg/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	<	7.3	—	—	4.50E-03	mg/L	B	J	118S	CAPU-01-0202	GEL
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.45	—	—	5.00E-02	ug/L	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.16	—	—	5.00E-02	ug/L	J	J+	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0781	—	—	5.00E-02	ug/L	J	J	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	04/23/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	184854	GF07040GPAO201	GELC
PAO-2	6801	6.06	04/23/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.308	—	—	5.00E-02	ug/L	—	—	184854	GF07040GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	<	0.05	—	—	5.00E-02	ug/L	U	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.02	—	—	5.00E-02	mg/L	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.45	—	—	5.00E-02	mg/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.03	—	—	5.00E-02	mg/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.03	—	—	5.00E-02	mg/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.14	—	—	5.00E-02	mg/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.9	—	—	5.00E-02	mg/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.13	—	—	5.00E-02	mg/L	—	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.27	—	—	5.00E-02	mg/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	<	8.61	—	—	7.09E-03	mg/L	B	J	118S	CAPU-01-0202	GEL
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	27.1	—	—	3.20E-02	mg/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	04/23/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	20	—	—	3.20E-02	mg/L	—	—	184854	GF07040GPAO201	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	35.2	—	—	3.20E-02	mg/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	41.7	—	—	3.20E-02	mg/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	74.8	—	—	1.00E-01	mg/L	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	47.1	—	—	4.50E-02	mg/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	60.4	—	—	4.50E-02	mg/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	34.2	—	—	4.50E-02	mg/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	69.3	—	—	1.00E-01	mg/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	46.1	—	—	4.50E-02	mg/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	59	—	—	4.50E-02	mg/L	—	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	35.1	—	—	4.50E-02	mg/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	<	44.5	—	—	8.10E-03	mg/L	B	J	118S	CAPU-01-0202	GEL
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	434	—	—	1.00E+00	uS/cm	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	331	—	—	1.00E+00	uS/cm	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	472	—	—	1.00E+00	uS/cm	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	04/23/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	686	—	—	1.00E+00	uS/cm	—	—	184854	GF07040GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	276	—	—	1.00E+00	uS/cm	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	276	—	—	1.00E+00	uS/cm	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.76	—	—	1.00E-01	mg/L	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.87	—	—	1.00E-01	mg/L	—	J-	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.7	—	—	1.00E-01	mg/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	04/23/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	17.7	—	—	1.00E-01	mg/L	—	—	184854	GF07040GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	15.4	—	—	1.00E-01	mg/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	15.3	—	—	1.00E-01	mg/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	266	—	—	2.40E+00	mg/L	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	206	—	—	2.40E+00	mg/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	285	—	—	2.38E+00	mg/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	04/23/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	360	—	—	2.38E+00	mg/L	—	—	184854	GF07040GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	216	—	—	2.38E+00	mg/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	231	—	—	2.38E+00	mg/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	5.95	—	—	3.30E-01	mg/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	6.44	—	—	3.30E-01	mg/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	5.85	—	—	3.30E-01	mg/L	—	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	04/23/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	7.54	—	—	3.30E-01	mg/L	—	—	184854	GU07040GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	9.73	—	—	6.60E-01	mg/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.355	—	—	1.50E-02	mg/L	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.382	—	—	2.40E-02	mg/L	—	J	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.251	—	—	2.40E-02	mg/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	04/23/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.229	—	—	2.40E-02	mg/L	—	—	184854	GF07040GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.436	—	—	1.00E-02	mg/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.423	—	—	1.00E-02	mg/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.28	—	—	1.00E-02	SU	H	J-	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.26	—	—	1.00E-02	SU	H	J-	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.62	—	—	1.00E-02	SU	H	J	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	04/23/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.33	—	—	1.00E-02	SU	H	J	184854	GF07040GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.01	—	—	1.00E-02	SU	H	J	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.02	—	—	1.00E-02	SU	H	J	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1050	—	—	6.80E+01	ug/L	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1300	—	—	6.80E+01	ug/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	2240	—	—	6.80E+01	ug/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2820	—	—	6.80E+01	ug/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	5800	—	—	6.80E+01	ug/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1210	—	—	6.80E+01	ug/L	—	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3750	—	—	6.80E+01	ug/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	26.5	—	—	3.40E+01	ug/L	B	J	118S	CAPU-01-0202	GEL
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.1	—	—	1.00E+00	ug/L	—	—	09-2597	CAPU-09-11224	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.6	—	—	1.00E+00	ug/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	34.4	—	—	1.00E+00	ug/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.4	—	—	1.00E+00	ug/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.9	—	—	1.00E+00	ug/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34.1	—	—	1.00E+00	ug/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.3	—	—	1.00E+00	ug/L	—	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	33.2	—	—	1.00E+00	ug/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	60.09	—	—	1.50E-01	ug/L	—	—	118S	CAPU-01-0202	GEL
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	31.2	—	—	1.50E+01	ug/L	J	J	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	32.1	—	—	1.00E+01	ug/L	J	J	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	37	—	—	1.00E+01	ug/L	J	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	33.9	—	—	1.00E+01	ug/L	J	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	32.8	—	—	1.50E+01	ug/L	J	J	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	34	—	—	1.00E+01	ug/L	J	J	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	36.8	—	—	1.00E+01	ug/L	J	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	34.6	—	—	1.00E+01	ug/L	J	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	32	—	—	3.00E+00	ug/L	B	J	118S	CAPU-01-0202	GEL
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.2	—	—	1.50E+00	ug/L	J	J	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1.3	—	—	1.00E+00	ug/L	J	UJ	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.1	—	—	1.00E+00	ug/L	J	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.99	—	—	2.50E+00	ug/L	J	J	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.2	—	—	1.50E+00	ug/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1.9	—	—	1.00E+00	ug/L	J	UJ	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	1.00E+00	ug/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	<	5	—	—	7.70E-01	ug/L	U	U	118S	CAPU-01-0202	GEL
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	3.23	—	—	3.00E+00	ug/L	J	J	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	ug/L	U	R	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	4.6	—	—	3.00E+00	ug/L	J	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	3.61	—	—	3.00E+00	ug/L	J	J	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	ug/L	U	R	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	4.2	—	—	3.00E+00	ug/L	J	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	2.75	—	—	2.70E+00	ug/L	B	J	118S	CAPU-01-0202	GEL
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	534	—	—	3.00E+01	ug/L	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	656	—	—	2.50E+01	ug/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1270	—	—	1.80E+01	ug/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1480	—	—	3.00E+01	ug/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2910	—	—	2.50E+01	ug/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	559	—	—	2.50E+01	ug/L	—	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2080	—	—	1.80E+01	ug/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	7.34	—	—	2.10E+01	ug/L	B	U	118S	CAPU-01-0202	GEL
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Metals	SW-846:6020	Lead	—	1.2	—	—	5.00E-01	ug/L	J	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.49	—	—	5.00E-01	ug/L	J	J	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	2.1	—	—	5.00E-01	ug/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.58	—	—	5.00E-01	ug/L	J	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	2.2	—	—	5.00E-01	ug/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Lead	<	5	—	—	3.40E+00	ug/L	U	U	118S	CAPU-01-0202	GEL
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.13	—	—	2.00E+00	ug/L	J	J	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4	—	—	2.00E+00	ug/L	J	J	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10	—	—	2.00E+00	ug/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.54	—	—	2.00E+00	ug/L	J	J	09-2597	CAPU-09-11222	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	17	—	—	2.00E+00	ug/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.1	—	—	2.00E+00	ug/L	J	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	16	—	—	2.00E+00	ug/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	4.9	—	—	2.90E+00	ug/L	B	J	118S	CAPU-01-0202	GEL
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.38	—	—	1.00E-01	ug/L	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.5	—	—	1.00E-01	ug/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	4	—	—	2.00E+00	ug/L	J	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3	—	—	2.00E+00	ug/L	J	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.58	—	—	1.00E-01	ug/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.3	—	—	1.00E-01	ug/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.1	—	—	2.00E+00	ug/L	J	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.6	—	—	2.00E+00	ug/L	J	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.01	—	—	5.80E-01	ug/L	B	J	118S	CAPU-01-0202	GEL
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.13	—	—	5.00E-01	ug/L	J	J	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	5.00E-01	ug/L	J	J	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.2	—	—	5.00E-01	ug/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	5.00E-01	ug/L	J	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.76	—	—	5.00E-01	ug/L	J	J	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2	—	—	5.00E-01	ug/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.9	—	—	5.00E-01	ug/L	J	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2	—	—	5.00E-01	ug/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	<	5	—	—	7.40E-01	ug/L	U	U	118S	CAPU-01-0202	GEL
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	24.5	—	—	5.30E-02	mg/L	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	29.3	—	—	3.20E-02	mg/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	100	—	—	1.00E+00	ug/L	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	76.4	—	—	1.00E+00	ug/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	145	—	—	1.00E+00	ug/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	92.5	—	—	1.00E+00	ug/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	95.9	—	—	1.00E+00	ug/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	77.7	—	—	1.00E+00	ug/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	145	—	—	1.00E+00	ug/L	—	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	95.6	—	—	1.00E+00	ug/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.447	—	—	5.00E-02	ug/L	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.29	—	—	5.00E-02	ug/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.68	—	—	5.00E-02	ug/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.26	—	—	5.00E-02	ug/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.665	—	—	5.00E-02	ug/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.55	—	—	5.00E-02	ug/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.72	—	—	5.00E-02	ug/L	—	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.35	—	—	5.00E-02	ug/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.98	—	—	1.00E-02	ug/L	E	—	118S	CAPU-01-0202	GEL
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.71	—	—	1.00E+00	ug/L	J	J	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.1	—	—	1.00E+00	ug/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.9	—	—	1.00E+00	ug/L	J	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.9	—	—	1.00E+00	ug/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.8	—	—	1.00E+00	ug/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.4	—	—	1.00E+00	ug/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.1	—	—	1.00E+00	ug/L	—	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.2	—	—	1.00E+00	ug/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	2.92	—	—	1.10E+00	ug/L	B	J	118S	CAPU-01-0202	GEL
PAO-2	6801	6.06	07/10/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	26.6	—	—	3.30E+00	ug/L	—	—	09-2597	CAPU-09-11224	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	13.9	—	—	2.00E+00	ug/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	8.2	—	—	2.00E+00	ug/L	J	U	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	30.9	—	—	3.30E+00	ug/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	21.8	—	—	2.00E+00	ug/L	—	—	08-1839	CAPU-08-14570	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.3	—	—	2.00E+00	ug/L	J	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.6	—	—	2.00E+00	ug/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	11.39	—	—	2.79E+00	ug/L	B	J	118S	CAPU-01-0202	GEL
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0027	1.73E-03	3.10E-02	—	pCi/L	U	U	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00305	6.87E-04	3.31E-02	—	pCi/L	U	U	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0242	5.47E-03	2.37E-02	—	pCi/L	U	U	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0124	3.67E-03	4.10E-02	—	pCi/L	U	U	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	—	0.0401	4.33E-03	3.90E-02	—	pCi/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00397	1.26E-03	2.99E-02	—	pCi/L	U	U	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	—	0.0653	6.07E-03	2.73E-02	—	pCi/L	—	J	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.02	2.80E-03	7.95E-03	—	pCi/L	—	U	122S	CAPU-01-0202	GEL
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	3.83	1.86E+00	1.80E+01	—	pCi/L	U	U	122S	CAPU-01-0202	GEL
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.585	4.67E-01	4.30E+00	—	pCi/L	U	U	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.133	5.40E-01	5.31E+00	—	pCi/L	U	U	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.37	3.53E-01	4.01E+00	—	pCi/L	U	U	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.35	4.33E-01	3.50E+00	—	pCi/L	U	U	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.27	5.00E-01	5.30E+00	—	pCi/L	U	U	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.524	3.67E-01	3.71E+00	—	pCi/L	U	U	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.2	3.47E-01	4.06E+00	—	pCi/L	U	U	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.27	3.33E-01	3.29E+00	—	pCi/L	U	U	122S	CAPU-01-0202	GEL
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.824	5.33E-01	4.80E+00	—	pCi/L	U	U	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.44	4.43E-01	4.83E+00	—	pCi/L	U	U	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.302	3.18E-01	3.63E+00	—	pCi/L	U	U	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.47	5.00E-01	5.20E+00	—	pCi/L	U	U	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.637	4.67E-01	4.60E+00	—	pCi/L	U	U	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.373	4.80E-01	3.97E+00	—	pCi/L	U	U	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.44	3.37E-01	3.35E+00	—	pCi/L	U	U	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.26	3.33E-01	3.29E+00	—	pCi/L	U	U	122S	CAPU-01-0202	GEL
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.18	2.73E-01	2.50E+00	—	pCi/L	U	U	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	13.2	6.37E-01	3.39E+00	—	pCi/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	8.39	3.33E-01	2.24E+00	—	pCi/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	12.1	6.33E-01	3.70E+00	—	pCi/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	10.6	5.50E-01	3.43E+00	—	pCi/L	—	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.58	1.80E-01	1.12E+00	—	pCi/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	35.5	7.67E+00	3.80E+01	—	pCi/L	U	U	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	64.2	1.68E+01	2.07E+02	—	pCi/L	U	U	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	94.8	2.79E+01	3.15E+02	—	pCi/L	U	U	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	68.8	1.00E+01	8.60E+01	—	pCi/L	U	U	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	12.9	2.27E+00	2.10E+01	—	pCi/L	U	U	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	85.5	2.65E+01	2.73E+02	—	pCi/L	U	U	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	84.6	3.28E+01	2.93E+02	—	pCi/L	U	U	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	10	3.67E+00	3.60E+01	—	pCi/L	U	U	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-10.1	3.83E+00	3.75E+01	—	pCi/L	U	U	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.13	2.46E+00	2.56E+01	—	pCi/L	U	U	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	32.6	4.33E+00	3.90E+01	—	pCi/L	U	U	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.39	3.67E+00	3.50E+01	—	pCi/L	U	U	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.424	2.63E+00	2.44E+01	—	pCi/L	U	U	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-9.1	2.74E+00	2.80E+01	—	pCi/L	U	U	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	06/21/01	WG	UF	CS	—	Rad	Gamma Spec	Neptunium-237	<	-14	3.83E+00	2.00E+01	—	pCi/L	U	U	9102R	CAPU-01-0078	PARA
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.57E-03	5.00E-02	—	pCi/L	U	U	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0041	1.37E-03	2.86E-02	—	pCi/L	U	U	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00339	5.40E-03	1.63E-02	—	pCi/L	U	U	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.33E-03	2.60E-02	—	pCi/L	U	U	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00331	2.47E-03	5.00E-02	—	pCi/L	U	U	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0051	1.70E-03	2.38E-02	—	pCi/L	U	U	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00549	1.37E-03	1.76E-02	—	pCi/L	U	U	169145	GU06070GPAO201	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.002692	8.97E-04	2.00E-02	—	pCi/L	U	U	122S	CAPU-01-0202	GEL
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.411	1.37E-02	5.70E-02	—	pCi/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.0471	3.33E-03	3.18E-02	—	pCi/L	—	J	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.271	8.20E-03	1.90E-02	—	pCi/L	—	—	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.842	1.80E-02	3.20E-02	—	pCi/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	1.66	3.67E-02	5.70E-02	—	pCi/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.246	7.83E-03	2.63E-02	—	pCi/L	—	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	1.17	2.31E-02	2.05E-02	—	pCi/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00806	2.01E-03	2.00E-02	—	pCi/L	U	U	122S	CAPU-01-0202	GEL
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.25	6.00E+00	6.20E+01	—	pCi/L	U	U	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	34.7	5.10E+00	5.90E+01	—	pCi/L	U	U	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	24.8	3.97E+00	4.80E+01	—	pCi/L	U	U	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7	7.67E+00	3.50E+01	—	pCi/L	U	U	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.31	6.00E+00	7.00E+01	—	pCi/L	U	U	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.84	5.07E+00	4.57E+01	—	pCi/L	U	U	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.7	5.27E+00	4.55E+01	—	pCi/L	U	U	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	16.6	6.33E+00	4.10E+01	—	pCi/L	U	U	122S	CAPU-01-0202	GEL
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0	2.40E-02	2.90E-01	—	pCi/L	U	U	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.957	7.67E-02	5.20E-01	—	pCi/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	4.63	9.67E-01	5.90E+00	—	pCi/L	U	U	122S	CAPU-01-0202	GEL
PAO-2	6801	6.06	06/21/01	WG	UF	CS	—	Rad	Gamma Spec	Radium-226	<	0	2.17E+01	1.00E+02	—	pCi/L	U	U	9102R	CAPU-01-0078	PARA
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.866	1.00E-01	7.80E-01	—	pCi/L	—	U	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.765	6.67E-02	4.50E-01	—	pCi/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	0.24	1.56E+00	1.50E+01	—	pCi/L	U	U	122S	CAPU-01-0202	GEL
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.309	4.33E-01	4.40E+00	—	pCi/L	U	U	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.57	5.67E-01	5.99E+00	—	pCi/L	U	U	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.209	3.05E-01	3.48E+00	—	pCi/L	U	U	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.85	4.67E-01	4.10E+00	—	pCi/L	U	U	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.26	4.67E-01	4.90E+00	—	pCi/L	U	U	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.47	3.70E-01	3.00E+00	—	pCi/L	U	U	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.17	3.40E-01	3.87E+00	—	pCi/L	U	U	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.31	3.17E-01	3.50E+00	—	pCi/L	U	U	122S	CAPU-01-0202	GEL
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	1.04	3.67E-02	1.60E-01	—	pCi/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	1.99	8.77E-02	4.25E-01	—	pCi/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	1.41	8.97E-02	6.89E-01	—	pCi/L	—	J	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.738	6.00E-02	4.20E-01	—	pCi/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.08	4.00E-02	1.90E-01	—	pCi/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.37	7.47E-02	4.81E-01	—	pCi/L	—	J	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0355	2.99E-02	3.04E-01	—	pCi/L	U	U	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	10.4	5.33E-01	8.90E-01	—	pCi/L	—	—	122S	CAPU-01-0202	GEL
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.172	1.17E-02	1.60E-01	—	pCi/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.601	1.71E-02	3.29E-02	—	pCi/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.15	8.60E-03	7.43E-02	—	pCi/L	—	J	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.376	1.47E-02	1.10E-01	—	pCi/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.339	1.27E-02	9.80E-02	—	pCi/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.49	1.57E-02	3.66E-02	—	pCi/L	—	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.19	8.47E-03	5.20E-02	—	pCi/L	—	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.22	3.67E-02	3.00E-02	—	pCi/L	—	—	122S	CAPU-01-0202	GEL
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0118	5.00E-03	8.70E-02	—	pCi/L	U	U	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0228	3.04E-03	4.41E-02	—	pCi/L	U	U	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0264	4.20E-03	6.26E-02	—	pCi/L	U	U	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0208	3.67E-03	5.30E-02	—	pCi/L	U	U	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0106	3.10E-03	5.20E-02	—	pCi/L	U	U	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00634	2.59E-03	4.90E-02	—	pCi/L	U	U	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0185	3.27E-03	4.39E-02	—	pCi/L	U	U	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.05	3.33E-03	4.00E-02	—	pCi/L	—	—	122S	CAPU-01-0202	GEL

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-2	6801	6.06	09/03/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0906	8.67E-03	8.60E-02	—	pCi/L	—	—	08-1839	CAPU-08-14571	GELC
PAO-2	6801	6.06	07/25/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.363	1.20E-02	4.39E-02	—	pCi/L	—	—	190278	GF07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0641	5.47E-03	7.90E-02	—	pCi/L	U	U	169145	GF06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.2	9.33E-03	5.30E-02	—	pCi/L	—	—	09-2597	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.191	9.00E-03	5.10E-02	—	pCi/L	—	—	08-1839	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.303	1.12E-02	4.87E-02	—	pCi/L	—	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.117	6.60E-03	5.53E-02	—	pCi/L	—	J	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	10/30/01	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.61	2.00E-02	3.00E-02	—	pCi/L	—	—	122S	CAPU-01-0202	GEL
PAO-2	6801	6.06	07/10/09	WG	UF	CS	EQB	Voa	SW-846:8260B	Chloroform	—	1.79	—	—	2.50E-01	ug/L	—	—	09-2596	CAPU-09-11370	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	U	08-1838	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	—	169145	GU06070GPAO201	GELC
PAO-2	6801	6.06	07/10/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.63	—	—	3.00E-01	ug/L	J	J	09-2596	CAPU-09-11222	GELC
PAO-2	6801	6.06	09/03/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1838	CAPU-08-14570	GELC
PAO-2	6801	6.06	07/25/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	190278	GU07070GPAO201	GELC
PAO-2	6801	6.06	08/10/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	169145	GU06070GPAO201	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	—	0.00000356	—	—	3.56E-06	ug/L	J	J	09-2691	CAPU-09-11225	ALTC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	—	0.00000647	—	—	6.47E-06	ug/L	J	J	08-1852	CAPU-08-14567	ALTC
PAO-4	5591	1.97	01/16/08	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	—	0.00000598	—	—	5.98E-06	ug/L	J	J	08-525	CAPU-08-9767	ALTC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	—	0.0000211	—	—	2.11E-05	ug/L	J	J	29270	AU07070G4OAP01	ALTC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofurans (Total)	—	0.00000356	—	—	3.56E-06	ug/L	—	—	09-2691	CAPU-09-11225	ALTC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofurans (Total)	—	0.00000647	—	—	6.47E-06	ug/L	—	—	08-1852	CAPU-08-14567	ALTC
PAO-4	5591	1.97	01/16/08	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofurans (Total)	—	0.00000598	—	—	5.98E-06	ug/L	—	—	08-525	CAPU-08-9767	ALTC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzofurans (Total)	—	0.0000211	—	—	2.11E-05	ug/L	—	J	29270	AU07070G4OAP01	ALTC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Hexachlorodibenzofuran[1,2,3,4,7,8-]	—	0.00000131	—	—	1.31E-06	ug/L	J	J	09-2691	CAPU-09-11225	ALTC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Diox/Fur	SW-846:8290	Hexachlorodibenzofuran[1,2,3,4,7,8-]	—	0.00000212	—	—	2.12E-06	ug/L	J	J	08-1852	CAPU-08-14567	ALTC
PAO-4	5591	1.97	01/16/08	WG	UF	CS	—	Diox/Fur	SW-846:8290	Hexachlorodibenzofuran[1,2,3,4,7,8-]	—	0.00000232	—	—	2.32E-06	ug/L	J	J	08-525	CAPU-08-9767	ALTC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Diox/Fur	SW-846:8290	Hexachlorodibenzofuran[1,2,3,4,7,8-]	—	0.00000692	—	—	6.92E-06	ug/L	J	J	29270	AU07070G4OAP01	ALTC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Hexachlorodibenzofurans (Total)	—	0.00000309	—	—	3.09E-06	ug/L	—	—	09-2691	CAPU-09-11225	ALTC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Diox/Fur	SW-846:8290	Hexachlorodibenzofurans (Total)	—	0.00000505	—	—	5.05E-06	ug/L	—	—	08-1852	CAPU-08-14567	ALTC
PAO-4	5591	1.97	01/16/08	WG	UF	CS	—	Diox/Fur	SW-846:8290	Hexachlorodibenzofurans (Total)	—	0.00000522	—	—	5.22E-06	ug/L	—	—	08-525	CAPU-08-9767	ALTC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Diox/Fur	SW-846:8290	Hexachlorodibenzofurans (Total)	—	0.0000156	—	—	1.56E-05	ug/L	—	J	29270	AU07070G4OAP01	ALTC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	—	0.00000465	—	—	4.65E-06	ug/L	J	J	09-2691	CAPU-09-11225	ALTC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	<	0.00000547	—	—	5.47E-06	ug/L	U	U	08-1852	CAPU-08-14567	ALTC
PAO-4	5591	1.97	01/16/08	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	—	0.00000567	—	—	5.67E-06	ug/L	J	J	08-525	CAPU-08-9767	ALTC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	—	0.00000924	—	—	9.24E-06	ug/L	J	J	29270	AU07070G4OAP01	ALTC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	—	0.00000381	—	—	3.81E-06	ug/L	J	J	09-2691	CAPU-09-11225	ALTC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	—	0.00000888	—	—	8.88E-06	ug/L	J	J	08-1852	CAPU-08-14567	ALTC
PAO-4	5591	1.97	01/16/08	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	—	0.00000672	—	—	6.72E-06	ug/L	J	J	08-525	CAPU-08-9767	ALTC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	—	0.000017	—	—	1.70E-05	ug/L	J	J	29270	AU07070G4OAP01	ALTC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	204	—	—	7.30E-01	mg/L	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	01/07/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	118	—	—	7.30E-01	mg/L	—	—	09-590	CAPU-09-1772	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	194	—	—	7.30E-01	mg/L	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	154	—	—	7.30E-01	mg/L	—	—	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	278	—	—	7.25E-01	mg/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	1.02	—	—	1.60E-02	mg/L	—	J	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	01/07/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.109	—	—	3.00E-02	mg/L	—	J	09-590	CAPU-09-1772	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	3.98	—	—	1.50E-01	mg/L	—	J	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	10.3	—	—	3.00E-01	mg/L	—	—	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	30.3	—	—	1.50E+00	mg/L	—	J	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.123	—	—	6.60E-02	mg/L	J	J	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	01/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.70E-02	mg/L	U	U	09-590	CAPU-09-1772	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.094	—	—	6.70E-02	mg/L	J	J	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.153	—	—	6.60E-02	mg/L	J	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	37.7	—	—	5.00E-02	mg/L	—	—	09-2690	CAPU-09-11226	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	32.9	—	—	3.00E-02	mg/L	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	33.9	—	—	3.00E-02	mg/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	50.3	—	—	3.60E-02	mg/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	35.9	—	—	5.00E-02	mg/L	—	—	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	33.7	—	—	3.00E-02	mg/L	—	—	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	33.8	—	—	3.00E-02	mg/L	—	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	51.2	—	—	3.60E-02	mg/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	41.1	—	—	3.30E-01	mg/L	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	01/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	45.7	—	—	3.30E-01	mg/L	—	—	09-590	CAPU-09-1772	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	49.2	—	—	3.30E-01	mg/L	—	J-	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	44.5	—	—	3.30E-01	mg/L	—	—	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	42.5	—	—	6.60E-01	mg/L	—	J	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.791	—	—	3.30E-02	mg/L	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	01/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.529	—	—	3.30E-02	mg/L	—	—	09-590	CAPU-09-1772	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.525	—	—	3.30E-02	mg/L	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.446	—	—	3.30E-02	mg/L	—	J-	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.406	—	—	3.30E-02	mg/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	125	—	—	3.50E-01	mg/L	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	107	—	—	3.50E-01	mg/L	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	113	—	—	4.25E-01	mg/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	145	—	—	2.00E-02	mg/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	119	—	—	3.50E-01	mg/L	—	—	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	109	—	—	3.50E-01	mg/L	—	—	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	113	—	—	4.25E-01	mg/L	—	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	145	—	—	2.00E-02	mg/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.58	—	—	8.50E-02	mg/L	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.03	—	—	8.50E-02	mg/L	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.84	—	—	8.50E-02	mg/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.31	—	—	8.50E-02	mg/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.09	—	—	8.50E-02	mg/L	—	—	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.06	—	—	8.50E-02	mg/L	—	—	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.92	—	—	8.50E-02	mg/L	—	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.53	—	—	8.50E-02	mg/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	13.7	—	—	5.00E-02	mg/L	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	12.9	—	—	5.00E-02	mg/L	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	18.7	—	—	5.00E-02	mg/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	11.5	—	—	5.00E-02	mg/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	12.8	—	—	5.00E-02	mg/L	—	—	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	13	—	—	5.00E-02	mg/L	—	—	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	18.6	—	—	5.00E-02	mg/L	—	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	11.7	—	—	5.00E-02	mg/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	80.4	—	—	3.20E-02	mg/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	73.2	—	—	1.00E-01	mg/L	*	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	62.6	—	—	4.50E-02	mg/L	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	61.9	—	—	4.50E-02	mg/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	63	—	—	4.50E-02	mg/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	63.1	—	—	1.00E-01	mg/L	*	—	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	63.7	—	—	4.50E-02	mg/L	—	—	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	61.1	—	—	4.50E-02	mg/L	—	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	65.5	—	—	4.50E-02	mg/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	560	—	—	1.00E+00	uS/cm	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	01/07/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	462	—	—	1.00E+00	uS/cm	—	—	09-590	CAPU-09-1772	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	579	—	—	1.00E+00	uS/cm	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	507	—	—	1.00E+00	uS/cm	—	—	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	762	—	—	1.00E+00	uS/cm	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.84	—	—	1.00E-01	mg/L	—	—	09-2690	CAPU-09-11226	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-4	5591	1.97	01/07/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	16.4	—	—	1.00E-01	mg/L	—	—	09-590	CAPU-09-1772	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.62	—	—	1.00E-01	mg/L	—	J-	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	20.3	—	—	1.00E-01	mg/L	—	—	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.03	—	—	1.00E-01	mg/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	377	—	—	2.40E+00	mg/L	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	01/07/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	301	—	—	2.40E+00	mg/L	—	—	09-590	CAPU-09-1772	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	415	—	—	2.40E+00	mg/L	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	311	—	—	2.40E+00	mg/L	—	—	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	382	—	—	2.38E+00	mg/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	1.61	—	—	3.30E-02	mg/L	—	—	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	01/07/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.669	—	—	2.90E-02	mg/L	—	J	09-590	CAPU-09-1773	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	3.45	—	—	2.90E-02	mg/L	—	J	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	01/16/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	6.67	—	—	2.90E-01	mg/L	—	—	08-526	CAPU-08-9767	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	15.9	—	—	3.30E-01	mg/L	—	J	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	01/07/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	8.16	—	—	3.30E-01	mg/L	—	—	09-590	CAPU-09-1773	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	18.4	—	—	6.60E-01	mg/L	—	—	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	01/16/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	9.29	—	—	3.30E-01	mg/L	—	—	08-526	CAPU-08-9767	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	4.48	—	—	7.50E-02	mg/L	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	01/07/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	3.36	—	—	1.20E-01	mg/L	—	J-	09-590	CAPU-09-1772	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	3.17	—	—	1.20E-01	mg/L	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.98	—	—	1.20E-01	mg/L	—	—	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	9.73	—	—	1.20E-01	mg/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.01	—	—	1.00E-02	SU	H	J-	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	01/07/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.1	—	—	1.00E-02	SU	H	J-	09-590	CAPU-09-1772	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.92	—	—	1.00E-02	SU	H	J-	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.26	—	—	1.00E-02	SU	H	J-	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.96	—	—	1.00E-02	SU	H	J	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	79.1	—	—	1.00E+00	ug/L	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	114	—	—	1.00E+00	ug/L	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	218	—	—	1.00E+00	ug/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	92	—	—	1.00E+00	ug/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	76.7	—	—	1.00E+00	ug/L	—	—	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	108	—	—	1.00E+00	ug/L	—	—	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	227	—	—	1.00E+00	ug/L	—	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	87.7	—	—	1.00E+00	ug/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	325	—	—	1.50E+01	ug/L	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	320	—	—	1.00E+01	ug/L	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	304	—	—	1.00E+01	ug/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	368	—	—	1.00E+01	ug/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	309	—	—	1.50E+01	ug/L	—	—	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	316	—	—	1.00E+01	ug/L	—	—	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	299	—	—	1.00E+01	ug/L	—	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	383	—	—	1.00E+01	ug/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	2.38	—	—	1.00E+00	ug/L	J	J	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	2.3	—	—	1.00E+00	ug/L	J	J	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	3.8	—	—	1.00E+00	ug/L	J	JN-	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.7	—	—	1.00E+00	ug/L	J	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	2.28	—	—	1.00E+00	ug/L	J	J	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	2.1	—	—	1.00E+00	ug/L	J	J	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1.00E+00	ug/L	U	UJ	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.7	—	—	1.00E+00	ug/L	J	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	5210	—	—	3.00E+01	ug/L	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	6990	—	—	2.50E+01	ug/L	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	4500	—	—	2.50E+01	ug/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	407	—	—	1.80E+01	ug/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	4820	—	—	3.00E+01	ug/L	—	—	09-2690	CAPU-09-11225	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	6880	—	—	2.50E+01	ug/L	—	—	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	3990	—	—	2.50E+01	ug/L	—	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	400	—	—	1.80E+01	ug/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Metals	SW-846:6020	Lead	—	0.757	—	—	5.00E-01	ug/L	J	J	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Metals	SW-846:6020	Lead	—	0.59	—	—	5.00E-01	ug/L	J	J	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.892	—	—	5.00E-01	ug/L	J	J	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.71	—	—	5.00E-01	ug/L	J	J	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	1520	—	—	2.00E+00	ug/L	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2080	—	—	2.00E+00	ug/L	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2240	—	—	2.00E+00	ug/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	397	—	—	2.00E+00	ug/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	1450	—	—	2.00E+00	ug/L	—	—	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2070	—	—	2.00E+00	ug/L	—	—	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2270	—	—	2.00E+00	ug/L	—	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	380	—	—	2.00E+00	ug/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4	—	—	1.00E-01	ug/L	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.7	—	—	1.00E-01	ug/L	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	11.1	—	—	2.00E+00	ug/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4.03	—	—	1.00E-01	ug/L	—	—	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.7	—	—	1.00E-01	ug/L	—	—	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	11.8	—	—	2.00E+00	ug/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	7.51	—	—	5.00E-01	ug/L	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	9.3	—	—	5.00E-01	ug/L	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.2	—	—	5.00E-01	ug/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	8.3	—	—	5.00E-01	ug/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	7.7	—	—	5.00E-01	ug/L	—	—	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	9	—	—	5.00E-01	ug/L	—	—	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.8	—	—	5.00E-01	ug/L	—	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	8.1	—	—	5.00E-01	ug/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.6	—	—	5.30E-02	mg/L	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	01/07/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	59.5	—	—	3.20E-02	mg/L	—	—	09-590	CAPU-09-1772	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63.4	—	—	3.20E-02	mg/L	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	52.3	—	—	3.20E-02	mg/L	—	—	08-526	CAPU-08-9766	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	173	—	—	1.00E+00	ug/L	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	155	—	—	1.00E+00	ug/L	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	188	—	—	1.00E+00	ug/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	217	—	—	1.00E+00	ug/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	153	—	—	1.00E+00	ug/L	—	—	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	157	—	—	1.00E+00	ug/L	—	—	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	180	—	—	1.00E+00	ug/L	—	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	220	—	—	1.00E+00	ug/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.353	—	—	3.00E-01	ug/L	J	J	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.63	—	—	3.00E-01	ug/L	J	J	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.834	—	—	5.00E-02	ug/L	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.41	—	—	5.00E-02	ug/L	—	—	08-1849	CAPU-08-14568	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.05	—	—	5.00E-02	ug/L	U	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.46	—	—	5.00E-02	ug/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.911	—	—	5.00E-02	ug/L	—	—	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.44	—	—	5.00E-02	ug/L	—	—	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.05	—	—	5.00E-02	ug/L	U	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.47	—	—	5.00E-02	ug/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.76	—	—	1.00E+00	ug/L	J	J	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.8	—	—	1.00E+00	ug/L	—	—	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.6	—	—	1.00E+00	ug/L	J	JN-	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.3	—	—	1.00E+00	ug/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.3	—	—	1.00E+00	ug/L	J	J	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.8	—	—	1.00E+00	ug/L	—	—	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.4	—	—	1.00E+00	ug/L	J	JN-	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.3	—	—	1.00E+00	ug/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	15.8	—	—	3.30E+00	ug/L	—	—	09-2690	CAPU-09-11226	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3	—	—	2.00E+00	ug/L	J	J	08-1849	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.2	—	—	2.00E+00	ug/L	J	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	22.8	—	—	2.00E+00	ug/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.6	—	—	3.30E+00	ug/L	—	—	09-2690	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.3	—	—	2.00E+00	ug/L	J	J	08-1849	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.2	—	—	2.00E+00	ug/L	J	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	25.6	—	—	2.00E+00	ug/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0284	3.17E-03	3.60E-02	—	pCi/L	U	U	08-1848	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00855	1.58E-03	5.11E-02	—	pCi/L	U	U	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00347	5.23E-03	3.07E-02	—	pCi/L	U	U	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0136	4.23E-03	3.60E-02	—	pCi/L	U	U	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0222	5.00E-03	4.80E-02	—	pCi/L	U	U	09-2689	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0135	3.23E-03	3.30E-02	—	pCi/L	U	U	08-1848	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0175	2.75E-03	4.81E-02	—	pCi/L	U	U	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.014	5.97E-03	3.69E-02	—	pCi/L	U	U	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.167	5.00E-01	4.50E+00	—	pCi/L	U	U	08-1848	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.53	5.07E-01	4.71E+00	—	pCi/L	U	U	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.753	3.67E-01	3.68E+00	—	pCi/L	U	U	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.718	2.69E-01	2.80E+00	—	pCi/L	U	U	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.814	4.00E-01	4.00E+00	—	pCi/L	U	U	09-2689	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.82	5.00E-01	4.10E+00	—	pCi/L	U	U	08-1848	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.92	2.35E-01	2.40E+00	—	pCi/L	U	U	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.489	3.57E-01	3.93E+00	—	pCi/L	U	U	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.745	4.00E-01	4.20E+00	—	pCi/L	U	U	08-1848	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.912	4.60E-01	4.81E+00	—	pCi/L	U	U	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.49	3.37E-01	2.72E+00	—	pCi/L	U	U	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.312	2.86E-01	3.19E+00	—	pCi/L	U	U	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.449	4.00E-01	3.80E+00	—	pCi/L	U	U	09-2689	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.86	5.00E-01	5.40E+00	—	pCi/L	U	U	08-1848	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.49	2.55E-01	2.45E+00	—	pCi/L	U	U	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.813	3.53E-01	4.23E+00	—	pCi/L	U	U	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.135	2.27E-01	2.60E+00	—	pCi/L	U	U	09-2689	CAPU-09-11225	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	17.9	9.13E-01	5.51E+00	—	pCi/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	13.6	2.54E-01	1.44E+00	—	pCi/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Rad	EPA:900	Gross beta	—	17.9	4.23E-01	3.18E+00	—	pCi/L	—	—	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	11.9	5.33E-01	2.90E+00	—	pCi/L	—	—	09-2689	CAPU-09-11225	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	15.7	8.50E-01	5.25E+00	—	pCi/L	—	J	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	12.9	2.42E-01	1.30E+00	—	pCi/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	7.7	4.00E+00	1.60E+01	—	pCi/L	U	U	08-1848	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	116	2.23E+01	2.73E+02	—	pCi/L	U	U	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	82.2	4.23E+01	2.23E+02	—	pCi/L	U	U	169145	GF06070G4OAP01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	56.9	2.65E+01	2.44E+02	—	pCi/L	U	U	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	74.5	2.13E+01	8.50E+01	—	pCi/L	U	U	09-2689	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	8.84	3.17E+00	2.30E+01	—	pCi/L	U	U	08-1848	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	40.5	1.02E+01	1.27E+02	—	pCi/L	U	U	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	59.8	1.70E+01	2.48E+02	—	pCi/L	U	U	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.405	4.00E+00	3.40E+01	—	pCi/L	U	U	08-1848	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12.7	5.30E+00	3.96E+01	—	pCi/L	U	U	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.54	2.80E+00	2.59E+01	—	pCi/L	U	U	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.39	2.23E+00	1.09E+01	—	pCi/L	U	U	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	16.4	3.33E+00	3.20E+01	—	pCi/L	U	U	09-2689	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.41	3.33E+00	3.30E+01	—	pCi/L	U	U	08-1848	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.26	3.57E+00	1.79E+01	—	pCi/L	U	U	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.42	2.83E+00	3.04E+01	—	pCi/L	U	U	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0101	2.53E-03	5.10E-02	—	pCi/L	U	U	08-1848	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.23E-04	3.59E-02	—	pCi/L	U	U	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00235	1.11E-03	2.26E-02	—	pCi/L	U	U	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00416	5.47E-03	4.30E-02	—	pCi/L	U	U	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0271	2.53E-03	3.30E-02	—	pCi/L	U	U	09-2689	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00357	2.07E-03	5.40E-02	—	pCi/L	U	U	08-1848	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00905	2.00E-03	3.47E-02	—	pCi/L	U	U	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00307	1.02E-03	2.94E-02	—	pCi/L	U	U	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.347	1.27E-02	5.80E-02	—	pCi/L	—	—	08-1848	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.226	7.67E-03	3.29E-02	—	pCi/L	—	—	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.124	6.20E-03	2.63E-02	—	pCi/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.191	7.83E-03	3.60E-02	—	pCi/L	—	J	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.192	7.67E-03	4.10E-02	—	pCi/L	—	—	09-2689	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.399	1.40E-02	6.10E-02	—	pCi/L	—	—	08-1848	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.284	8.83E-03	3.19E-02	—	pCi/L	—	—	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.165	7.93E-03	3.43E-02	—	pCi/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	42.7	5.33E+00	6.10E+01	—	pCi/L	U	U	08-1848	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	27.2	7.13E+00	7.25E+01	—	pCi/L	U	U	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-19.8	5.17E+00	4.84E+01	—	pCi/L	U	U	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	—	42.5	5.03E+00	2.84E+01	—	pCi/L	—	J	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0.748	8.33E+00	3.60E+01	—	pCi/L	U	U	09-2689	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	26.6	6.67E+00	7.10E+01	—	pCi/L	U	U	08-1848	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	27.8	4.53E+00	3.44E+01	—	pCi/L	U	U	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	32.2	4.33E+00	5.49E+01	—	pCi/L	U	U	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Rad	EPA:903.1	Radium-226	—	0.584	5.67E-02	4.41E-01	—	pCi/L	—	J	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	05/23/02	WG	F	CS	—	Rad	EPA:901.1	Radium-226	<	0	6.67E-01	7.10E+00	—	pCi/L	U	R	818S	CAPU-02-45065	GEL
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.47	1.20E-01	6.60E-01	—	pCi/L	—	—	09-2689	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.51	5.33E-02	3.70E-01	—	pCi/L	—	—	08-1848	CAPU-08-14567	GELC
PAO-4	5591	1.97	01/16/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.562	7.67E-02	6.60E-01	—	pCi/L	U	U	08-526	CAPU-08-9767	GELC
PAO-4	5591	1.97	05/23/02	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	2.15	1.07E+00	1.10E+01	—	pCi/L	U	U	818S	CAPU-02-45065	GEL
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.311	7.33E-02	7.10E-01	—	pCi/L	U	U	09-2689	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	-0.0171	3.33E-02	3.80E-01	—	pCi/L	U	U	08-1848	CAPU-08-14567	GELC
PAO-4	5591	1.97	01/16/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.56	7.00E-02	6.10E-01	—	pCi/L	U	U	08-526	CAPU-08-9767	GELC
PAO-4	5591	1.97	05/23/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	0	1.10E+00	1.20E+01	—	pCi/L	U	R	818S	CAPU-02-45066	GEL
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.76	4.33E-01	3.70E+00	—	pCi/L	U	U	08-1848	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.617	5.10E-01	4.90E+00	—	pCi/L	U	U	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.44	4.13E-01	4.39E+00	—	pCi/L	U	U	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.147	2.87E-01	2.96E+00	—	pCi/L	U	U	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.84	4.00E-01	3.20E+00	—	pCi/L	U	U	09-2689	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.247	4.00E-01	3.90E+00	—	pCi/L	U	U	08-1848	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0243	2.38E-01	2.36E+00	—	pCi/L	U	U	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.36	3.29E-01	4.43E+00	—	pCi/L	U	U	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.722	6.00E-02	4.60E-01	—	pCi/L	—	—	08-1848	CAPU-08-14568	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.028	3.31E-02	3.63E-01	—	pCi/L	U	U	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	1.53	7.77E-02	5.34E-01	—	pCi/L	—	J	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.484	2.32E-02	2.05E-01	—	pCi/L	—	J	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.717	5.67E-02	4.00E-01	—	pCi/L	—	—	09-2689	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.505	5.33E-02	4.70E-01	—	pCi/L	—	—	08-1848	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.928	5.53E-02	3.55E-01	—	pCi/L	—	J	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.23	6.10E-02	3.90E-01	—	pCi/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.155	6.67E-03	6.70E-02	—	pCi/L	—	—	08-1848	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.022	3.09E-03	2.80E-02	—	pCi/L	U	U	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.275	1.16E-02	6.31E-02	—	pCi/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.131	6.50E-03	7.50E-02	—	pCi/L	—	J	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.353	1.83E-02	2.00E-01	—	pCi/L	—	—	09-2689	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.209	8.67E-03	7.70E-02	—	pCi/L	—	—	08-1848	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0162	3.60E-03	2.84E-02	—	pCi/L	U	U	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.239	9.27E-03	4.94E-02	—	pCi/L	—	—	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0168	2.43E-03	3.60E-02	—	pCi/L	U	U	08-1848	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00495	2.02E-03	2.36E-02	—	pCi/L	U	U	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0224	3.57E-03	5.33E-02	—	pCi/L	U	U	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0207	2.99E-03	4.60E-02	—	pCi/L	U	U	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.033	5.67E-03	9.90E-02	—	pCi/L	U	U	09-2689	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0167	2.30E-03	4.10E-02	—	pCi/L	U	U	08-1848	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00502	1.19E-03	2.40E-02	—	pCi/L	U	U	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0146	2.60E-03	4.17E-02	—	pCi/L	U	U	169145	GU06070G4OAP01	GELC
PAO-4	5591	1.97	09/04/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.155	6.67E-03	3.50E-02	—	pCi/L	—	—	08-1848	CAPU-08-14568	GELC
PAO-4	5591	1.97	08/02/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.01	2.41E-03	3.77E-02	—	pCi/L	U	U	190796	GF07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.203	9.43E-03	6.72E-02	—	pCi/L	—	—	169145	GF06070G4OAP01	GELC
PAO-4	5591	1.97	05/09/05	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0573	4.23E-03	5.30E-02	—	pCi/L	—	J	136321	GF0505G4OAP01	GELC
PAO-4	5591	1.97	07/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.317	1.70E-02	9.90E-02	—	pCi/L	—	—	09-2689	CAPU-09-11225	GELC
PAO-4	5591	1.97	09/04/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.135	6.67E-03	4.00E-02	—	pCi/L	—	—	08-1848	CAPU-08-14567	GELC
PAO-4	5591	1.97	08/02/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0122	2.54E-03	3.83E-02	—	pCi/L	U	U	190796	GU07070G4OAP01	GELC
PAO-4	5591	1.97	08/10/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.182	7.77E-03	5.26E-02	—	pCi/L	—	—	169145	GU06070G4OAP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	168	—	—	7.30E-01	mg/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	01/22/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	183	—	—	7.30E-01	mg/L	—	—	09-714	CAPU-09-1778	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	172	—	—	7.30E-01	mg/L	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	175	—	—	7.30E-01	mg/L	—	—	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	151	—	—	7.25E-01	mg/L	—	—	190796	GF07070G4OAP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.042	—	—	1.60E-02	mg/L	J	J-	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	01/22/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	09-714	CAPU-09-1778	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.073	—	—	3.00E-02	mg/L	—	U	190796	GF07070G4OAP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	49.7	—	—	5.00E-02	mg/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	49.9	—	—	3.00E-02	mg/L	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	53	—	—	3.00E-02	mg/L	—	—	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	48.2	—	—	3.00E-02	mg/L	—	—	190796	GF07070G4OAP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	47.1	—	—	3.60E-02	mg/L	—	—	185012	GF070400G4OAP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	50.5	—	—	5.00E-02	mg/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	51.7	—	—	3.00E-02	mg/L	—	—	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	53	—	—	3.00E-02	mg/L	—	—	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	54.3	—	—	3.00E-02	mg/L	—	—	190796	GU07070G4OAP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	50.9	—	—	3.60E-02	mg/L	—	—	185012	GU070400G4OAP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	47.4	—	—	3.30E-01	mg/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	01/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	45.1	—	—	3.30E-01	mg/L	—	—	09-714	CAPU-09-1778	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	45.2	—	—	3.30E-01	mg/L	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	42.8	—	—	6.60E-01	mg/L	—	—	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	42.5	—	—	6.60E-01	mg/L	—	J	190796	GF07070G4OAP01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
POI-4	4291	159	07/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.386	—	—	3.30E-02	mg/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	01/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.289	—	—	3.30E-02	mg/L	—	J-	09-714	CAPU-09-1778	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.308	—	—	3.30E-02	mg/L	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.289	—	—	3.30E-02	mg/L	—	—	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.301	—	—	3.30E-02	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	177	—	—	3.50E-01	mg/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	179	—	—	3.50E-01	mg/L	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	184	—	—	4.30E-01	mg/L	—	—	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	171	—	—	4.25E-01	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	168	—	—	4.40E-01	mg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	180	—	—	3.50E-01	mg/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	183	—	—	3.50E-01	mg/L	—	—	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	186	—	—	4.30E-01	mg/L	—	—	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	196	—	—	4.25E-01	mg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	181	—	—	4.40E-01	mg/L	—	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.8	—	—	8.50E-02	mg/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	13.2	—	—	8.50E-02	mg/L	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.6	—	—	8.50E-02	mg/L	—	—	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.4	—	—	8.50E-02	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.1	—	—	8.50E-02	mg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	13.1	—	—	8.50E-02	mg/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	13.1	—	—	8.50E-02	mg/L	—	—	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	13.1	—	—	8.50E-02	mg/L	—	—	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	14.7	—	—	8.50E-02	mg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	13.1	—	—	8.50E-02	mg/L	—	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	5.26	—	—	1.00E-01	mg/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	01/22/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.95	—	—	1.00E-01	mg/L	—	J-	09-714	CAPU-09-1778	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	5.05	—	—	1.00E-01	mg/L	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	7.65	—	—	1.00E-01	mg/L	—	J-	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	6.68	—	—	2.50E-01	mg/L	—	J	190796	GF070700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.322	—	—	5.00E-02	ug/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	01/22/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.313	—	—	5.00E-02	ug/L	—	—	09-714	CAPU-09-1778	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.372	—	—	5.00E-02	ug/L	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.246	—	—	5.00E-02	ug/L	—	—	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.234	—	—	5.00E-02	ug/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.15	—	—	5.00E-02	mg/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.78	—	—	5.00E-02	mg/L	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.16	—	—	5.00E-02	mg/L	—	—	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.3	—	—	5.00E-02	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.66	—	—	5.00E-02	mg/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.16	—	—	5.00E-02	mg/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.07	—	—	5.00E-02	mg/L	—	—	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.67	—	—	5.00E-02	mg/L	—	—	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.61	—	—	5.00E-02	mg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.46	—	—	5.00E-02	mg/L	—	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	53.9	—	—	3.20E-02	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	46.2	—	—	1.00E-01	mg/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	42.6	—	—	4.50E-02	mg/L	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	53	—	—	4.50E-02	mg/L	—	—	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	48.3	—	—	4.50E-02	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	51.1	—	—	4.50E-02	mg/L	E	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	38.7	—	—	1.00E-01	mg/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	43.1	—	—	4.50E-02	mg/L	—	—	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	52.3	—	—	4.50E-02	mg/L	—	—	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	51.3	—	—	4.50E-02	mg/L	—	—	190796	GU070700G4OP01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
POI-4	4291	159	04/25/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	53.7	—	—	4.50E-02	mg/L	E	J	185012	GU070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	560	—	—	1.00E+00	uS/cm	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	01/22/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	582	—	—	1.00E+00	uS/cm	—	—	09-714	CAPU-09-1778	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	593	—	—	1.00E+00	uS/cm	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	576	—	—	1.00E+00	uS/cm	—	—	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	595	—	—	1.00E+00	uS/cm	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	28.2	—	—	1.00E-01	mg/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	01/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	28.2	—	—	1.00E-01	mg/L	—	—	09-714	CAPU-09-1778	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	26	—	—	1.00E-01	mg/L	—	J-	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	26.5	—	—	1.00E-01	mg/L	—	—	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	22.5	—	—	1.00E-01	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	369	—	—	2.40E+00	mg/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	01/22/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	365	—	—	2.40E+00	mg/L	—	—	09-714	CAPU-09-1778	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	370	—	—	2.40E+00	mg/L	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	393	—	—	2.40E+00	mg/L	—	—	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	391	—	—	2.38E+00	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.245	—	—	2.90E-02	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.232	—	—	3.30E-02	mg/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	01/22/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	U	09-714	CAPU-09-1779	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.135	—	—	2.90E-02	mg/L	—	U	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.071	—	—	2.90E-02	mg/L	J	J	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.219	—	—	2.90E-02	mg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.64	—	—	3.30E-01	mg/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	01/22/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.26	—	—	3.30E-01	mg/L	—	—	09-714	CAPU-09-1779	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.65	—	—	3.30E-01	mg/L	—	—	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.74	—	—	3.30E-01	mg/L	—	—	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.48	—	—	3.30E-01	mg/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	1.22	—	—	1.50E-02	mg/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	01/22/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	1.4	—	—	2.40E-02	mg/L	—	J-	09-714	CAPU-09-1778	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.032	—	—	2.40E-02	mg/L	J	J	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	1.34	—	—	2.40E-02	mg/L	—	J	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	1.14	—	—	2.40E-02	mg/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.18	—	—	1.00E-02	SU	H	J-	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	01/22/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.26	—	—	1.00E-02	SU	H	J-	09-714	CAPU-09-1778	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.23	—	—	1.00E-02	SU	H	J-	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.38	—	—	1.00E-02	SU	H	J-	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.84	—	—	1.00E-02	SU	H	J	190796	GF070700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	115	—	—	1.00E+00	ug/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	112	—	—	1.00E+00	ug/L	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	117	—	—	1.00E+00	ug/L	—	—	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	106	—	—	1.00E+00	ug/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	108	—	—	1.00E+00	ug/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	121	—	—	1.00E+00	ug/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	121	—	—	1.00E+00	ug/L	—	—	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	131	—	—	1.00E+00	ug/L	—	—	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	151	—	—	1.00E+00	ug/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	118	—	—	1.00E+00	ug/L	—	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	237	—	—	1.50E+01	ug/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	225	—	—	1.00E+01	ug/L	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	246	—	—	1.00E+01	ug/L	—	J	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	230	—	—	1.00E+01	ug/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	223	—	—	1.00E+01	ug/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	243	—	—	1.50E+01	ug/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	224	—	—	1.00E+01	ug/L	—	—	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	237	—	—	1.00E+01	ug/L	—	J	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	252	—	—	1.00E+01	ug/L	—	—	190796	GU070700G4OP01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	242	—	—	1.00E+01	ug/L	—	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	2.1	—	—	1.00E+00	ug/L	J	J	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.6	—	—	1.00E+00	ug/L	J	J	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.9	—	—	1.00E+00	ug/L	J	J	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.1	—	—	1.00E+00	ug/L	J	JN-	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1.6	—	—	1.00E+00	ug/L	J	U	185012	GF070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.76	—	—	1.00E+00	ug/L	J	J	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	2.1	—	—	1.00E+00	ug/L	J	J	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	2.4	—	—	1.00E+00	ug/L	J	J	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	2.7	—	—	1.00E+00	ug/L	J	JN-	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	2.3	—	—	1.00E+00	ug/L	J	U	185012	GU070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.92	—	—	1.00E-01	ug/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.8	—	—	1.00E-01	ug/L	—	J	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2.00E+00	ug/L	J	J	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.81	—	—	1.00E-01	ug/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.6	—	—	1.00E-01	ug/L	—	J	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.3	—	—	2.00E+00	ug/L	J	J	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.6	—	—	2.00E+00	ug/L	J	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	11.4	—	—	5.00E-01	ug/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	10.2	—	—	5.00E-01	ug/L	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	10.2	—	—	5.00E-01	ug/L	—	—	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	10.1	—	—	5.00E-01	ug/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	10.1	—	—	5.00E-01	ug/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	11.1	—	—	5.00E-01	ug/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	11	—	—	5.00E-01	ug/L	—	—	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	12.9	—	—	5.00E-01	ug/L	—	—	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	13.8	—	—	5.00E-01	ug/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	10.5	—	—	5.00E-01	ug/L	—	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.1	—	—	5.30E-02	mg/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	01/22/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	53.4	—	—	3.20E-02	mg/L	—	—	09-714	CAPU-09-1778	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	54.4	—	—	3.20E-02	mg/L	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56.7	—	—	3.20E-02	mg/L	—	—	08-552	CAPU-08-9906	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	259	—	—	1.00E+00	ug/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	251	—	—	1.00E+00	ug/L	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	269	—	—	1.00E+00	ug/L	—	—	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	237	—	—	1.00E+00	ug/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	243	—	—	1.00E+00	ug/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	229	—	—	1.00E+00	ug/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	260	—	—	1.00E+00	ug/L	—	—	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	275	—	—	1.00E+00	ug/L	—	—	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	277	—	—	1.00E+00	ug/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	260	—	—	1.00E+00	ug/L	—	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.327	—	—	3.00E-01	ug/L	J	J	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.74	—	—	5.00E-02	ug/L	—	—	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	3.1	—	—	5.00E-02	ug/L	—	—	08-1846	CAPU-08-14781	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	3.6	—	—	5.00E-02	ug/L	—	—	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	3.1	—	—	5.00E-02	ug/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	3	—	—	5.00E-02	ug/L	—	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.65	—	—	5.00E-02	ug/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3	—	—	5.00E-02	ug/L	—	—	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3.6	—	—	5.00E-02	ug/L	—	—	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3.2	—	—	5.00E-02	ug/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	3.1	—	—	5.00E-02	ug/L	—	—	185012	GU070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.78	—	—	1.00E+00	ug/L	J	J	09-2657	CAPU-09-11239	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.4	—	—	1.00E+00	ug/L	J	J	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.2	—	—	1.00E+00	ug/L	J	J	08-552	CAPU-08-9906	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.3	—	—	1.00E+00	ug/L	J	JN-	190796	GF070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4	—	—	1.00E+00	ug/L	J	—	185012	GF070400G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.56	—	—	1.00E+00	ug/L	J	J	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.7	—	—	1.00E+00	ug/L	—	—	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.3	—	—	1.00E+00	ug/L	—	—	08-552	CAPU-08-9905	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1.00E+00	ug/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	04/25/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	4.4	—	—	1.00E+00	ug/L	J	U	185012	GU070400G4OP01	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00604	1.53E-03	2.80E-02	—	pCi/L	U	U	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00466	1.17E-03	4.87E-02	—	pCi/L	U	U	190796	GF070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00319	1.42E-03	4.78E-02	—	pCi/L	U	U	168963	GF060700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00399	2.37E-03	3.90E-02	—	pCi/L	U	U	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000808	1.97E-03	3.20E-02	—	pCi/L	U	U	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00948	1.79E-03	3.83E-02	—	pCi/L	U	U	190796	GU070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0109	1.57E-03	2.29E-02	—	pCi/L	U	U	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.029	4.80E-03	5.60E-02	—	pCi/L	U	U	136186	GU05050G4OP01	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.75	5.33E-01	4.90E+00	—	pCi/L	U	U	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.12	4.17E-01	3.27E+00	—	pCi/L	U	U	190796	GF070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.87	3.29E-01	4.13E+00	—	pCi/L	U	U	168963	GF060700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.646	5.67E-01	5.20E+00	—	pCi/L	U	U	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.553	4.67E-01	4.60E+00	—	pCi/L	U	U	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0569	4.47E-01	4.35E+00	—	pCi/L	U	U	190796	GU070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.735	5.63E-01	5.86E+00	—	pCi/L	U	U	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	7.1	3.67E-01	4.30E+00	—	pCi/L	UI	R	136186	GU05050G4OP01	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.68	4.33E-01	3.30E+00	—	pCi/L	U	U	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.63	6.33E-01	2.13E+00	—	pCi/L	U	U	190796	GF070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.00834	4.90E-01	5.44E+00	—	pCi/L	U	U	168963	GF060700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.07	5.67E-01	6.00E+00	—	pCi/L	U	U	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.3	5.00E-01	4.30E+00	—	pCi/L	U	U	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.4	4.90E-01	5.36E+00	—	pCi/L	U	U	190796	GU070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.872	5.20E-01	5.60E+00	—	pCi/L	U	U	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.04	3.21E-01	3.59E+00	—	pCi/L	U	U	136186	GU05050G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.116	1.97E-01	2.80E+00	—	pCi/L	U	U	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	10.5	6.10E-01	3.85E+00	—	pCi/L	—	J	190796	GF070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	8.45	2.03E-01	1.24E+00	—	pCi/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.23	3.03E-01	1.90E+00	—	pCi/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	11.1	7.73E-01	5.92E+00	—	pCi/L	—	J	190796	GU070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.92	1.82E-01	1.22E+00	—	pCi/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	9.57	3.43E-01	3.17E+00	—	pCi/L	—	J	136186	GU05050G4OP01	GELC
POI-4	4291	159	06/24/04	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	10.7	3.23E-01	2.61E+00	—	pCi/L	—	—	115711	GU04060G4OP01	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	6.06	2.63E+00	1.00E+01	—	pCi/L	U	U	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	90.8	4.57E+01	3.02E+02	—	pCi/L	U	U	190796	GF070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	91.1	2.02E+01	2.26E+02	—	pCi/L	U	U	168963	GF060700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	143	1.23E+01	7.60E+01	—	pCi/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	8.5	2.87E+00	2.00E+01	—	pCi/L	U	U	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	95.3	3.14E+01	2.80E+02	—	pCi/L	U	U	190796	GU070700G4OP01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
POI-4	4291	159	08/08/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	70.4	2.10E+01	2.70E+02	—	pCi/L	U	U	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	79.3	2.88E+01	2.40E+02	—	pCi/L	U	U	136186	GU05050G4OP01	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-9.17	3.33E+00	3.10E+01	—	pCi/L	U	U	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.5	3.17E+00	3.12E+01	—	pCi/L	U	U	190796	GF070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.82	2.71E+00	2.76E+01	—	pCi/L	U	U	168963	GF060700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	21.1	4.33E+00	4.30E+01	—	pCi/L	U	U	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.45	4.00E+00	3.50E+01	—	pCi/L	U	U	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.19	3.67E+00	3.27E+01	—	pCi/L	U	U	190796	GU070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.98	2.06E+00	2.18E+01	—	pCi/L	U	U	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.59	2.16E+00	2.24E+01	—	pCi/L	U	U	136186	GU05050G4OP01	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00954	4.00E-03	4.80E-02	—	pCi/L	U	U	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0139	2.20E-03	3.80E-02	—	pCi/L	U	U	190796	GF070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00851	1.28E-03	1.64E-02	—	pCi/L	U	U	168963	GF060700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0124	4.00E-03	3.30E-02	—	pCi/L	U	U	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00335	1.57E-03	5.10E-02	—	pCi/L	U	U	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.70E-04	3.87E-02	—	pCi/L	U	U	190796	GU070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	6.73E-04	1.94E-02	—	pCi/L	U	U	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0174	3.77E-03	3.60E-02	—	pCi/L	U	U	136186	GU05050G4OP01	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00953	2.80E-03	5.50E-02	—	pCi/L	U	U	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00593	2.38E-03	3.48E-02	—	pCi/L	U	U	190796	GF070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.13E-03	1.91E-02	—	pCi/L	U	U	168963	GF060700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00622	1.83E-03	4.10E-02	—	pCi/L	U	U	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.0602	4.67E-03	5.70E-02	—	pCi/L	—	—	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0342	3.26E-03	3.55E-02	—	pCi/L	U	U	190796	GU070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0101	1.52E-03	2.26E-02	—	pCi/L	U	U	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0122	1.93E-03	3.10E-02	—	pCi/L	U	U	136186	GU05050G4OP01	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-28.2	5.67E+00	5.40E+01	—	pCi/L	U	U	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	16.7	6.53E+00	3.80E+01	—	pCi/L	U	U	190796	GF070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	15.4	5.13E+00	6.00E+01	—	pCi/L	U	U	168963	GF060700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	45.5	7.00E+00	7.90E+01	—	pCi/L	U	U	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	45.3	7.00E+00	2.80E+01	—	pCi/L	UI	R	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.76	6.17E+00	6.27E+01	—	pCi/L	U	U	190796	GU070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	49.8	3.90E+00	5.82E+01	—	pCi/L	U	U	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	46.1	3.87E+00	4.61E+01	—	pCi/L	U	J	136186	GU05050G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.37	4.00E-02	2.70E-01	—	pCi/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.531	5.67E-02	4.50E-01	—	pCi/L	—	—	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.154	4.00E-02	3.90E-01	—	pCi/L	U	U	08-552	CAPU-08-9905	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.231	4.27E-02	4.08E-01	—	pCi/L	U	U	136186	GU05050G4OP01	GELC
POI-4	4291	159	06/24/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.23	4.23E-02	3.94E-01	—	pCi/L	U	U	115711	GU04060G4OP01	GELC
POI-4	4291	159	06/24/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	6.91	1.96E+00	1.43E+01	—	pCi/L	U	U	115711	GU04060G4OP01	GELC
POI-4	4291	159	06/24/04	WG	UF	DUP	—	Rad	EPA:903.1	Radium-226	—	0.765	7.53E-02	5.41E-01	—	pCi/L	—	—	115578	GU04060G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.34	1.03E-01	6.40E-01	—	pCi/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.46	5.00E-02	4.10E-01	—	pCi/L	—	—	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	01/22/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.65	5.67E-02	4.50E-01	—	pCi/L	—	—	08-552	CAPU-08-9905	GELC
POI-4	4291	159	06/24/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	0.18	3.26E+00	2.61E+01	—	pCi/L	U	U	115711	GU04060G4OP01	GELC
POI-4	4291	159	08/20/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	2.28	2.22E+00	1.83E+01	—	pCi/L	U	U	86692	GU03080G4OP01	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.73	4.33E-01	3.80E+00	—	pCi/L	U	U	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	3.61	4.47E-01	3.81E+00	—	pCi/L	U	U	190796	GF070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.306	3.57E-01	4.01E+00	—	pCi/L	U	U	168963	GF060700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.16	5.00E-01	3.50E+00	—	pCi/L	U	U	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.11	4.00E-01	4.20E+00	—	pCi/L	U	U	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	3.02	5.07E-01	5.15E+00	—	pCi/L	U	U	190796	GU070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.619	5.53E-01	6.03E+00	—	pCi/L	U	U	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.29	3.43E-01	3.84E+00	—	pCi/L	U	U	136186	GU05050G4OP01	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0172	3.27E-02	3.70E-01	—	pCi/L	U	U	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.102	2.88E-02	3.51E-01	—	pCi/L	U	U	190796	GF070700G4OP01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
POI-4	4291	159	08/08/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0686	3.13E-02	3.19E-01	—	pCi/L	U	U	168963	GF060700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0863	4.67E-02	4.70E-01	—	pCi/L	U	U	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.129	3.00E-02	3.00E-01	—	pCi/L	U	U	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0499	2.35E-02	2.69E-01	—	pCi/L	U	U	190796	GU070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.146	3.31E-02	3.30E-01	—	pCi/L	U	U	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0522	2.38E-02	3.28E-01	—	pCi/L	U	U	136186	GU05050G4OP01	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.29	4.00E-02	1.80E-01	—	pCi/L	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.54	3.43E-02	2.62E-02	—	pCi/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.26	3.22E-02	5.59E-02	—	pCi/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.23	3.67E-02	1.20E-01	—	pCi/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.29	3.67E-02	1.60E-01	—	pCi/L	—	—	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.66	3.70E-02	2.71E-02	—	pCi/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.43	3.70E-02	6.66E-02	—	pCi/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.83	3.67E-02	7.20E-02	—	pCi/L	—	J	136186	GU05050G4OP01	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0528	6.33E-03	9.80E-02	—	pCi/L	U	U	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.067	4.33E-03	2.20E-02	—	pCi/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0298	4.83E-03	4.71E-02	—	pCi/L	U	U	168963	GF060700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0399	4.67E-03	6.00E-02	—	pCi/L	U	U	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0671	8.33E-03	8.30E-02	—	pCi/L	U	U	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0647	4.33E-03	2.29E-02	—	pCi/L	—	J	190796	GU070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0789	6.63E-03	5.62E-02	—	pCi/L	—	J	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.13	6.20E-03	4.40E-02	—	pCi/L	—	J	136186	GU05050G4OP01	GELC
POI-4	4291	159	09/04/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.822	2.97E-02	9.60E-02	—	pCi/L	—	—	08-1846	CAPU-08-14781	GELC
POI-4	4291	159	08/02/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	1.07	2.53E-02	3.52E-02	—	pCi/L	—	—	190796	GF070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.937	2.51E-02	5.94E-02	—	pCi/L	—	—	168963	GF060700G4OP01	GELC
POI-4	4291	159	07/15/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.859	2.70E-02	6.10E-02	—	pCi/L	—	—	09-2657	CAPU-09-11240	GELC
POI-4	4291	159	09/04/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.923	2.97E-02	8.10E-02	—	pCi/L	—	—	08-1846	CAPU-08-14782	GELC
POI-4	4291	159	08/02/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.32	3.03E-02	3.65E-02	—	pCi/L	—	—	190796	GU070700G4OP01	GELC
POI-4	4291	159	08/08/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.04	2.89E-02	7.08E-02	—	pCi/L	—	—	168963	GU060700G4OP01	GELC
POI-4	4291	159	05/07/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.12	2.48E-02	5.10E-02	—	pCi/L	—	—	136186	GU05050G4OP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	175	—	—	7.30E-01	mg/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	180	—	—	7.30E-01	mg/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	105	—	—	7.30E-01	mg/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	199	—	—	7.25E-01	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.915	—	—	1.60E-02	mg/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	3.83	—	—	6.00E-02	mg/L	—	J+	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.094	—	—	6.00E-02	mg/L	J	J-	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	20.8	—	—	6.00E-01	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.114	—	—	6.60E-02	mg/L	J	J	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.122	—	—	6.70E-02	mg/L	J	J	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.60E-02	mg/L	U	U	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.128	—	—	6.60E-02	mg/L	J	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	29.2	—	—	5.00E-02	mg/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	34.7	—	—	3.00E-02	mg/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.5	—	—	3.00E-02	mg/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.9	—	—	3.00E-02	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.2	—	—	5.00E-02	mg/L	—	—	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	34.6	—	—	3.00E-02	mg/L	—	—	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.6	—	—	3.00E-02	mg/L	—	—	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.7	—	—	3.00E-02	mg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	36.8	—	—	3.30E-01	mg/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	50.7	—	—	3.30E-01	mg/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	52.9	—	—	3.30E-01	mg/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	39.8	—	—	3.30E-01	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.521	—	—	3.30E-02	mg/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.659	—	—	3.30E-02	mg/L	—	—	08-1821	CAPU-08-14554	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.394	—	—	3.30E-02	mg/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.418	—	—	3.30E-02	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	96.6	—	—	3.50E-01	mg/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	113	—	—	3.50E-01	mg/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	78.6	—	—	4.30E-01	mg/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	66.1	—	—	4.25E-01	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	89.7	—	—	3.50E-01	mg/L	—	—	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	113	—	—	3.50E-01	mg/L	—	—	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	78.9	—	—	4.30E-01	mg/L	—	—	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	65.4	—	—	4.25E-01	mg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.77	—	—	8.50E-02	mg/L	E	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.5	—	—	8.50E-02	mg/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.41	—	—	8.50E-02	mg/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.84	—	—	8.50E-02	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.33	—	—	8.50E-02	mg/L	E	J	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.45	—	—	8.50E-02	mg/L	—	—	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.44	—	—	8.50E-02	mg/L	—	—	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.78	—	—	8.50E-02	mg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.45	—	—	5.00E-02	mg/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.361	—	—	5.00E-02	mg/L	—	J	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	7.33	—	—	1.00E-01	mg/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.01	—	—	1.00E-02	mg/L	U	UJ	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	12.6	—	—	5.00E-02	mg/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	13	—	—	5.00E-02	mg/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	14.3	—	—	5.00E-02	mg/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	17.9	—	—	5.00E-02	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	11.5	—	—	5.00E-02	mg/L	—	—	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	12.9	—	—	5.00E-02	mg/L	—	—	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	14.2	—	—	5.00E-02	mg/L	—	—	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	18.1	—	—	5.00E-02	mg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	83.4	—	—	3.20E-02	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	66.7	—	—	1.00E-01	mg/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	66.9	—	—	4.50E-02	mg/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	67.8	—	—	4.50E-02	mg/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	64.2	—	—	4.50E-02	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	61.6	—	—	1.00E-01	mg/L	—	—	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	65.6	—	—	4.50E-02	mg/L	—	—	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	66.8	—	—	4.50E-02	mg/L	—	—	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	65.1	—	—	4.50E-02	mg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	507	—	—	1.00E+00	uS/cm	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	575	—	—	1.00E+00	uS/cm	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	530	—	—	1.00E+00	uS/cm	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	663	—	—	1.00E+00	uS/cm	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.47	—	—	1.00E-01	mg/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	16.3	—	—	1.00E-01	mg/L	—	J-	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	21.2	—	—	1.00E-01	mg/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.5	—	—	1.00E-01	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	4.8	—	—	2.30E+00	mg/L	J	J	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	7.2	—	—	2.30E+00	mg/L	J	J	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	7.4	—	—	1.14E+00	mg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	04/20/07	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	572	—	—	1.14E+01	mg/L	—	—	184767	GU070400P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	43.5	—	—	2.85E+00	mg/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	345	—	—	2.40E+00	mg/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	403	—	—	2.40E+00	mg/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	341	—	—	2.40E+00	mg/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	338	—	—	2.38E+00	mg/L	—	—	190281	GF070700P3LP01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	27.9	—	—	2.90E-01	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	1.95	—	—	3.30E-02	mg/L	—	—	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	5.32	—	—	1.50E-01	mg/L	—	—	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	1.44	—	—	2.90E-02	mg/L	—	J+	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	29.8	—	—	2.90E-01	mg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	13.4	—	—	3.30E-01	mg/L	—	J	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	24.2	—	—	6.60E-01	mg/L	—	—	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	5.27	—	—	3.30E-01	mg/L	—	—	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	23.7	—	—	6.60E-01	mg/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.81	—	—	7.50E-02	mg/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.64	—	—	2.40E-02	mg/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	3.9	—	—	1.20E-01	mg/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	6.74	—	—	2.40E-01	mg/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.68	—	—	1.00E-02	SU	H	J-	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.17	—	—	1.00E-02	SU	H	J-	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.93	—	—	1.00E-02	SU	H	J-	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.66	—	—	1.00E-02	SU	H	J	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	12.3	—	—	1.00E+00	ug/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	17.3	—	—	1.00E+00	ug/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	27.6	—	—	1.00E+00	ug/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	20.1	—	—	1.00E+00	ug/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.3	—	—	1.00E+00	ug/L	—	—	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.8	—	—	1.00E+00	ug/L	—	—	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	38.7	—	—	1.00E+00	ug/L	—	—	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	22	—	—	1.00E+00	ug/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	329	—	—	1.50E+01	ug/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	354	—	—	1.00E+01	ug/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	285	—	—	1.00E+01	ug/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	306	—	—	1.00E+01	ug/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	300	—	—	1.50E+01	ug/L	—	—	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	348	—	—	1.00E+01	ug/L	—	—	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	284	—	—	1.00E+01	ug/L	—	—	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	311	—	—	1.00E+01	ug/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.37	—	—	1.00E+00	ug/L	J	J	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	—	4.3	—	—	1.00E+00	ug/L	J	J	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.8	—	—	1.00E+00	ug/L	J	J	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1.00E+00	ug/L	U	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.08	—	—	1.00E+00	ug/L	J	J	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	3.7	—	—	1.00E+00	ug/L	J	J	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1.00E+00	ug/L	U	U	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1.00E+00	ug/L	U	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	667	—	—	3.00E+01	ug/L	—	J	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	986	—	—	2.50E+01	ug/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	54.5	—	—	2.50E+01	ug/L	J	J	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	428	—	—	2.50E+01	ug/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	2190	—	—	3.00E+01	ug/L	—	—	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	2390	—	—	2.50E+01	ug/L	—	—	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	586	—	—	2.50E+01	ug/L	—	—	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	561	—	—	2.50E+01	ug/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	2190	—	—	2.00E+00	ug/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	2590	—	—	2.00E+00	ug/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	92.6	—	—	2.00E+00	ug/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	182	—	—	2.00E+00	ug/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2130	—	—	2.00E+00	ug/L	—	—	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2640	—	—	2.00E+00	ug/L	—	—	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	150	—	—	2.00E+00	ug/L	—	—	08-497	CAPU-08-9848	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	159	—	—	2.00E+00	ug/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.09	—	—	1.00E-01	ug/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	5.8	—	—	1.00E-01	ug/L	—	J	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.9	—	—	2.00E+00	ug/L	J	J	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	5.4	—	—	2.00E+00	ug/L	J	U	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.18	—	—	1.00E-01	ug/L	—	—	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	5.9	—	—	1.00E-01	ug/L	—	J	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.6	—	—	2.00E+00	ug/L	J	J	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.4	—	—	2.00E+00	ug/L	J	U	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	4.92	—	—	5.00E-01	ug/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	9.9	—	—	5.00E-01	ug/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	2.4	—	—	5.00E-01	ug/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	2.6	—	—	5.00E-01	ug/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.9	—	—	5.00E-01	ug/L	—	—	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	9.8	—	—	5.00E-01	ug/L	—	—	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.9	—	—	5.00E-01	ug/L	—	—	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.6	—	—	5.00E-01	ug/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.3	—	—	5.30E-02	mg/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73	—	—	3.20E-02	mg/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.1	—	—	3.20E-02	mg/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	132	—	—	1.00E+00	ug/L	—	—	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	152	—	—	1.00E+00	ug/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	97.9	—	—	1.00E+00	ug/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	86.9	—	—	1.00E+00	ug/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	128	—	—	1.00E+00	ug/L	—	—	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	155	—	—	1.00E+00	ug/L	—	—	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	99	—	—	1.00E+00	ug/L	—	—	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	87	—	—	1.00E+00	ug/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.55	—	—	1.00E+00	ug/L	J	J	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.7	—	—	1.00E+00	ug/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	15.3	—	—	1.00E+00	ug/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5.8	—	—	1.00E+00	ug/L	—	U	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.72	—	—	1.00E+00	ug/L	J	J	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1.00E+00	ug/L	—	—	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	16.1	—	—	1.00E+00	ug/L	—	—	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.3	—	—	1.00E+00	ug/L	—	J+	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.28	—	—	3.30E+00	ug/L	J	J	09-2712	CAPU-09-11215	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.8	—	—	2.00E+00	ug/L	J	J	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	01/14/08	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	66.2	—	—	2.00E+00	ug/L	—	—	08-497	CAPU-08-9847	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	14.7	—	—	2.00E+00	ug/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.68	—	—	3.30E+00	ug/L	J	J	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.1	—	—	2.00E+00	ug/L	—	—	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	01/14/08	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	80.2	—	—	2.00E+00	ug/L	—	—	08-497	CAPU-08-9848	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	21.6	—	—	2.00E+00	ug/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-110	—	0.000047	—	—	2.79E-05	ug/L	—	—	09-2721	CAPU-09-11214	ALTC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-139/149	—	0.0000742	—	—	2.79E-05	ug/L	—	—	09-2721	CAPU-09-11214	ALTC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-153	—	0.0000811	—	—	2.79E-05	ug/L	—	—	09-2721	CAPU-09-11214	ALTC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-156	—	0.0000579	—	—	2.79E-05	ug/L	J	J	09-2721	CAPU-09-11214	ALTC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-174	—	0.0000308	—	—	2.79E-05	ug/L	—	—	09-2721	CAPU-09-11214	ALTC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-180	—	0.0000622	—	—	2.79E-05	ug/L	—	—	09-2721	CAPU-09-11214	ALTC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-182/187	—	0.0000357	—	—	2.79E-05	ug/L	—	—	09-2721	CAPU-09-11214	ALTC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-52/69	—	0.000031	—	—	2.79E-05	ug/L	—	—	09-2721	CAPU-09-11214	ALTC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-77	—	0.00000428	—	—	2.79E-05	ug/L	J	J	09-2721	CAPU-09-11214	ALTC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-90/101	—	0.0000482	—	—	2.79E-05	ug/L	—	—	09-2721	CAPU-09-11214	ALTC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-95/98/102	—	0.0000452	—	—	2.79E-05	ug/L	—	—	09-2721	CAPU-09-11214	ALTC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	PCB	EPA:1668A	Total PCB	—	0.000573	—	—	5.59E-05	ug/L	B	J	09-2721	CAPU-09-11214	ALTC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	PCB	EPA:1668A	Total heptaCB	—	0.000129	—	—	2.79E-05	ug/L	—	—	09-2721	CAPU-09-11214	ALTC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	PCB	EPA:1668A	Total hexaCB	—	0.000237	—	—	2.79E-05	ug/L	B	J	09-2721	CAPU-09-11214	ALTC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	PCB	EPA:1668A	Total pentaCB	—	0.000172	—	—	2.79E-05	ug/L	B	J	09-2721	CAPU-09-11214	ALTC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	PCB	EPA:1668A	Total tetraCB	—	0.0000353	—	—	2.79E-05	ug/L	—	—	09-2721	CAPU-09-11214	ALTC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.02	2.43E-03	3.60E-02	—	pCi/L	U	U	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.00525	2.88E-03	4.84E-02	—	pCi/L	U	U	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Rad	HASL-300	Americium-241	<	-0.000831	9.33E-04	2.48E-02	—	pCi/L	U	U	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Rad	HASL-300	Americium-241	—	0.0646	4.00E-03	3.30E-02	—	pCi/L	—	—	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0248	3.20E-03	3.60E-02	—	pCi/L	U	U	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00974	2.77E-03	5.06E-02	—	pCi/L	U	U	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00531	1.65E-03	2.38E-02	—	pCi/L	U	U	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-10.4	1.93E+00	1.75E+01	—	pCi/L	U	U	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	Alpha Spec	Americium-241	<	0.0115	2.40E-03	3.40E-02	—	pCi/L	U	U	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Rad	Alpha Spec	Americium-241	<	0.0132	3.43E-03	3.90E-02	—	pCi/L	U	—	114589	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Rad	EPA:901.1	Americium-241	<	1.63	1.93E+00	1.83E+01	—	pCi/L	U	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.52	4.00E-01	3.80E+00	—	pCi/L	U	U	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.23	6.20E-01	6.38E+00	—	pCi/L	U	U	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.19	4.67E-01	4.87E+00	—	pCi/L	U	U	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.303	5.00E-01	4.80E+00	—	pCi/L	U	U	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.812	4.33E-01	4.50E+00	—	pCi/L	U	U	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.137	4.00E-01	3.42E+00	—	pCi/L	U	U	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.25	3.37E-01	3.50E+00	—	pCi/L	U	U	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0207	3.20E-01	3.52E+00	—	pCi/L	U	U	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Rad	EPA:901.1	Cesium-137	<	0.035	3.06E-01	3.35E+00	—	pCi/L	U	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.115	2.93E-01	3.00E+00	—	pCi/L	U	U	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0368	5.33E-01	5.28E+00	—	pCi/L	U	U	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.00276	4.47E-01	5.12E+00	—	pCi/L	U	U	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.97	4.67E-01	5.20E+00	—	pCi/L	U	U	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0948	4.33E-01	4.30E+00	—	pCi/L	U	U	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.11	3.47E-01	3.01E+00	—	pCi/L	U	U	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.19	4.30E-01	4.42E+00	—	pCi/L	U	U	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.234	2.79E-01	3.38E+00	—	pCi/L	U	U	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Rad	EPA:901.1	Cobalt-60	<	0.851	3.12E-01	3.75E+00	—	pCi/L	U	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.963	2.20E-01	2.20E+00	—	pCi/L	U	U	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Rad	EPA:900	Gross beta	—	17.7	8.07E-01	2.99E+00	—	pCi/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Rad	EPA:900	Gross beta	—	12	3.60E-01	2.23E+00	—	pCi/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	11.1	6.33E-01	3.60E+00	—	pCi/L	—	—	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	16.7	7.37E-01	3.25E+00	—	pCi/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	20	4.53E-01	2.42E+00	—	pCi/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	9.63	2.13E-01	1.20E+00	—	pCi/L	—	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	07/29/03	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	19.6	5.07E-01	3.83E+00	—	pCi/L	—	—	85116	GU03070W3LP01	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	8.46	2.43E+00	1.20E+01	—	pCi/L	U	U	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	184	4.87E+01	3.16E+02	—	pCi/L	U	U	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	94.9	1.07E+02	3.93E+02	—	pCi/L	U	U	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	19	5.33E+00	2.40E+01	—	pCi/L	U	U	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	8.8	2.53E+00	2.80E+01	—	pCi/L	U	U	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	58.3	1.66E+01	1.68E+02	—	pCi/L	U	U	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	141	3.77E+01	3.78E+02	—	pCi/L	U	U	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	73.2	2.20E+01	1.89E+02	—	pCi/L	U	U	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Rad	EPA:901.1	Gross gamma	<	76.4	3.22E+01	2.02E+02	—	pCi/L	U	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	14.1	3.13E+00	2.80E+01	—	pCi/L	U	U	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	28.7	4.80E+00	4.98E+01	—	pCi/L	U	U	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.2	3.77E+00	3.48E+01	—	pCi/L	U	U	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13	3.67E+00	3.20E+01	—	pCi/L	U	U	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.56	1.93E+00	1.80E+01	—	pCi/L	U	U	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.9	3.26E+00	3.02E+01	—	pCi/L	U	U	190281	GU070700P3LP01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.22	3.43E+00	3.47E+01	—	pCi/L	U	U	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.34	2.32E+00	2.43E+01	—	pCi/L	U	U	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Rad	EPA:901.1	Neptunium-237	<	-0.362	2.54E+00	2.60E+01	—	pCi/L	U	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00554	1.83E-03	2.60E-02	—	pCi/L	U	U	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00821	9.07E-03	1.57E-01	—	pCi/L	U	U	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00909	2.68E-03	2.91E-02	—	pCi/L	U	U	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	—	0.03	3.10E-03	3.00E-02	—	pCi/L	—	—	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	2.53E-03	2.80E-02	—	pCi/L	U	U	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0165	9.50E-03	1.58E-01	—	pCi/L	U	U	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0779	5.37E-03	2.41E-02	—	pCi/L	U	U	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	Alpha Spec	Plutonium-238	<	0	4.73E-03	5.20E-02	—	pCi/L	U	U	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Rad	Alpha Spec	Plutonium-238	<	0.00304	3.37E-03	4.70E-02	—	pCi/L	U	—	114589	GU04060W3LP01	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.181	6.67E-03	3.20E-02	—	pCi/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0492	1.10E-02	1.44E-01	—	pCi/L	U	U	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.0606	4.83E-03	3.39E-02	—	pCi/L	—	J	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0169	3.00E-03	3.70E-02	—	pCi/L	U	U	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.198	7.33E-03	3.50E-02	—	pCi/L	—	—	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.123	1.15E-02	1.45E-01	—	pCi/L	U	U	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.244	9.07E-03	2.81E-02	—	pCi/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	Alpha Spec	Plutonium-239/240	—	0.292	1.13E-02	5.40E-02	—	pCi/L	—	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Rad	Alpha Spec	Plutonium-239/240	—	0.334	1.18E-02	4.90E-02	—	pCi/L	—	—	114589	GU04060W3LP01	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-0.691	4.67E+00	5.10E+01	—	pCi/L	U	U	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	53.1	5.93E+00	5.93E+01	—	pCi/L	U	U	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	17.2	8.07E+00	3.83E+01	—	pCi/L	U	U	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.3	6.00E+00	6.30E+01	—	pCi/L	U	U	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	26	6.00E+00	3.80E+01	—	pCi/L	U	U	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	20.5	6.17E+00	6.60E+01	—	pCi/L	U	U	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	40.1	5.00E+00	6.31E+01	—	pCi/L	U	U	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	37.2	5.17E+00	4.34E+01	—	pCi/L	U	U	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Rad	EPA:901.1	Potassium-40	<	85.5	1.32E+01	3.40E+01	—	pCi/L	UI	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.34	3.67E-01	3.20E+00	—	pCi/L	U	U	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.816	5.67E-01	5.34E+00	—	pCi/L	U	U	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.467	3.93E-01	4.70E+00	—	pCi/L	U	U	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.159	4.33E-01	4.40E+00	—	pCi/L	U	U	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.83	4.33E-01	4.70E+00	—	pCi/L	U	U	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.03	3.77E-01	3.17E+00	—	pCi/L	U	U	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.05	3.33E-01	3.42E+00	—	pCi/L	U	U	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0118	3.21E-01	3.54E+00	—	pCi/L	U	U	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Rad	EPA:901.1	Sodium-22	<	1.9	3.00E-01	3.87E+00	—	pCi/L	U	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.526	5.67E-02	4.70E-01	—	pCi/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0248	4.20E-02	4.22E-01	—	pCi/L	U	U	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.164	2.77E-02	2.70E-01	—	pCi/L	U	U	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.586	5.00E-02	4.40E-01	—	pCi/L	—	—	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.729	6.33E-02	4.60E-01	—	pCi/L	—	—	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.275	3.43E-02	3.82E-01	—	pCi/L	U	U	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0919	2.44E-02	2.46E-01	—	pCi/L	U	U	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	GFPC	Strontium-90	—	0.562	3.43E-02	1.66E-01	—	pCi/L	—	—	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Rad	HASL-300	Uranium-234	<	0.141	1.17E-02	2.00E-01	—	pCi/L	U	U	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	0.154	8.43E-03	4.48E-02	—	pCi/L	—	—	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	0.248	9.50E-03	3.96E-02	—	pCi/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.781	2.43E-02	1.10E-01	—	pCi/L	—	—	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0865	8.33E-03	2.30E-01	—	pCi/L	U	U	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.167	8.37E-03	3.72E-02	—	pCi/L	—	—	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.337	1.05E-02	3.90E-02	—	pCi/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	Alpha Spec	Uranium-234	—	0.119	7.33E-03	1.01E-01	—	pCi/L	—	J	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Rad	Alpha Spec	Uranium-234	—	0.162	7.47E-03	8.40E-02	—	pCi/L	—	—	114589	GU04060W3LP01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	3.33E-03	1.10E-01	—	pCi/L	U	U	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00792	3.24E-03	3.78E-02	—	pCi/L	U	U	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0187	2.73E-03	3.34E-02	—	pCi/L	U	U	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0344	3.67E-03	5.20E-02	—	pCi/L	U	U	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00823	2.77E-03	1.20E-01	—	pCi/L	U	U	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00657	3.47E-03	3.14E-02	—	pCi/L	U	U	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0277	2.72E-03	3.29E-02	—	pCi/L	U	U	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	Alpha Spec	Uranium-235/236	<	0.00331	2.47E-03	6.10E-02	—	pCi/L	U	U	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Rad	Alpha Spec	Uranium-235/236	<	0.00275	2.43E-03	5.10E-02	—	pCi/L	U	—	114589	GU04060W3LP01	GELC
Pueblo 3	—	—	09/02/08	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.106	9.00E-03	1.10E-01	—	pCi/L	—	—	08-1821	CAPU-08-14554	GELC
Pueblo 3	—	—	07/26/07	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0801	5.97E-03	6.03E-02	—	pCi/L	—	J	190281	GF070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.161	7.00E-03	4.21E-02	—	pCi/L	—	—	168313	GF060700P3LP01	GELC
Pueblo 3	—	—	07/21/09	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0862	5.67E-03	5.20E-02	—	pCi/L	—	—	09-2712	CAPU-09-11214	GELC
Pueblo 3	—	—	09/02/08	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0932	9.00E-03	1.20E-01	—	pCi/L	U	U	08-1821	CAPU-08-14556	GELC
Pueblo 3	—	—	07/26/07	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0744	5.53E-03	5.01E-02	—	pCi/L	—	J	190281	GU070700P3LP01	GELC
Pueblo 3	—	—	07/28/06	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.288	9.47E-03	4.15E-02	—	pCi/L	—	—	168313	GU060700P3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	Alpha Spec	Uranium-238	—	0.0758	5.37E-03	7.10E-02	—	pCi/L	—	J	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	CS	—	Rad	EPA:901.1	Uranium-238	<	50.8	2.09E+01	1.68E+02	—	pCi/L	U	U	114786	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Rad	Alpha Spec	Uranium-238	—	0.0658	5.10E-03	5.90E-02	—	pCi/L	—	—	114589	GU04060W3LP01	GELC
Pueblo 3	—	—	06/09/04	WS	UF	DUP	—	Rad	EPA:901.1	Uranium-238	<	153	1.64E+01	1.75E+02	—	pCi/L	U	—	114786	GU04060W3LP01	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	105	—	—	7.30E-01	mg/L	—	—	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	105	—	—	7.30E-01	mg/L	—	—	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77	—	—	7.30E-01	mg/L	—	—	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	116	—	—	7.25E-01	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.7	—	—	7.25E-01	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.3	—	—	5.00E-02	mg/L	—	—	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.1	—	—	3.00E-02	mg/L	—	—	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Calcium	—	31.6	—	—	3.00E-02	mg/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	45.5	—	—	3.00E-02	mg/L	—	—	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.3	—	—	3.00E-02	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.7	—	—	5.00E-02	mg/L	—	—	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.9	—	—	3.00E-02	mg/L	—	—	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Calcium	—	31.3	—	—	3.00E-02	mg/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	43.9	—	—	3.00E-02	mg/L	—	—	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.4	—	—	3.00E-02	mg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	67.4	—	—	6.60E-01	mg/L	—	—	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	41.3	—	—	3.30E-01	mg/L	—	—	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	124	—	—	6.60E-01	mg/L	—	—	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:300.0	Chloride	—	43.5	—	—	3.30E-01	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:300.0	Chloride	—	68.7	—	—	6.60E-01	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.254	—	—	3.30E-02	mg/L	—	—	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.221	—	—	3.30E-02	mg/L	—	—	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.148	—	—	3.30E-02	mg/L	—	—	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.237	—	—	3.30E-02	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.227	—	—	3.30E-02	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72	—	—	3.50E-01	mg/L	—	—	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	66	—	—	3.50E-01	mg/L	—	—	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Geninorg	SM:A2340B	Hardness	—	97.6	—	—	4.25E-01	mg/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	142	—	—	4.30E-01	mg/L	—	—	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	SM:A2340B	Hardness	—	84.7	—	—	4.25E-01	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	70.8	—	—	3.50E-01	mg/L	—	—	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	68.6	—	—	3.50E-01	mg/L	—	—	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	98.3	—	—	4.25E-01	mg/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	138	—	—	4.30E-01	mg/L	—	—	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	85	—	—	4.25E-01	mg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.35	—	—	8.50E-02	mg/L	—	—	09-2592	CAPU-09-11209	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.26	—	—	8.50E-02	mg/L	—	—	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Magnesium	—	4.51	—	—	8.50E-02	mg/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.03	—	—	8.50E-02	mg/L	—	—	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.01	—	—	8.50E-02	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.39	—	—	8.50E-02	mg/L	—	—	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.41	—	—	8.50E-02	mg/L	—	—	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Magnesium	—	4.88	—	—	8.50E-02	mg/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.84	—	—	8.50E-02	mg/L	—	—	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.04	—	—	8.50E-02	mg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.099	—	—	5.00E-02	mg/L	J	J	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.212	—	—	5.00E-02	mg/L	J	J	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.395	—	—	1.00E-02	mg/L	—	—	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.01	—	—	1.00E-02	mg/L	U	UJ	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.217	—	—	1.00E-02	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.369	—	—	5.00E-02	ug/L	—	—	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0628	—	—	5.00E-02	ug/L	J	J	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.137	—	—	5.00E-02	ug/L	J	J	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.05	—	—	5.00E-02	ug/L	U	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.257	—	—	5.00E-02	ug/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.54	—	—	5.00E-02	mg/L	—	—	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.86	—	—	5.00E-02	mg/L	—	—	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Potassium	—	6.84	—	—	5.00E-02	mg/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.57	—	—	5.00E-02	mg/L	—	—	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.22	—	—	5.00E-02	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.53	—	—	5.00E-02	mg/L	—	—	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.32	—	—	5.00E-02	mg/L	—	—	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Potassium	—	7.56	—	—	5.00E-02	mg/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.4	—	—	5.00E-02	mg/L	—	—	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.17	—	—	5.00E-02	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	21.4	—	—	3.20E-02	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	20.7	—	—	3.20E-02	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	80.5	—	—	1.00E-01	mg/L	—	—	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	47.8	—	—	4.50E-02	mg/L	—	—	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Geninorg	EPA:200.7	Sodium	—	104	—	—	4.50E-02	mg/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	61.8	—	—	4.50E-02	mg/L	—	—	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	56.8	—	—	4.50E-02	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	74.3	—	—	1.00E-01	mg/L	—	—	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	51.1	—	—	4.50E-02	mg/L	—	—	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:200.7	Sodium	—	103	—	—	4.50E-02	mg/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	59.8	—	—	4.50E-02	mg/L	—	—	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	56.2	—	—	4.50E-02	mg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	454	—	—	1.00E+00	uS/cm	—	—	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	361	—	—	1.00E+00	uS/cm	—	—	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	650	—	—	1.00E+00	uS/cm	—	—	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	438	—	—	1.00E+00	uS/cm	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	485	—	—	1.00E+00	uS/cm	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.47	—	—	1.00E-01	mg/L	—	—	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.12	—	—	1.00E-01	mg/L	—	—	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14.3	—	—	1.00E-01	mg/L	—	—	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.1	—	—	1.00E-01	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	18.2	—	—	1.00E-01	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	7.6	—	—	2.30E+00	mg/L	J	J	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	5.2	—	—	2.30E+00	mg/L	J	J	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	62.5	—	—	1.81E+00	mg/L	—	—	202112	GU080100M05501	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	7.2	—	—	1.14E+00	mg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	1.2	—	—	1.14E+00	mg/L	J	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	285	—	—	2.40E+00	mg/L	—	—	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	229	—	—	2.40E+00	mg/L	—	—	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	356	—	—	2.40E+00	mg/L	—	—	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	251	—	—	2.38E+00	mg/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	314	—	—	2.38E+00	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.19	—	—	2.90E-02	mg/L	—	J-	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.244	—	—	2.90E-02	mg/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.174	—	—	3.30E-02	mg/L	—	J+	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.074	—	—	2.90E-02	mg/L	J	U	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.21	—	—	2.90E-02	mg/L	—	—	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.344	—	—	2.90E-02	mg/L	—	J-	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.318	—	—	2.90E-02	mg/L	—	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	6.93	—	—	3.30E-01	mg/L	—	—	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	6.12	—	—	3.30E-01	mg/L	—	—	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.88	—	—	3.30E-01	mg/L	—	—	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	7.11	—	—	3.30E-01	mg/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	10.1	—	—	3.30E-01	mg/L	—	J	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.274	—	—	1.50E-02	mg/L	—	J	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.224	—	—	2.40E-02	mg/L	—	—	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.128	—	—	2.40E-02	mg/L	—	—	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.31	—	—	2.40E-02	mg/L	—	J	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.172	—	—	2.40E-02	mg/L	—	U	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.78	—	—	1.00E-02	SU	H	J-	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.7	—	—	1.00E-02	SU	H	J-	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.52	—	—	1.00E-02	SU	H	J-	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Geninorg	EPA:150.1	pH	—	7.83	—	—	1.00E-02	SU	H	J	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	266	—	—	6.80E+01	ug/L	—	—	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	500	—	—	6.80E+01	ug/L	*	J	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Aluminum	—	752	—	—	6.80E+01	ug/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1790	—	—	6.80E+01	ug/L	—	—	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1070	—	—	6.80E+01	ug/L	*	J	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Aluminum	—	3240	—	—	6.80E+01	ug/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	261	—	—	6.80E+01	ug/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	44.7	—	—	1.00E+00	ug/L	—	—	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	40.6	—	—	1.00E+00	ug/L	—	—	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Barium	—	66.7	—	—	1.00E+00	ug/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	60.9	—	—	1.00E+00	ug/L	—	—	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Barium	—	46.8	—	—	1.00E+00	ug/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	50.2	—	—	1.00E+00	ug/L	—	—	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	46.3	—	—	1.00E+00	ug/L	—	—	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Barium	—	79.1	—	—	1.00E+00	ug/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	59.2	—	—	1.00E+00	ug/L	—	—	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Barium	—	48.3	—	—	1.00E+00	ug/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	30.8	—	—	1.50E+01	ug/L	J	J	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	24.6	—	—	1.00E+01	ug/L	J	J	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Boron	—	33.6	—	—	1.00E+01	ug/L	J	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Metals	SW-846:6010B	Boron	—	19.3	—	—	1.00E+01	ug/L	J	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	32.5	—	—	1.50E+01	ug/L	J	J	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	27.9	—	—	1.00E+01	ug/L	J	J	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	08-499	CAPU-08-9842	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Boron	—	32.8	—	—	1.00E+01	ug/L	J	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.4	—	—	1.00E+01	ug/L	J	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Copper	—	3.31	—	—	3.00E+00	ug/L	J	J	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Copper	—	3	—	—	3.00E+00	ug/L	J	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	ug/L	U	R	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6010B	Copper	—	4.11	—	—	3.00E+00	ug/L	J	J	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Copper	—	4.6	—	—	3.00E+00	ug/L	J	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	ug/L	U	R	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	165	—	—	3.00E+01	ug/L	—	—	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	278	—	—	2.50E+01	ug/L	*	J	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Iron	—	466	—	—	2.50E+01	ug/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	1070	—	—	3.00E+01	ug/L	—	—	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	665	—	—	2.50E+01	ug/L	*	J	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Iron	—	2010	—	—	2.50E+01	ug/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Iron	—	135	—	—	2.50E+01	ug/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Lead	—	0.62	—	—	5.00E-01	ug/L	J	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	1.71	—	—	5.00E-01	ug/L	J	J	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	1.4	—	—	5.00E-01	ug/L	J	J	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Lead	—	2.6	—	—	5.00E-01	ug/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6020	Lead	—	0.73	—	—	5.00E-01	ug/L	J	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.85	—	—	2.00E+00	ug/L	J	J	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	9	—	—	2.00E+00	ug/L	J	J	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Manganese	—	69.7	—	—	2.00E+00	ug/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Manganese	—	14.9	—	—	2.00E+00	ug/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	19.3	—	—	2.00E+00	ug/L	—	—	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	23.9	—	—	2.00E+00	ug/L	—	—	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Manganese	—	81.9	—	—	2.00E+00	ug/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Manganese	—	21.6	—	—	2.00E+00	ug/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.98	—	—	1.00E-01	ug/L	—	—	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.8	—	—	1.00E-01	ug/L	—	—	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.5	—	—	2.00E+00	ug/L	J	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.15	—	—	1.00E-01	ug/L	—	—	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.7	—	—	1.00E-01	ug/L	—	—	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	5.4	—	—	2.00E+00	ug/L	J	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.19	—	—	5.00E-01	ug/L	J	J	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	J	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.8	Nickel	—	2.4	—	—	5.00E-01	ug/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	ug/L	J	J	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	5.00E-01	ug/L	J	—	190281	GF070700P05501	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.82	—	—	5.00E-01	ug/L	J	J	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	J	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.8	Nickel	—	2.7	—	—	5.00E-01	ug/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	ug/L	J	J	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	5.00E-01	ug/L	J	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	23.6	—	—	5.30E-02	mg/L	—	—	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	24.4	—	—	3.20E-02	mg/L	N	J+	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	17.6	—	—	3.20E-02	mg/L	—	—	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	124	—	—	1.00E+00	ug/L	—	—	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	104	—	—	1.00E+00	ug/L	—	—	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	218	—	—	1.00E+00	ug/L	—	—	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Strontium	—	145	—	—	1.00E+00	ug/L	—	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Metals	SW-846:6010B	Strontium	—	118	—	—	1.00E+00	ug/L	—	—	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	118	—	—	1.00E+00	ug/L	—	—	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	113	—	—	1.00E+00	ug/L	—	—	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	211	—	—	1.00E+00	ug/L	—	—	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Strontium	—	146	—	—	1.00E+00	ug/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Metals	SW-846:6010B	Strontium	—	118	—	—	1.00E+00	ug/L	—	—	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6020	Uranium	<	0.23	—	—	5.00E-02	ug/L	—	U	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.34	—	—	5.00E-02	ug/L	—	J	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6020	Uranium	<	0.28	—	—	5.00E-02	ug/L	—	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	F	CS	—	Metals	SW-846:6020	Uranium	<	0.22	—	—	5.00E-02	ug/L	—	U	184479	GF070400P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.354	—	—	5.00E-02	ug/L	—	—	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.3	—	—	5.00E-02	ug/L	—	U	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.34	—	—	5.00E-02	ug/L	—	J	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.3	—	—	5.00E-02	ug/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	04/18/07	WP	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.24	—	—	5.00E-02	ug/L	—	U	184479	GU070400P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.04	—	—	1.00E+00	ug/L	J	J	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	<	4.9	—	—	1.00E+00	ug/L	J	U	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Vanadium	—	1.9	—	—	1.00E+00	ug/L	J	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.5	—	—	1.00E+00	ug/L	J	J	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Vanadium	<	4.7	—	—	1.00E+00	ug/L	J	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.06	—	—	1.00E+00	ug/L	J	J	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	6.4	—	—	1.00E+00	ug/L	—	U	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Vanadium	—	4.3	—	—	1.00E+00	ug/L	J	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.6	—	—	1.00E+00	ug/L	J	J	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.9	—	—	1.00E+00	ug/L	J	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.39	—	—	3.30E+00	ug/L	J	J	09-2592	CAPU-09-11209	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.4	—	—	2.00E+00	ug/L	J	J	08-1805	CAPU-08-14263	GELC
Pueblo above Acid	—	—	01/28/08	WM	F	CS	—	Metals	EPA:200.7	Zinc	—	18.2	—	—	2.00E+00	ug/L	—	—	202112	GF080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.4	—	—	2.00E+00	ug/L	J	J	08-499	CAPU-08-9844	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.4	—	—	3.30E+00	ug/L	—	—	09-2592	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	10.9	—	—	2.00E+00	ug/L	—	—	08-1805	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Metals	EPA:200.7	Zinc	—	30.9	—	—	2.00E+00	ug/L	—	—	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	01/15/08	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.7	—	—	2.00E+00	ug/L	J	J	08-499	CAPU-08-9842	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3	—	—	2.00E+00	ug/L	J	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-110	—	0.0000949	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-132/161	—	0.0000466	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-138/163/164	—	0.000175	—	—	2.78E-05	ug/L	B	J	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-139/149	—	0.000157	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-141	—	0.0000408	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-151	—	0.0000501	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-153	—	0.000169	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-156	—	0.0000142	—	—	2.78E-05	ug/L	J	J	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-170	—	0.0000615	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-174	—	0.0000851	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-177	—	0.0000488	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-179	—	0.0000389	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-180	—	0.000197	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-182/187	—	0.000122	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-183	—	0.0000429	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-194	—	0.0000483	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-196/203	—	0.0000838	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-199	—	0.0000664	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-206	—	0.0000278	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-90/101	—	0.0000637	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	PCB-95/98/102	—	0.0000671	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	Total PCB	—	0.00177	—	—	5.56E-05	ug/L	B	J	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	Total heptaCB	—	0.000596	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	Total hexaCB	—	0.000653	—	—	2.78E-05	ug/L	B	J	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	Total nonaCB	—	0.0000278	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	Total octaCB	—	0.000198	—	—	2.78E-05	ug/L	—	—	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	PCB	EPA:1668A	Total pentaCB	—	0.000296	—	—	2.78E-05	ug/L	B	J	09-2605	CAPU-09-11207	ALTC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00631	2.07E-03	3.20E-02	—	pCi/L	U	U	08-1804	CAPU-08-14263	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00053	2.92E-03	4.31E-02	—	pCi/L	U	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0551	4.33E-03	4.70E-02	—	pCi/L	U	U	09-2591	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0000829	7.33E-04	3.00E-02	—	pCi/L	U	U	08-1804	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0052	2.37E-03	3.35E-02	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00599	2.16E-03	4.28E-02	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0129	5.77E-03	4.10E-02	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.92	4.67E-01	5.20E+00	—	pCi/L	U	U	08-1804	CAPU-08-14263	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Cesium-137	<	4.63	7.83E-01	4.21E+00	—	pCi/L	UI	R	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.898	4.67E-01	4.40E+00	—	pCi/L	U	U	09-2591	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.723	4.33E-01	4.10E+00	—	pCi/L	U	U	08-1804	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-5.47	6.60E-01	5.33E+00	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.35	5.50E-01	4.58E+00	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.239	1.96E-01	2.07E+00	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.43	5.33E-01	5.60E+00	—	pCi/L	U	U	08-1804	CAPU-08-14263	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.58	4.97E-01	5.10E+00	—	pCi/L	U	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-3.25	4.67E-01	3.30E+00	—	pCi/L	U	U	09-2591	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.29	3.67E-01	3.10E+00	—	pCi/L	U	U	08-1804	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.553	6.57E-01	5.98E+00	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0621	5.37E-01	5.40E+00	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.712	1.90E-01	1.91E+00	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.95	2.97E-01	2.70E+00	—	pCi/L	U	U	09-2591	CAPU-09-11207	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	EPA:900	Gross beta	—	7.71	5.03E-01	3.89E+00	—	pCi/L	—	J	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	5.05	4.33E-01	3.50E+00	—	pCi/L	—	—	09-2591	CAPU-09-11207	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	11.2	7.10E-01	4.78E+00	—	pCi/L	—	J	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:900	Gross beta	—	4.22	4.20E-01	3.73E+00	—	pCi/L	—	J	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	EPA:900	Gross beta	—	5.65	2.88E-01	2.91E+00	—	pCi/L	—	J	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	5.81	1.87E+00	1.60E+01	—	pCi/L	U	U	08-1804	CAPU-08-14263	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Gross gamma	<	79.2	2.05E+01	2.39E+02	—	pCi/L	U	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	56.5	1.23E+01	7.00E+01	—	pCi/L	U	U	09-2591	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	4.93	2.90E+00	2.00E+01	—	pCi/L	U	U	08-1804	CAPU-08-14264	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	81	1.97E+01	2.76E+02	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.53	3.10E+00	2.90E+01	—	pCi/L	U	U	08-1804	CAPU-08-14263	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-21.8	4.17E+00	3.43E+01	—	pCi/L	U	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.52	3.33E+00	3.60E+01	—	pCi/L	U	U	09-2591	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16.3	3.67E+00	3.30E+01	—	pCi/L	U	U	08-1804	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.467	3.90E+00	3.51E+01	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	14.9	2.85E+00	1.85E+01	—	pCi/L	U	U	190281	GU070700P05501	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.93	1.57E+00	1.64E+01	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00478	1.13E-03	3.30E-02	—	pCi/L	U	U	08-1804	CAPU-08-14263	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00471	1.17E-03	3.01E-02	—	pCi/L	U	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00354	1.17E-03	5.60E-02	—	pCi/L	U	U	09-2591	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0106	1.77E-03	3.70E-02	—	pCi/L	U	U	08-1804	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00182	1.35E-03	3.33E-02	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0102	1.80E-03	3.26E-02	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	HASL-300	Plutonium-238	<	5.84E-10	2.00E-03	5.10E-02	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00717	1.40E-03	4.10E-02	—	pCi/L	U	U	08-1804	CAPU-08-14263	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00627	1.17E-03	2.76E-02	—	pCi/L	U	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00353	1.67E-03	6.90E-02	—	pCi/L	U	U	09-2591	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.77E-03	4.50E-02	—	pCi/L	U	U	08-1804	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00908	2.19E-03	3.91E-02	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0068	2.27E-03	2.99E-02	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00734	2.45E-03	4.30E-02	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.15	6.00E+00	6.30E+01	—	pCi/L	U	U	08-1804	CAPU-08-14263	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Potassium-40	<	6.19	6.43E+00	6.63E+01	—	pCi/L	U	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	15.3	6.00E+00	7.00E+01	—	pCi/L	U	U	09-2591	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	35.5	5.67E+00	6.50E+01	—	pCi/L	U	U	08-1804	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-45.9	8.13E+00	7.35E+01	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	37.5	6.97E+00	6.37E+01	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	9.02	4.50E+00	2.15E+01	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.49	4.67E-01	5.30E+00	—	pCi/L	U	U	08-1804	CAPU-08-14263	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-4.6	5.20E-01	3.52E+00	—	pCi/L	U	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0988	4.33E-01	4.10E+00	—	pCi/L	U	U	09-2591	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.268	5.33E-01	5.10E+00	—	pCi/L	U	U	08-1804	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-4.31	8.07E-01	5.35E+00	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	3.99	5.70E-01	6.68E+00	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.137	1.81E-01	1.94E+00	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.247	4.67E-02	4.50E-01	—	pCi/L	U	U	08-1804	CAPU-08-14263	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	EPA:905.0	Strontium-90	—	1.2	4.20E-02	1.96E-01	—	pCi/L	—	J	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.138	5.00E-02	5.00E-01	—	pCi/L	U	U	09-2591	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.77	7.33E-02	3.70E-01	—	pCi/L	—	—	08-1804	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.584	5.03E-02	3.80E-01	—	pCi/L	—	J	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.261	2.66E-02	2.45E-01	—	pCi/L	—	J	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.789	4.33E-02	3.45E-01	—	pCi/L	—	J	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0911	7.67E-03	1.40E-01	—	pCi/L	U	U	08-1804	CAPU-08-14263	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Uranium-234	—	0.114	7.27E-03	3.90E-02	—	pCi/L	—	J	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.135	6.00E-03	5.80E-02	—	pCi/L	—	—	09-2591	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0878	1.00E-02	1.70E-01	—	pCi/L	U	U	08-1804	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.447	3.43E-02	6.12E-01	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.161	7.93E-03	4.10E-02	—	pCi/L	—	—	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	HASL-300	Uranium-234	<	-0.00889	7.17E-03	6.80E-02	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00512	2.97E-03	7.60E-02	—	pCi/L	U	U	08-1804	CAPU-08-14263	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0103	3.47E-03	3.29E-02	—	pCi/L	U	U	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.015	2.20E-03	2.80E-02	—	pCi/L	U	U	09-2591	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	5.00E-03	8.90E-02	—	pCi/L	U	U	08-1804	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0638	1.59E-02	3.03E-01	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0326	4.07E-03	3.45E-02	—	pCi/L	U	U	190281	GU070700P05501	GELC
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0245	3.73E-03	4.10E-02	—	pCi/L	U	U	133525	GU05030M05501	GELC
Pueblo above Acid	—	—	08/28/08	WS	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0621	6.67E-03	7.40E-02	—	pCi/L	U	U	08-1804	CAPU-08-14263	GELC
Pueblo above Acid	—	—	07/25/07	WP	F	CS	—	Rad	HASL-300	Uranium-238	—	0.128	8.20E-03	5.25E-02	—	pCi/L	—	J	190281	GF070700P05501	GELC
Pueblo above Acid	—	—	07/09/09	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.102	4.67E-03	2.90E-02	—	pCi/L	—	—	09-2591	CAPU-09-11207	GELC
Pueblo above Acid	—	—	08/28/08	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0439	7.67E-03	8.80E-02	—	pCi/L	U	U	08-1804	CAPU-08-14264	GELC
Pueblo above Acid	—	—	01/28/08	WM	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.327	2.68E-02	3.60E-01	—	pCi/L	U	U	202112	GU080100M05501	GELC
Pueblo above Acid	—	—	07/25/07	WP	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.12	6.70E-03	5.51E-02	—	pCi/L	—	J	190281	GU070700P05501	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Pueblo above Acid	—	—	03/30/05	WM	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.1	5.80E-03	4.80E-02	—	pCi/L	—	J	133525	GU05030M05501	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.5	—	—	7.30E-01	mg/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	01/14/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62	—	—	7.30E-01	mg/L	—	—	09-638	CAPU-09-1798	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.4	—	—	7.30E-01	mg/L	—	—	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.4	—	—	7.30E-01	mg/L	—	—	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.8	—	—	7.25E-01	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.6	—	—	5.00E-02	mg/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	3.00E-02	mg/L	—	—	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	3.00E-02	mg/L	—	—	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	3.00E-02	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.1	—	—	5.00E-02	mg/L	—	—	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.8	—	—	3.00E-02	mg/L	—	—	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	3.00E-02	mg/L	—	—	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.6	—	—	3.00E-02	mg/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.41	—	—	6.60E-02	mg/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	01/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.17	—	—	6.60E-02	mg/L	—	—	09-638	CAPU-09-1798	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.08	—	—	6.60E-02	mg/L	—	—	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.12	—	—	6.60E-02	mg/L	—	—	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.17	—	—	6.60E-02	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.281	—	—	3.30E-02	mg/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	01/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.277	—	—	3.30E-02	mg/L	—	—	09-638	CAPU-09-1798	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.286	—	—	3.30E-02	mg/L	—	—	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.248	—	—	3.30E-02	mg/L	—	—	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.276	—	—	3.30E-02	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.8	—	—	3.50E-01	mg/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.1	—	—	3.50E-01	mg/L	—	—	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	4.30E-01	mg/L	—	—	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.6	—	—	4.25E-01	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.8	—	—	3.50E-01	mg/L	—	—	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	48.7	—	—	3.50E-01	mg/L	—	—	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.6	—	—	4.30E-01	mg/L	—	—	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.1	—	—	4.25E-01	mg/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.11	—	—	8.50E-02	mg/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.09	—	—	8.50E-02	mg/L	—	—	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.85	—	—	8.50E-02	mg/L	—	—	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.97	—	—	8.50E-02	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.96	—	—	8.50E-02	mg/L	—	—	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.04	—	—	8.50E-02	mg/L	—	—	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.01	—	—	8.50E-02	mg/L	—	—	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.18	—	—	8.50E-02	mg/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.497	—	—	5.00E-02	mg/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	01/14/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.456	—	—	5.00E-02	mg/L	—	—	09-638	CAPU-09-1798	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.51	—	—	5.00E-02	mg/L	—	J	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.483	—	—	1.00E-02	mg/L	—	—	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.42	—	—	5.00E-02	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.386	—	—	5.00E-02	ug/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	01/14/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.397	—	—	5.00E-02	ug/L	—	—	09-638	CAPU-09-1798	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.405	—	—	5.00E-02	ug/L	—	—	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.38	—	—	5.00E-02	ug/L	—	—	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.373	—	—	5.00E-02	ug/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.11	—	—	5.00E-02	mg/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.08	—	—	5.00E-02	mg/L	—	—	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.11	—	—	5.00E-02	mg/L	—	J	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.06	—	—	5.00E-02	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.1	—	—	5.00E-02	mg/L	—	—	09-2599	CAPU-09-11257	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-2	1711	918	08/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.58	—	—	5.00E-02	mg/L	—	—	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.33	—	—	5.00E-02	mg/L	—	J	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.13	—	—	5.00E-02	mg/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	82.2	—	—	3.20E-02	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.7	—	—	1.00E-01	mg/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	4.50E-02	mg/L	—	—	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	4.50E-02	mg/L	—	—	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.9	—	—	4.50E-02	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	1.00E-01	mg/L	—	—	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.4	—	—	4.50E-02	mg/L	—	—	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14	—	—	4.50E-02	mg/L	—	—	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	4.50E-02	mg/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1.00E+00	uS/cm	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	01/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	137	—	—	1.00E+00	uS/cm	—	—	09-638	CAPU-09-1798	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	134	—	—	1.00E+00	uS/cm	—	—	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	147	—	—	1.00E+00	uS/cm	—	—	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	144	—	—	1.00E+00	uS/cm	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.53	—	—	1.00E-01	mg/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	01/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.41	—	—	1.00E-01	mg/L	—	J-	09-638	CAPU-09-1798	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.45	—	—	1.00E-01	mg/L	—	J-	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.4	—	—	1.00E-01	mg/L	—	—	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.58	—	—	1.00E-01	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	160	—	—	2.40E+00	mg/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	01/14/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	156	—	—	2.40E+00	mg/L	—	J	09-638	CAPU-09-1798	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	157	—	—	2.40E+00	mg/L	—	J	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	160	—	—	2.40E+00	mg/L	—	J	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	176	—	—	2.38E+00	mg/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.049	—	—	1.50E-02	mg/L	J	J	09-2599	CAPU-09-11258	GELC
R-2	1711	918	01/14/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.035	—	—	2.40E-02	mg/L	J	J	09-638	CAPU-09-1798	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.085	—	—	2.40E-02	mg/L	—	U	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.04	—	—	2.40E-02	mg/L	J	J	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.062	—	—	2.40E-02	mg/L	—	U	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.53	—	—	1.00E-02	SU	H	J-	09-2599	CAPU-09-11258	GELC
R-2	1711	918	01/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.43	—	—	1.00E-02	SU	H	J-	09-638	CAPU-09-1798	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.47	—	—	1.00E-02	SU	H	J-	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.6	—	—	1.00E-02	SU	H	J-	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.76	—	—	1.00E-02	SU	H	J	189777	GF070700G02R01	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	UN	UJ	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	6.80E+01	ug/L	U	U	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	68	—	—	6.80E+01	ug/L	U	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	308	—	—	6.80E+01	ug/L	—	—	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3410	—	—	6.80E+01	ug/L	N	J+	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	972	—	—	6.80E+01	ug/L	—	—	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	240	—	—	6.80E+01	ug/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	16	—	—	1.00E+00	ug/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14.5	—	—	1.00E+00	ug/L	—	—	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14	—	—	1.00E+00	ug/L	—	—	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.4	—	—	1.00E+00	ug/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.2	—	—	1.00E+00	ug/L	—	—	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	48	—	—	1.00E+00	ug/L	—	—	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.7	—	—	1.00E+00	ug/L	—	—	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.7	—	—	1.00E+00	ug/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	20.2	—	—	1.50E+01	ug/L	J	J	09-2599	CAPU-09-11258	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	13.6	—	—	1.00E+01	ug/L	J	J	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19	—	—	1.00E+01	ug/L	J	J	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.5	—	—	1.00E+01	ug/L	J	—	189777	GF070700G02R01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-2	1711	918	07/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	19.6	—	—	1.50E+01	ug/L	J	J	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.4	—	—	1.00E+01	ug/L	J	J	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21.5	—	—	1.00E+01	ug/L	J	J	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.9	—	—	1.00E+01	ug/L	J	—	189777	GU070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.95	—	—	2.50E+00	ug/L	J	J	09-2599	CAPU-09-11258	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.5	—	—	1.50E+00	ug/L	—	—	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.7	—	—	2.50E+00	ug/L	J	J	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.4	—	—	1.00E+00	ug/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.68	—	—	2.50E+00	ug/L	J	J	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	20.2	—	—	1.50E+00	ug/L	—	—	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	25.9	—	—	2.50E+00	ug/L	—	—	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.4	—	—	1.00E+00	ug/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	ug/L	U	R	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	5.61	—	—	3.00E+00	ug/L	J	J	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	9.3	—	—	3.00E+00	ug/L	J	J	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	6.3	—	—	3.00E+00	ug/L	J	J	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	7.1	—	—	3.00E+00	ug/L	J	J-	189777	GU070700G02R01	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	5.00E-01	ug/L	U	U	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6020	Lead	<	0.5	—	—	5.00E-01	ug/L	U	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.533	—	—	5.00E-01	ug/L	J	J	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	4.1	—	—	5.00E-01	ug/L	—	—	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.7	—	—	5.00E-01	ug/L	J	J	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.66	—	—	5.00E-01	ug/L	J	—	189777	GU070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	12.6	—	—	2.00E+00	ug/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	20.1	—	—	2.00E+00	ug/L	—	—	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11.5	—	—	2.00E+00	ug/L	—	—	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.3	—	—	2.00E+00	ug/L	J	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	14.2	—	—	2.00E+00	ug/L	—	—	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	79.2	—	—	2.00E+00	ug/L	—	—	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	18.5	—	—	2.00E+00	ug/L	—	—	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.1	—	—	2.00E+00	ug/L	J	—	189777	GU070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.72	—	—	1.00E-01	ug/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2	—	—	1.00E-01	ug/L	—	J	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2.00E+00	ug/L	J	J	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.6	—	—	2.00E+00	ug/L	J	U	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.82	—	—	1.00E-01	ug/L	—	—	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.2	—	—	1.00E-01	ug/L	—	J	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.4	—	—	2.00E+00	ug/L	J	J	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.3	—	—	2.00E+00	ug/L	J	U	189777	GU070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	5.00E-01	ug/L	J	J	09-2599	CAPU-09-11258	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3	—	—	5.00E-01	ug/L	—	—	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	5.00E-01	ug/L	J	J	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.24	—	—	5.00E-01	ug/L	—	—	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	10.4	—	—	5.00E-01	ug/L	—	—	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	10.8	—	—	5.00E-01	ug/L	—	—	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	5.00E-01	ug/L	J	—	189777	GU070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	87.7	—	—	5.30E-02	mg/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	01/14/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	86.7	—	—	3.20E-02	mg/L	—	—	09-638	CAPU-09-1798	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	86.3	—	—	3.20E-02	mg/L	—	—	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	80.1	—	—	3.20E-02	mg/L	E	—	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.9	—	—	1.00E+00	ug/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.7	—	—	1.00E+00	ug/L	—	—	08-1815	CAPU-08-14788	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.1	—	—	1.00E+00	ug/L	—	—	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.9	—	—	1.00E+00	ug/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.6	—	—	1.00E+00	ug/L	—	—	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	73	—	—	1.00E+00	ug/L	—	—	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	58.1	—	—	1.00E+00	ug/L	—	—	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.5	—	—	1.00E+00	ug/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.43	—	—	5.00E-02	ug/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.53	—	—	5.00E-02	ug/L	—	—	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.42	—	—	5.00E-02	ug/L	—	—	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.58	—	—	5.00E-02	ug/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.573	—	—	5.00E-02	ug/L	—	—	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	5.00E-02	ug/L	—	—	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.79	—	—	5.00E-02	ug/L	—	—	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.73	—	—	5.00E-02	ug/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.52	—	—	1.00E+00	ug/L	—	—	09-2599	CAPU-09-11258	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	9.9	—	—	1.00E+00	ug/L	—	U	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.1	—	—	1.00E+00	ug/L	—	—	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.5	—	—	1.00E+00	ug/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.65	—	—	1.00E+00	ug/L	—	—	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	12.2	—	—	1.00E+00	ug/L	—	U	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.9	—	—	1.00E+00	ug/L	—	—	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.2	—	—	1.00E+00	ug/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	07/10/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.48	—	—	3.30E+00	ug/L	J	J	09-2599	CAPU-09-11258	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.2	—	—	2.00E+00	ug/L	J	J	08-1815	CAPU-08-14788	GELC
R-2	1711	918	01/11/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.9	—	—	2.00E+00	ug/L	J	J	08-477	CAPU-08-9897	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.8	—	—	2.00E+00	ug/L	J	JN-	189777	GF070700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.59	—	—	3.30E+00	ug/L	J	J	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.6	—	—	2.00E+00	ug/L	—	—	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.1	—	—	2.00E+00	ug/L	—	—	08-477	CAPU-08-9896	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.4	—	—	2.00E+00	ug/L	J	JN-	189777	GU070700G02R01	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00027	1.70E-03	2.50E-02	—	pCi/L	U	U	08-1815	CAPU-08-14788	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0126	4.60E-03	4.28E-02	—	pCi/L	U	U	189777	GF070700G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00967	2.77E-03	2.53E-02	—	pCi/L	U	JN-, U	167877	GF060700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0145	4.33E-03	4.30E-02	—	pCi/L	U	U	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00328	8.33E-04	2.50E-02	—	pCi/L	U	U	08-1815	CAPU-08-14787	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0175	2.80E-03	4.01E-02	—	pCi/L	U	U	189777	GU070700G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00727	3.90E-03	2.76E-02	—	pCi/L	U	JN-, U	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00574	1.95E-03	3.78E-02	—	pCi/L	U	U	157105	GU06020G02R01	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.308	3.67E-01	3.60E+00	—	pCi/L	U	U	08-1815	CAPU-08-14788	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0942	4.10E-01	4.04E+00	—	pCi/L	U	U	189777	GF070700G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.92	3.33E-01	3.54E+00	—	pCi/L	U	U	167877	GF060700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.74	5.33E-01	4.40E+00	—	pCi/L	U	U	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.43	3.67E-01	3.90E+00	—	pCi/L	U	U	08-1815	CAPU-08-14787	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0903	4.23E-01	4.12E+00	—	pCi/L	U	U	189777	GU070700G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.307	3.09E-01	3.20E+00	—	pCi/L	U	U	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.14	3.11E-01	3.71E+00	—	pCi/L	U	U	157105	GU06020G02R01	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.03	5.00E-01	4.20E+00	—	pCi/L	U	U	08-1815	CAPU-08-14788	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.717	4.20E-01	4.29E+00	—	pCi/L	U	U	189777	GF070700G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.108	3.19E-01	3.07E+00	—	pCi/L	U	U	167877	GF060700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.955	5.33E-01	5.60E+00	—	pCi/L	U	U	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.433	4.33E-01	4.10E+00	—	pCi/L	U	U	08-1815	CAPU-08-14787	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.36	5.43E-01	4.72E+00	—	pCi/L	U	U	189777	GU070700G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.88	2.92E-01	3.73E+00	—	pCi/L	U	U	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.535	3.80E-01	4.18E+00	—	pCi/L	U	U	157105	GU06020G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.472	1.73E-01	2.00E+00	—	pCi/L	U	U	09-2599	CAPU-09-11257	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.537	2.87E-01	2.98E+00	—	pCi/L	U	U	189777	GF070700G02R01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-2	1711	918	07/24/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.566	2.36E-01	2.93E+00	—	pCi/L	U	U	167877	GF060700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	23.2	9.00E-01	3.80E+00	—	pCi/L	—	—	09-2599	CAPU-09-11257	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.35	4.63E-01	3.50E+00	—	pCi/L	—	J	189777	GU070700G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.31	2.56E-01	2.94E+00	—	pCi/L	U	U	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.1	2.50E-01	2.40E+00	—	pCi/L	—	J	157105	GU06020G02R01	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	7.96	2.87E+00	1.20E+01	—	pCi/L	U	U	08-1815	CAPU-08-14788	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	70.8	2.25E+01	2.49E+02	—	pCi/L	U	U	189777	GF070700G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	98.1	2.07E+01	2.67E+02	—	pCi/L	U	U	167877	GF060700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	139	2.17E+01	1.30E+02	—	pCi/L	—	U	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	18	8.00E+00	3.20E+01	—	pCi/L	U	U	08-1815	CAPU-08-14787	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	76.2	3.07E+01	2.76E+02	—	pCi/L	U	U	189777	GU070700G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	71.6	2.31E+01	2.87E+02	—	pCi/L	U	U	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	71.1	2.56E+01	2.68E+02	—	pCi/L	U	U	157105	GU06020G02R01	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.38	3.27E+00	2.80E+01	—	pCi/L	U	U	08-1815	CAPU-08-14788	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.4	4.50E+00	2.79E+01	—	pCi/L	U	U	189777	GF070700G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.81	2.72E+00	2.48E+01	—	pCi/L	U	U	167877	GF060700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	16.3	4.33E+00	4.50E+01	—	pCi/L	U	U	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-19.6	2.57E+00	2.10E+01	—	pCi/L	U	U	08-1815	CAPU-08-14787	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.08	2.06E+00	1.92E+01	—	pCi/L	U	U	189777	GU070700G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.71	2.54E+00	2.41E+01	—	pCi/L	U	U	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.01	2.54E+00	2.59E+01	—	pCi/L	U	U	157105	GU06020G02R01	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00992	4.00E-03	3.50E-02	—	pCi/L	U	U	08-1815	CAPU-08-14788	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00718	2.40E-03	2.51E-02	—	pCi/L	U	U	189777	GF070700G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-2.1E-09	3.43E-03	2.11E-02	—	pCi/L	U	U	167877	GF060700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00384	2.57E-03	3.10E-02	—	pCi/L	U	U	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0204	4.33E-03	3.20E-02	—	pCi/L	U	U	08-1815	CAPU-08-14787	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00989	2.06E-03	2.31E-02	—	pCi/L	U	U	189777	GU070700G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00705	4.77E-03	2.26E-02	—	pCi/L	U	U	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0138	4.00E-03	4.10E-02	—	pCi/L	U	U	157105	GU06020G02R01	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00743	2.73E-03	4.20E-02	—	pCi/L	U	U	08-1815	CAPU-08-14788	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0305	3.02E-03	2.78E-02	—	pCi/L	U	R	189777	GF070700G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0022	2.64E-03	2.46E-02	—	pCi/L	U	U	167877	GF060700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00192	1.10E-03	3.80E-02	—	pCi/L	U	U	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	2.7E-10	1.50E-03	3.90E-02	—	pCi/L	U	U	08-1815	CAPU-08-14787	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00165	9.53E-04	2.56E-02	—	pCi/L	U	U	189777	GU070700G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0047	2.22E-03	2.63E-02	—	pCi/L	U	U	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0138	3.26E-03	4.50E-02	—	pCi/L	U	U	157105	GU06020G02R01	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	4.17	5.00E+00	5.30E+01	—	pCi/L	U	U	08-1815	CAPU-08-14788	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-10.5	4.77E+00	4.50E+01	—	pCi/L	U	U	189777	GF070700G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	20.3	5.63E+00	3.29E+01	—	pCi/L	U	U	167877	GF060700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	4.05	5.33E+00	5.30E+01	—	pCi/L	U	U	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-29.7	5.00E+00	4.00E+01	—	pCi/L	U	U	08-1815	CAPU-08-14787	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-16.9	5.50E+00	5.09E+01	—	pCi/L	U	U	189777	GU070700G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	2.92	5.97E+00	2.77E+01	—	pCi/L	U	U	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	29.7	3.90E+00	4.86E+01	—	pCi/L	U	U	157105	GU06020G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.214	3.67E-02	3.40E-01	—	pCi/L	U	U	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.517	7.00E-02	6.00E-01	—	pCi/L	U	U	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.296	7.67E-02	8.00E-01	—	pCi/L	U	U	08-477	CAPU-08-9896	GELC
R-2	1711	918	11/09/05	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	3.65	1.04E+00	4.89E+00	—	pCi/L	U	U	150023	GU05110G02R01	GELC
R-2	1711	918	08/09/05	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	7.96	1.27E+00	9.88E+00	—	pCi/L	U	U	142923	GU05080G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.19	1.17E-01	8.40E-01	—	pCi/L	—	—	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.398	4.33E-02	3.50E-01	—	pCi/L	—	U	08-1815	CAPU-08-14787	GELC
R-2	1711	918	01/11/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.05	8.00E-02	4.70E-01	—	pCi/L	—	—	08-477	CAPU-08-9896	GELC
R-2	1711	918	01/13/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	6.54	6.33E-01	7.60E+00	—	pCi/L	U	U	2024S	GW02-04-52963	GEL
R-2	1711	918	12/11/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	0	1.27E+00	1.40E+01	—	pCi/L	UI	R	2003S	GW02-04-52938	GEL
R-2	1711	918	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.22	4.00E-01	3.90E+00	—	pCi/L	U	U	08-1815	CAPU-08-14788	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-2	1711	918	07/16/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.73	4.07E-01	3.49E+00	—	pCi/L	U	U	189777	GF070700G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.507	3.53E-01	3.31E+00	—	pCi/L	U	U	167877	GF060700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.963	4.67E-01	4.90E+00	—	pCi/L	U	U	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.01	3.67E-01	3.10E+00	—	pCi/L	U	U	08-1815	CAPU-08-14787	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.818	4.83E-01	4.45E+00	—	pCi/L	U	U	189777	GU070700G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0317	2.80E-01	3.11E+00	—	pCi/L	U	U	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.884	3.15E-01	3.66E+00	—	pCi/L	U	U	157105	GU06020G02R01	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0568	4.00E-02	4.40E-01	—	pCi/L	U	U	08-1815	CAPU-08-14788	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0717	2.25E-02	2.88E-01	—	pCi/L	U	U	189777	GF070700G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.127	2.84E-02	4.40E-01	—	pCi/L	U	U	167877	GF060700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.116	3.33E-02	3.50E-01	—	pCi/L	U	U	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0883	3.07E-02	3.60E-01	—	pCi/L	U	U	08-1815	CAPU-08-14787	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.252	2.07E-02	3.26E-01	—	pCi/L	U	U	189777	GU070700G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.108	3.80E-02	4.96E-01	—	pCi/L	U	U	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0217	1.99E-02	2.91E-01	—	pCi/L	U	U	157105	GU06020G02R01	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.386	1.73E-02	1.50E-01	—	pCi/L	—	—	08-1815	CAPU-08-14788	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.432	1.23E-02	2.48E-02	—	pCi/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.417	1.28E-02	4.33E-02	—	pCi/L	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.395	1.40E-02	9.70E-02	—	pCi/L	—	—	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.688	1.80E-02	6.50E-02	—	pCi/L	—	—	08-1815	CAPU-08-14787	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.524	1.55E-02	3.08E-02	—	pCi/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.586	1.68E-02	4.67E-02	—	pCi/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.438	1.59E-02	9.31E-02	—	pCi/L	—	—	157105	GU06020G02R01	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.011	4.33E-03	8.10E-02	—	pCi/L	U	U	08-1815	CAPU-08-14788	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0219	2.34E-03	2.09E-02	—	pCi/L	—	J	189777	GF070700G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00769	2.27E-03	3.65E-02	—	pCi/L	U	U	167877	GF060700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0125	2.10E-03	4.70E-02	—	pCi/L	U	U	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0282	2.97E-03	3.50E-02	—	pCi/L	U	U	08-1815	CAPU-08-14787	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0463	3.83E-03	2.60E-02	—	pCi/L	—	J	189777	GU070700G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0249	3.60E-03	3.94E-02	—	pCi/L	U	U	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0253	5.00E-03	4.51E-02	—	pCi/L	U	U	157105	GU06020G02R01	GELC
R-2	1711	918	08/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.12	8.67E-03	8.00E-02	—	pCi/L	—	—	08-1815	CAPU-08-14788	GELC
R-2	1711	918	07/16/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.173	6.80E-03	3.33E-02	—	pCi/L	—	—	189777	GF070700G02R01	GELC
R-2	1711	918	07/24/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.162	6.97E-03	4.60E-02	—	pCi/L	—	—	167877	GF060700G02R01	GELC
R-2	1711	918	07/10/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.174	8.00E-03	4.80E-02	—	pCi/L	—	—	09-2599	CAPU-09-11257	GELC
R-2	1711	918	08/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.482	1.37E-02	3.40E-02	—	pCi/L	—	—	08-1815	CAPU-08-14787	GELC
R-2	1711	918	07/16/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.218	8.77E-03	4.15E-02	—	pCi/L	—	—	189777	GU070700G02R01	GELC
R-2	1711	918	07/24/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.228	8.80E-03	4.96E-02	—	pCi/L	—	—	167877	GU060700G02R01	GELC
R-2	1711	918	02/27/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.164	9.20E-03	5.22E-02	—	pCi/L	—	—	157105	GU06020G02R01	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	105	—	—	7.30E-01	mg/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	01/15/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	103	—	—	7.30E-01	mg/L	—	—	09-655	CAPU-09-1803	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	107	—	—	7.30E-01	mg/L	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	106	—	—	7.30E-01	mg/L	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20	—	—	5.00E-02	mg/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.5	—	—	3.00E-02	mg/L	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.7	—	—	3.00E-02	mg/L	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.6	—	—	3.00E-02	mg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.2	—	—	5.00E-02	mg/L	—	—	09-2673	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.4	—	—	3.00E-02	mg/L	—	—	08-1777	CAPU-08-14805	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.5	—	—	3.00E-02	mg/L	—	—	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.4	—	—	3.00E-02	mg/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.51	—	—	6.60E-02	mg/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	01/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.47	—	—	6.60E-02	mg/L	—	—	09-655	CAPU-09-1803	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.31	—	—	6.60E-02	mg/L	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.21	—	—	6.60E-02	mg/L	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.358	—	—	3.30E-02	mg/L	—	—	09-2673	CAPU-09-11270	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-24	6321	825	01/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.328	—	—	3.30E-02	mg/L	—	—	09-655	CAPU-09-1803	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.313	—	—	3.30E-02	mg/L	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.309	—	—	3.30E-02	mg/L	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	64.8	—	—	3.50E-01	mg/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	66.7	—	—	3.50E-01	mg/L	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	66.3	—	—	4.30E-01	mg/L	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	63.4	—	—	4.25E-01	mg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	65.3	—	—	3.50E-01	mg/L	—	—	09-2673	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	66.9	—	—	3.50E-01	mg/L	—	—	08-1777	CAPU-08-14805	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	65.6	—	—	4.30E-01	mg/L	—	—	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	62.6	—	—	4.25E-01	mg/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.62	—	—	8.50E-02	mg/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.78	—	—	8.50E-02	mg/L	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.53	—	—	8.50E-02	mg/L	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.51	—	—	8.50E-02	mg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.61	—	—	8.50E-02	mg/L	—	—	09-2673	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.89	—	—	8.50E-02	mg/L	—	—	08-1777	CAPU-08-14805	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.49	—	—	8.50E-02	mg/L	—	—	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.43	—	—	8.50E-02	mg/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.394	—	—	5.00E-02	ug/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	01/15/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.356	—	—	5.00E-02	ug/L	—	—	09-655	CAPU-09-1803	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.317	—	—	5.00E-02	ug/L	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.395	—	—	5.00E-02	ug/L	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.26	—	—	5.00E-02	mg/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.31	—	—	5.00E-02	mg/L	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.28	—	—	5.00E-02	mg/L	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.15	—	—	5.00E-02	mg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.3	—	—	5.00E-02	mg/L	—	—	09-2673	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.26	—	—	5.00E-02	mg/L	—	—	08-1777	CAPU-08-14805	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.23	—	—	5.00E-02	mg/L	—	—	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.12	—	—	5.00E-02	mg/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.6	—	—	1.00E-01	mg/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	26.1	—	—	4.50E-02	mg/L	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	27.5	—	—	4.50E-02	mg/L	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	26.8	—	—	4.50E-02	mg/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	25.5	—	—	1.00E-01	mg/L	—	—	09-2673	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	26.1	—	—	4.50E-02	mg/L	—	—	08-1777	CAPU-08-14805	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	27.3	—	—	4.50E-02	mg/L	—	—	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	26.5	—	—	4.50E-02	mg/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	232	—	—	1.00E+00	uS/cm	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	01/15/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	241	—	—	1.00E+00	uS/cm	—	—	09-655	CAPU-09-1803	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	253	—	—	1.00E+00	uS/cm	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	240	—	—	1.00E+00	uS/cm	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.09	—	—	1.00E-01	mg/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	01/15/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.74	—	—	1.00E-01	mg/L	—	J-	09-655	CAPU-09-1803	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.89	—	—	1.00E-01	mg/L	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.67	—	—	1.00E-01	mg/L	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	180	—	—	2.40E+00	mg/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	01/15/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	186	—	—	2.40E+00	mg/L	—	J	09-655	CAPU-09-1803	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	181	—	—	2.40E+00	mg/L	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	188	—	—	2.40E+00	mg/L	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.562	—	—	1.50E-02	mg/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	01/15/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.046	—	—	2.40E-02	mg/L	J	U	09-655	CAPU-09-1803	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.05	—	—	2.40E-02	mg/L	U	U	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.034	—	—	2.40E-02	mg/L	J	U	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.08	—	—	1.00E-02	SU	H	J-	09-2673	CAPU-09-11270	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-24	6321	825	01/15/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.15	—	—	1.00E-02	SU	H	J-	09-655	CAPU-09-1803	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.02	—	—	1.00E-02	SU	H	J-	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	1.00E-02	SU	H	J-	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	62	—	—	1.00E+00	ug/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	67.1	—	—	1.00E+00	ug/L	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	70.8	—	—	1.00E+00	ug/L	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	163	—	—	1.00E+00	ug/L	—	J	190028	GF070700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	62.9	—	—	1.00E+00	ug/L	—	—	09-2673	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	68.2	—	—	1.00E+00	ug/L	—	—	08-1777	CAPU-08-14805	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	70.4	—	—	1.00E+00	ug/L	—	—	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	78.4	—	—	1.00E+00	ug/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	51.7	—	—	1.50E+01	ug/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	46.3	—	—	1.00E+01	ug/L	J	J	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	53.7	—	—	1.00E+01	ug/L	—	U	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	54.5	—	—	1.00E+01	ug/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	52.4	—	—	1.50E+01	ug/L	—	—	09-2673	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	47.2	—	—	1.00E+01	ug/L	J	J	08-1777	CAPU-08-14805	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	55.9	—	—	1.00E+01	ug/L	—	U	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	51.2	—	—	1.00E+01	ug/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.35	—	—	2.50E+00	ug/L	J	J	09-2673	CAPU-09-11270	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.3	—	—	1.50E+00	ug/L	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	2.50E+00	ug/L	J	J	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3.6	—	—	1.00E+00	ug/L	—	U	190028	GF070700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.77	—	—	2.50E+00	ug/L	J	J	09-2673	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.4	—	—	1.50E+00	ug/L	—	—	08-1777	CAPU-08-14805	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	2.50E+00	ug/L	J	J	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3.1	—	—	1.00E+00	ug/L	—	U	190028	GU070700GR2401	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.52	—	—	1.00E-01	ug/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3	—	—	1.00E-01	ug/L	—	J	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.3	—	—	2.00E+00	ug/L	J	J	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.4	—	—	2.00E+00	ug/L	J	U	190028	GF070700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.57	—	—	1.00E-01	ug/L	—	—	09-2673	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.1	—	—	1.00E-01	ug/L	—	J	08-1777	CAPU-08-14805	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.6	—	—	2.00E+00	ug/L	J	J	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.4	—	—	2.00E+00	ug/L	J	U	190028	GU070700GR2401	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.25	—	—	5.00E-01	ug/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.8	—	—	5.00E-01	ug/L	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.2	—	—	5.00E-01	ug/L	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	5.00E-01	ug/L	J	—	190028	GF070700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.72	—	—	5.00E-01	ug/L	—	—	09-2673	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	5.1	—	—	5.00E-01	ug/L	—	—	08-1777	CAPU-08-14805	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.1	—	—	5.00E-01	ug/L	—	—	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	5.00E-01	ug/L	J	—	190028	GU070700GR2401	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	55.3	—	—	5.30E-02	mg/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	01/15/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	55.4	—	—	3.20E-02	mg/L	—	—	09-655	CAPU-09-1803	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	54.1	—	—	3.20E-02	mg/L	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	55.6	—	—	3.20E-02	mg/L	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	113	—	—	1.00E+00	ug/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	115	—	—	1.00E+00	ug/L	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	118	—	—	1.00E+00	ug/L	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	114	—	—	1.00E+00	ug/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	116	—	—	1.00E+00	ug/L	—	—	09-2673	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	115	—	—	1.00E+00	ug/L	—	—	08-1777	CAPU-08-14805	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	117	—	—	1.00E+00	ug/L	—	—	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	114	—	—	1.00E+00	ug/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.39	—	—	5.00E-02	ug/L	—	—	09-2673	CAPU-09-11270	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-24	6321	825	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	5.00E-02	ug/L	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	ug/L	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	ug/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.49	—	—	5.00E-02	ug/L	—	—	09-2673	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	ug/L	—	—	08-1777	CAPU-08-14805	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	5.00E-02	ug/L	—	—	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	5.00E-02	ug/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	17.6	—	—	1.00E+00	ug/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	19.2	—	—	1.00E+00	ug/L	—	U	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	17.7	—	—	1.00E+00	ug/L	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	17.5	—	—	1.00E+00	ug/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	17.7	—	—	1.00E+00	ug/L	—	—	09-2673	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	18.9	—	—	1.00E+00	ug/L	—	U	08-1777	CAPU-08-14805	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	17.9	—	—	1.00E+00	ug/L	—	—	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	17.8	—	—	1.00E+00	ug/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	14.7	—	—	3.30E+00	ug/L	—	—	09-2673	CAPU-09-11270	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	16.4	—	—	2.00E+00	ug/L	—	—	08-1777	CAPU-08-14806	GELC
R-24	6321	825	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	20.9	—	—	2.00E+00	ug/L	—	—	08-562	CAPU-08-9902	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	18.9	—	—	2.00E+00	ug/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	18.1	—	—	3.30E+00	ug/L	—	—	09-2673	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	30.7	—	—	2.00E+00	ug/L	—	—	08-1777	CAPU-08-14805	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	25.3	—	—	2.00E+00	ug/L	—	—	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	24.6	—	—	2.00E+00	ug/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00255	1.43E-03	2.60E-02	—	pCi/L	U	U	08-1778	CAPU-08-14806	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00521	1.12E-03	3.13E-02	—	pCi/L	U	U	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.000411	2.99E-04	3.92E-02	—	pCi/L	U	U	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00617	2.69E-03	2.19E-02	—	pCi/L	U	U	168165	GF060700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00495	4.00E-03	4.50E-02	—	pCi/L	U	U	09-2672	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0014	1.73E-03	2.80E-02	—	pCi/L	U	U	08-1778	CAPU-08-14805	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00916	1.16E-03	3.25E-02	—	pCi/L	U	U	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00742	6.20E-04	3.72E-02	—	pCi/L	U	U	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00313	4.10E-03	2.42E-02	—	pCi/L	U	U	168165	GU060700GR2401	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.36	4.33E-01	3.70E+00	—	pCi/L	U	U	08-1778	CAPU-08-14806	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.985	4.93E-01	4.68E+00	—	pCi/L	U	U	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0292	4.50E-01	4.02E+00	—	pCi/L	U	U	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.101	3.40E-01	3.61E+00	—	pCi/L	U	U	168165	GF060700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.657	5.67E-01	5.40E+00	—	pCi/L	U	U	09-2672	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.87	4.67E-01	4.70E+00	—	pCi/L	U	U	08-1778	CAPU-08-14805	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.16	6.43E-01	5.03E+00	—	pCi/L	U	U	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.3	3.90E-01	2.89E+00	—	pCi/L	U	U	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.343	3.57E-01	4.05E+00	—	pCi/L	U	U	168165	GU060700GR2401	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.412	5.67E-01	5.60E+00	—	pCi/L	U	U	08-1778	CAPU-08-14806	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.737	4.57E-01	4.19E+00	—	pCi/L	U	U	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.33	4.03E-01	4.34E+00	—	pCi/L	U	U	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.712	4.13E-01	4.14E+00	—	pCi/L	U	U	168165	GF060700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.77	5.33E-01	4.10E+00	—	pCi/L	U	U	09-2672	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.741	5.00E-01	5.10E+00	—	pCi/L	U	U	08-1778	CAPU-08-14805	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.48	6.43E-01	6.42E+00	—	pCi/L	U	U	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.915	3.40E-01	3.57E+00	—	pCi/L	U	U	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.956	2.93E-01	3.14E+00	—	pCi/L	U	U	168165	GU060700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.631	2.37E-01	2.50E+00	—	pCi/L	U	U	09-2672	CAPU-09-11269	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.27	4.20E-01	3.54E+00	—	pCi/L	—	J	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.25	3.47E-01	3.30E+00	—	pCi/L	U	U	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2	1.65E-01	1.70E+00	—	pCi/L	—	J	168165	GF060700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3	2.07E-01	1.70E+00	—	pCi/L	—	—	09-2672	CAPU-09-11269	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.79	3.60E-01	2.89E+00	—	pCi/L	—	J	190028	GU070700GR2401	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-24	6321	825	04/16/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.4	3.19E-01	2.70E+00	—	pCi/L	—	J	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	1.93	1.57E-01	1.60E+00	—	pCi/L	—	J	168165	GU060700GR2401	GELC
R-24	6321	825	05/10/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.78	2.64E-01	2.81E+00	—	pCi/L	—	J	162852	GU060500GR2401	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	11.8	3.00E+00	1.80E+01	—	pCi/L	U	U	08-1778	CAPU-08-14806	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	81.8	3.07E+01	2.59E+02	—	pCi/L	U	U	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	94.6	2.76E+01	2.90E+02	—	pCi/L	U	U	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	81.1	4.30E+01	3.26E+02	—	pCi/L	U	U	168165	GF060700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	150	1.23E+01	8.30E+01	—	pCi/L	—	—	09-2672	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	6.51	7.00E+00	3.90E+01	—	pCi/L	U	U	08-1778	CAPU-08-14805	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	76.7	2.57E+01	2.06E+02	—	pCi/L	U	U	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	66.1	2.85E+01	2.49E+02	—	pCi/L	U	U	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	86.8	2.74E+01	2.65E+02	—	pCi/L	U	U	168165	GU060700GR2401	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.2	3.67E+00	3.40E+01	—	pCi/L	U	U	08-1778	CAPU-08-14806	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.9	3.83E+00	3.75E+01	—	pCi/L	U	U	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.3	3.50E+00	3.09E+01	—	pCi/L	U	U	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.24	1.80E+00	1.74E+01	—	pCi/L	U	U	168165	GF060700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	44.1	5.00E+00	4.80E+01	—	pCi/L	U	U	09-2672	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.51	3.13E+00	3.00E+01	—	pCi/L	U	U	08-1778	CAPU-08-14805	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.59	4.03E+00	3.82E+01	—	pCi/L	U	U	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.942	3.27E+00	2.83E+01	—	pCi/L	U	U	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.56	2.76E+00	3.00E+01	—	pCi/L	U	U	168165	GU060700GR2401	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.80E-03	2.40E-02	—	pCi/L	U	U	08-1778	CAPU-08-14806	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00383	2.39E-03	2.68E-02	—	pCi/L	U	U	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00529	2.82E-03	2.56E-02	—	pCi/L	U	U	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00187	2.85E-03	1.79E-02	—	pCi/L	U	U	168165	GF060700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00402	2.13E-03	3.20E-02	—	pCi/L	U	U	09-2672	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00167	2.00E-03	2.30E-02	—	pCi/L	U	U	08-1778	CAPU-08-14805	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00753	3.63E-03	3.51E-02	—	pCi/L	U	U	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	3.61E-09	4.37E-03	2.75E-02	—	pCi/L	U	U	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00819	3.05E-03	1.97E-02	—	pCi/L	U	U	168165	GU060700GR2401	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00678	1.13E-03	2.90E-02	—	pCi/L	U	U	08-1778	CAPU-08-14806	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00766	1.81E-03	2.97E-02	—	pCi/L	U	U	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	1.68E-09	3.11E-03	3.01E-02	—	pCi/L	U	U	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-1.78E-09	2.33E-03	2.09E-02	—	pCi/L	U	U	168165	GF060700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.63E-03	3.90E-02	—	pCi/L	U	U	09-2672	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.005	1.47E-03	2.80E-02	—	pCi/L	U	U	08-1778	CAPU-08-14805	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00502	3.13E-03	3.89E-02	—	pCi/L	U	U	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00947	2.10E-03	3.23E-02	—	pCi/L	U	U	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00614	3.13E-03	2.29E-02	—	pCi/L	U	U	168165	GU060700GR2401	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	14	6.67E+00	7.20E+01	—	pCi/L	U	U	08-1778	CAPU-08-14806	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-23.5	5.87E+00	5.82E+01	—	pCi/L	U	U	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	0.762	5.00E+00	3.42E+01	—	pCi/L	U	U	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	25.9	7.43E+00	4.47E+01	—	pCi/L	U	U	168165	GF060700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.7	6.33E+00	6.00E+01	—	pCi/L	U	U	09-2672	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-6.79	5.67E+00	6.00E+01	—	pCi/L	U	U	08-1778	CAPU-08-14805	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-55	6.90E+00	6.00E+01	—	pCi/L	U	U	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-17.6	4.40E+00	4.23E+01	—	pCi/L	U	U	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	47.3	4.87E+00	6.58E+01	—	pCi/L	U	U	168165	GU060700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.226	2.83E-02	2.30E-01	—	pCi/L	U	U	09-2672	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.243	4.33E-02	4.10E-01	—	pCi/L	U	U	08-1778	CAPU-08-14805	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.166	3.33E-02	3.40E-01	—	pCi/L	U	U	08-562	CAPU-08-9903	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.03	1.03E-01	7.80E-01	—	pCi/L	—	—	09-2672	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.324	7.00E-02	6.70E-01	—	pCi/L	U	U	08-1778	CAPU-08-14805	GELC
R-24	6321	825	01/22/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.553	4.67E-02	3.50E-01	—	pCi/L	—	—	08-562	CAPU-08-9903	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.48	5.33E-01	4.90E+00	—	pCi/L	U	U	08-1778	CAPU-08-14806	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.55	4.30E-01	3.58E+00	—	pCi/L	U	U	190028	GF070700GR2401	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-24	6321	825	04/16/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.905	4.00E-01	4.19E+00	—	pCi/L	U	U	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.651	3.83E-01	3.44E+00	—	pCi/L	U	U	168165	GF060700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-5.98	6.00E-01	4.00E+00	—	pCi/L	U	U	09-2672	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.426	4.00E-01	3.60E+00	—	pCi/L	U	U	08-1778	CAPU-08-14805	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.804	4.37E-01	4.66E+00	—	pCi/L	U	U	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.509	3.60E-01	3.65E+00	—	pCi/L	U	U	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.98	3.67E-01	3.60E+00	—	pCi/L	U	U	168165	GU060700GR2401	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.284	3.33E-02	3.00E-01	—	pCi/L	U	U	08-1778	CAPU-08-14806	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.264	3.90E-02	4.84E-01	—	pCi/L	U	U	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0577	3.00E-02	3.43E-01	—	pCi/L	U	U	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0928	3.04E-02	4.44E-01	—	pCi/L	U	U	168165	GF060700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0963	3.67E-02	3.90E-01	—	pCi/L	U	U	09-2672	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.058	2.67E-02	2.80E-01	—	pCi/L	U	U	08-1778	CAPU-08-14805	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.117	3.33E-02	3.43E-01	—	pCi/L	U	U	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.19	4.37E-02	4.39E-01	—	pCi/L	U	U	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0109	2.89E-02	3.98E-01	—	pCi/L	U	U	168165	GU060700GR2401	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.97	2.30E-02	5.90E-02	—	pCi/L	—	—	08-1778	CAPU-08-14806	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.26	3.04E-02	3.21E-02	—	pCi/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.35	3.30E-02	1.92E-02	—	pCi/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.23	3.16E-02	5.75E-02	—	pCi/L	—	—	168165	GF060700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.871	3.23E-02	1.90E-01	—	pCi/L	—	—	09-2672	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.934	2.27E-02	6.60E-02	—	pCi/L	—	—	08-1778	CAPU-08-14805	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.15	2.79E-02	3.10E-02	—	pCi/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.51	3.60E-02	6.63E-02	—	pCi/L	—	—	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.2	2.90E-02	4.71E-02	—	pCi/L	—	—	168165	GU060700GR2401	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.053	3.67E-03	3.10E-02	—	pCi/L	—	—	08-1778	CAPU-08-14806	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0538	4.23E-03	2.70E-02	—	pCi/L	—	J	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.084	6.13E-03	3.00E-02	—	pCi/L	—	J	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0341	4.60E-03	4.85E-02	—	pCi/L	U	U	168165	GF060700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0346	5.33E-03	9.30E-02	—	pCi/L	U	U	09-2672	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0497	4.00E-03	3.50E-02	—	pCi/L	—	—	08-1778	CAPU-08-14805	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0465	3.87E-03	2.61E-02	—	pCi/L	—	J	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0762	5.30E-03	3.89E-02	—	pCi/L	—	J	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0335	4.00E-03	3.97E-02	—	pCi/L	U	U	168165	GU060700GR2401	GELC
R-24	6321	825	08/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.512	1.40E-02	3.10E-02	—	pCi/L	—	—	08-1778	CAPU-08-14806	GELC
R-24	6321	825	07/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.628	1.75E-02	4.31E-02	—	pCi/L	—	—	190028	GF070700GR2401	GELC
R-24	6321	825	04/16/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.808	2.21E-02	1.92E-02	—	pCi/L	—	—	184416	GF070400GR2401	GELC
R-24	6321	825	07/27/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.593	1.81E-02	6.12E-02	—	pCi/L	—	—	168165	GF060700GR2401	GELC
R-24	6321	825	07/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.485	2.13E-02	9.40E-02	—	pCi/L	—	—	09-2672	CAPU-09-11269	GELC
R-24	6321	825	08/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.566	1.53E-02	3.40E-02	—	pCi/L	—	—	08-1778	CAPU-08-14805	GELC
R-24	6321	825	07/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.695	1.89E-02	4.17E-02	—	pCi/L	—	—	190028	GU070700GR2401	GELC
R-24	6321	825	04/16/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.836	2.23E-02	6.23E-02	—	pCi/L	—	—	184416	GU070400GR2401	GELC
R-24	6321	825	07/27/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.697	1.90E-02	5.01E-02	—	pCi/L	—	—	168165	GU060700GR2401	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	157	—	—	7.30E-01	mg/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	156	—	—	7.30E-01	mg/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	01/20/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	157	—	—	7.30E-01	mg/L	—	—	09-684	CAPU-09-1783	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	157	—	—	7.30E-01	mg/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	160	—	—	7.30E-01	mg/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	153	—	—	7.25E-01	mg/L	—	—	190068	GF070700G3IR01	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.029	—	—	1.60E-02	mg/L	J	J-	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.021	—	—	1.60E-02	mg/L	J	J-	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	01/20/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	09-684	CAPU-09-1783	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	190068	GF070700G3IR01	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Geninorg	EPA:300.0	Bromide	—	0.196	—	—	6.60E-02	mg/L	J	J	09-2716	CAPU-09-11234	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.195	—	—	6.60E-02	mg/L	J	J	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	01/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.70E-02	mg/L	U	UJ	09-684	CAPU-09-1783	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.187	—	—	6.70E-02	mg/L	J	J	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.15	—	—	6.60E-02	mg/L	J	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.175	—	—	6.60E-02	mg/L	J	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	57.8	—	—	5.00E-02	mg/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	55.4	—	—	5.00E-02	mg/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	59.1	—	—	3.00E-02	mg/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	58	—	—	3.00E-02	mg/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	58.1	—	—	3.00E-02	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	54.8	—	—	3.60E-02	mg/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	59.2	—	—	5.00E-02	mg/L	—	—	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	57.7	—	—	5.00E-02	mg/L	—	—	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	59.1	—	—	3.00E-02	mg/L	—	—	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	54	—	—	3.00E-02	mg/L	—	—	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	58.3	—	—	3.00E-02	mg/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	54.2	—	—	3.60E-02	mg/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	37.7	—	—	3.30E-01	mg/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	37.6	—	—	3.30E-01	mg/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	01/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	38	—	—	3.30E-01	mg/L	—	J+	09-684	CAPU-09-1783	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	36.1	—	—	3.30E-01	mg/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	34.7	—	—	3.30E-01	mg/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	35.1	—	—	3.30E-01	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.321	—	—	3.30E-02	mg/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.356	—	—	3.30E-02	mg/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	01/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.34	—	—	3.30E-02	mg/L	—	—	09-684	CAPU-09-1783	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.37	—	—	3.30E-02	mg/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.29	—	—	3.30E-02	mg/L	—	J-	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.314	—	—	3.30E-02	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	209	—	—	3.50E-01	mg/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	202	—	—	3.50E-01	mg/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	211	—	—	3.50E-01	mg/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	210	—	—	4.30E-01	mg/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	212	—	—	4.25E-01	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	199	—	—	4.40E-01	mg/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	215	—	—	3.50E-01	mg/L	—	—	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	210	—	—	3.50E-01	mg/L	—	—	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	209	—	—	3.50E-01	mg/L	—	—	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	197	—	—	4.30E-01	mg/L	—	—	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	212	—	—	4.25E-01	mg/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	197	—	—	4.40E-01	mg/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	15.8	—	—	8.50E-02	mg/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	15.5	—	—	8.50E-02	mg/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	15.4	—	—	8.50E-02	mg/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	15.8	—	—	8.50E-02	mg/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	16.1	—	—	8.50E-02	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	15.2	—	—	8.50E-02	mg/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	16.4	—	—	8.50E-02	mg/L	—	—	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	16	—	—	8.50E-02	mg/L	—	—	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	14.8	—	—	8.50E-02	mg/L	—	—	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	15.2	—	—	8.50E-02	mg/L	—	—	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	16.2	—	—	8.50E-02	mg/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	15	—	—	8.50E-02	mg/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	7.65	—	—	2.50E-01	mg/L	—	J-	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	5.65	—	—	5.00E-01	mg/L	—	J-	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	01/20/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.35	—	—	1.00E-01	mg/L	—	J-	09-684	CAPU-09-1783	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.37	—	—	1.00E-01	mg/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.18	—	—	1.00E-01	mg/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.04	—	—	1.00E-01	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	3.45	—	—	2.50E-01	ug/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	3.23	—	—	2.50E-01	ug/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	01/20/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	2.69	—	—	2.00E-01	ug/L	—	—	09-684	CAPU-09-1783	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	2.88	—	—	2.50E-01	ug/L	—	J+	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	2.3	—	—	2.00E-01	ug/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	2.18	—	—	2.00E-01	ug/L	—	J-	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	5.91	—	—	5.00E-02	mg/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.76	—	—	5.00E-02	mg/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.14	—	—	5.00E-02	mg/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.51	—	—	5.00E-02	mg/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.57	—	—	5.00E-02	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.69	—	—	5.00E-02	mg/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	6.15	—	—	5.00E-02	mg/L	—	—	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.06	—	—	5.00E-02	mg/L	—	—	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.02	—	—	5.00E-02	mg/L	—	—	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.2	—	—	5.00E-02	mg/L	—	—	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.72	—	—	5.00E-02	mg/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.44	—	—	5.00E-02	mg/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	52.4	—	—	3.20E-02	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	16.9	—	—	1.00E-01	mg/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18	—	—	1.00E-01	mg/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.7	—	—	4.50E-02	mg/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.3	—	—	4.50E-02	mg/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.9	—	—	4.50E-02	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19	—	—	4.50E-02	mg/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	18.6	—	—	1.00E-01	mg/L	—	—	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.1	—	—	1.00E-01	mg/L	—	—	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.4	—	—	4.50E-02	mg/L	—	—	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.3	—	—	4.50E-02	mg/L	—	—	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.4	—	—	4.50E-02	mg/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.7	—	—	4.50E-02	mg/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	527	—	—	1.00E+00	uS/cm	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	525	—	—	1.00E+00	uS/cm	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	01/20/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	495	—	—	1.00E+00	uS/cm	—	—	09-684	CAPU-09-1783	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	512	—	—	1.00E+00	uS/cm	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	518	—	—	1.00E+00	uS/cm	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	526	—	—	1.00E+00	uS/cm	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	25.4	—	—	1.00E-01	mg/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	25.5	—	—	1.00E-01	mg/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	01/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	23.2	—	—	1.00E-01	mg/L	—	—	09-684	CAPU-09-1783	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	23	—	—	1.00E-01	mg/L	—	J-	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	20.1	—	—	1.00E-01	mg/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	20.3	—	—	1.00E-01	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	332	—	—	2.40E+00	mg/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	326	—	—	2.40E+00	mg/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	01/20/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	318	—	—	2.40E+00	mg/L	—	—	09-684	CAPU-09-1783	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	323	—	—	2.40E+00	mg/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	324	—	—	2.40E+00	mg/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	317	—	—	2.38E+00	mg/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.057	—	—	2.90E-02	mg/L	J	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.058	—	—	3.30E-02	mg/L	J	J	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	01/20/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	U	09-683	CAPU-09-1784	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	UJ	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.081	—	—	2.90E-02	mg/L	J	J	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.05	—	—	2.90E-02	mg/L	J	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	0.948	—	—	3.30E-01	mg/L	J	J	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.827	—	—	3.30E-01	mg/L	J	J	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	01/20/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.3	—	—	3.30E-01	mg/L	—	—	09-683	CAPU-09-1784	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.983	—	—	3.30E-01	mg/L	J	J	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.15	—	—	3.30E-01	mg/L	—	—	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.07	—	—	3.30E-01	mg/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.107	—	—	1.50E-02	mg/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.057	—	—	1.50E-02	mg/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	01/20/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.05	—	—	2.40E-02	mg/L	U	U	09-684	CAPU-09-1783	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.06	—	—	2.40E-02	mg/L	—	U	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.039	—	—	2.40E-02	mg/L	J	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.035	—	—	2.40E-02	mg/L	J	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	5.81	—	—	1.00E-02	SU	H	J-	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.85	—	—	1.00E-02	SU	H	J-	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	01/20/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.86	—	—	1.00E-02	SU	H	J-	09-684	CAPU-09-1783	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.6	—	—	1.00E-02	SU	H	J-	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	1.00E-02	SU	H	J-	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.6	—	—	1.00E-02	SU	H	J	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.69	—	—	1.50E+00	ug/L	J	J	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.5	—	—	1.50E+00	ug/L	J	J	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	104	—	—	1.00E+00	ug/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	98.8	—	—	1.00E+00	ug/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	96.6	—	—	1.00E+00	ug/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	97.3	—	—	1.00E+00	ug/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	101	—	—	1.00E+00	ug/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	95.2	—	—	1.00E+00	ug/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	105	—	—	1.00E+00	ug/L	—	—	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	103	—	—	1.00E+00	ug/L	—	—	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	99.1	—	—	1.00E+00	ug/L	—	—	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	94.9	—	—	1.00E+00	ug/L	—	—	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	101	—	—	1.00E+00	ug/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	94.5	—	—	1.00E+00	ug/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	97.7	—	—	1.50E+01	ug/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	94.2	—	—	1.50E+01	ug/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	84.6	—	—	1.00E+01	ug/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	119	—	—	1.00E+01	ug/L	—	J	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	108	—	—	1.00E+01	ug/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	95.3	—	—	1.00E+01	ug/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	97	—	—	1.50E+01	ug/L	—	—	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	98.9	—	—	1.50E+01	ug/L	—	—	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	85.7	—	—	1.00E+01	ug/L	—	—	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	114	—	—	1.00E+01	ug/L	—	J	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	107	—	—	1.00E+01	ug/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	96	—	—	1.00E+01	ug/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.9	—	—	2.50E+00	ug/L	J	J	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	08-1836	CAPU-08-14783	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	2.56	—	—	2.50E+00	ug/L	J	J	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.58	—	—	2.50E+00	ug/L	J	J	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.50E+00	ug/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	ug/L	U	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	ug/L	U	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Metals	SW-846:6010B	Copper	—	3.99	—	—	3.00E+00	ug/L	J	J	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3.00E+00	ug/L	U	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	5.7	—	—	3.00E+00	ug/L	J	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	1.80E+01	ug/L	U	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	379	—	—	3.00E+01	ug/L	—	—	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	25	—	—	2.50E+01	ug/L	U	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	25.6	—	—	1.80E+01	ug/L	J	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	8.41	—	—	5.00E-01	ug/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	8.56	—	—	5.00E-01	ug/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	8.9	—	—	5.00E-01	ug/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	9	—	—	5.00E-01	ug/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	8.7	—	—	5.00E-01	ug/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	9.6	—	—	5.00E-01	ug/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	8.33	—	—	5.00E-01	ug/L	—	—	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	8.44	—	—	5.00E-01	ug/L	—	—	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	8.4	—	—	5.00E-01	ug/L	—	—	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	8.6	—	—	5.00E-01	ug/L	—	—	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	8.1	—	—	5.00E-01	ug/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	9.7	—	—	5.00E-01	ug/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	52.5	—	—	5.30E-02	mg/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	49.5	—	—	5.30E-02	mg/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	01/20/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	48.8	—	—	3.20E-02	mg/L	—	—	09-684	CAPU-09-1783	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	51.5	—	—	3.20E-02	mg/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.8	—	—	3.20E-02	mg/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	265	—	—	1.00E+00	ug/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	273	—	—	1.00E+00	ug/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	255	—	—	1.00E+00	ug/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	272	—	—	1.00E+00	ug/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	281	—	—	1.00E+00	ug/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	267	—	—	1.00E+00	ug/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	285	—	—	1.00E+00	ug/L	—	—	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	301	—	—	1.00E+00	ug/L	—	—	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	255	—	—	1.00E+00	ug/L	—	—	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	258	—	—	1.00E+00	ug/L	—	—	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	282	—	—	1.00E+00	ug/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	264	—	—	1.00E+00	ug/L	—	—	183956	GU070400G3iR02	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	9.46	—	—	5.00E-02	ug/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	9.65	—	—	5.00E-02	ug/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	10.2	—	—	5.00E-02	ug/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	9.4	—	—	5.00E-02	ug/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	10	—	—	5.00E-02	ug/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	8.5	—	—	5.00E-02	ug/L	—	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	9.68	—	—	5.00E-02	ug/L	—	—	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	9.23	—	—	5.00E-02	ug/L	—	—	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	9.6	—	—	5.00E-02	ug/L	—	—	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	9.2	—	—	5.00E-02	ug/L	—	—	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	9.8	—	—	5.00E-02	ug/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	8.6	—	—	5.00E-02	ug/L	—	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	3.11	—	—	1.00E+00	ug/L	J	J	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.31	—	—	1.00E+00	ug/L	J	J	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.3	—	—	1.00E+00	ug/L	J	J	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.1	—	—	1.00E+00	ug/L	J	J	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.9	—	—	1.00E+00	ug/L	J	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.7	—	—	1.00E+00	ug/L	J	—	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	3.19	—	—	1.00E+00	ug/L	J	J	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.4	—	—	1.00E+00	ug/L	J	J	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.1	—	—	1.00E+00	ug/L	J	J	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.2	—	—	1.00E+00	ug/L	J	J	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.7	—	—	1.00E+00	ug/L	J	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.9	—	—	1.00E+00	ug/L	J	—	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	FD	Metals	SW-846:6010B	Zinc	—	23.6	—	—	3.30E+00	ug/L	—	—	09-2716	CAPU-09-11234	GELC
R-3i	7701	215.2	07/22/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	49.7	—	—	3.30E+00	ug/L	—	—	09-2716	CAPU-09-11233	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	85.1	—	—	2.00E+00	ug/L	—	J	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	43.3	—	—	2.00E+00	ug/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.1	—	—	2.00E+00	ug/L	J	U	183956	GF070400G3iR02	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Metals	SW-846:6010B	Zinc	—	320	—	—	3.30E+00	ug/L	—	—	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	222	—	—	3.30E+00	ug/L	—	—	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	89.2	—	—	2.00E+00	ug/L	—	J	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	37.1	—	—	2.00E+00	ug/L	—	—	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2.7	—	—	2.00E+00	ug/L	J	U	183956	GU070400G3iR02	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0158	1.80E-03	3.30E-02	—	pCi/L	U	U	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0108	1.67E-03	3.20E-02	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00904	2.47E-03	3.05E-02	—	pCi/L	U	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00734	2.17E-03	4.89E-02	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	0.00317	8.33E-04	3.40E-02	—	pCi/L	U	U	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00995	2.17E-03	4.30E-02	—	pCi/L	U	U	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.018	4.67E-03	5.20E-02	—	pCi/L	U	U	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00715	1.47E-03	3.50E-02	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00122	2.04E-03	3.38E-02	—	pCi/L	U	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0122	3.63E-03	4.74E-02	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	3.27	4.67E-01	5.30E+00	—	pCi/L	U	U	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.83	3.67E-01	3.10E+00	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.18	5.37E-01	5.12E+00	—	pCi/L	U	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.831	4.67E-01	4.32E+00	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	-1.12	5.33E-01	5.10E+00	—	pCi/L	U	U	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.36	5.00E-01	4.40E+00	—	pCi/L	U	U	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.35	3.27E-01	3.70E+00	—	pCi/L	U	U	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.23	4.00E-01	3.90E+00	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.231	4.90E-01	4.70E+00	—	pCi/L	U	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.853	5.43E-01	5.56E+00	—	pCi/L	U	U	183956	GU070400G3iR01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.31	4.67E-01	4.60E+00	—	pCi/L	U	U	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.517	3.67E-01	3.40E+00	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.56	5.60E-01	5.90E+00	—	pCi/L	U	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.996	5.73E-01	5.84E+00	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	0.681	5.67E-01	5.70E+00	—	pCi/L	U	U	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0553	4.00E-01	3.90E+00	—	pCi/L	U	U	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.31	4.00E-01	4.80E+00	—	pCi/L	U	U	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.83	4.00E-01	3.90E+00	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.67	4.70E-01	5.11E+00	—	pCi/L	U	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.586	6.40E-01	5.67E+00	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Rad	EPA:900	Gross alpha/beta	<	4.56	5.67E-01	4.50E+00	—	pCi/L	—	U	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	5.4	5.33E-01	3.20E+00	—	pCi/L	—	—	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.76	3.03E-01	1.77E+00	—	pCi/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	6.83	3.50E-01	2.81E+00	—	pCi/L	—	J	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	7.55	3.53E-01	2.77E+00	—	pCi/L	—	J	179102	GF061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.26	1.84E-01	1.34E+00	—	pCi/L	—	—	169145	GF060700G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Rad	EPA:900	Gross beta	—	7.31	4.67E-01	3.20E+00	—	pCi/L	—	—	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.85	4.67E-01	3.40E+00	—	pCi/L	—	—	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.31	2.86E-01	2.03E+00	—	pCi/L	—	J	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	9.9	3.87E-01	2.84E+00	—	pCi/L	—	—	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	01/11/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.14	3.57E-01	3.02E+00	—	pCi/L	—	J	179102	GU061000G3iR01	GELC
R-3i	7701	215.2	08/10/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.77	1.53E-01	1.11E+00	—	pCi/L	—	—	169145	GU060700G3iR01	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	20.7	4.00E+00	3.80E+01	—	pCi/L	U	U	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	135	2.20E+01	3.30E+02	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	136	2.26E+01	3.56E+02	—	pCi/L	U	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	170	4.27E+01	3.32E+02	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	260	4.67E+01	1.60E+02	—	pCi/L	—	U	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	204	1.60E+01	1.20E+02	—	pCi/L	—	—	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	23	7.00E+00	1.60E+01	—	pCi/L	—	U	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	137	2.33E+01	3.20E+02	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	123	2.87E+01	2.76E+02	—	pCi/L	U	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	188	3.32E+01	4.87E+02	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.3	3.67E+00	3.40E+01	—	pCi/L	U	U	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.747	2.50E+00	2.30E+01	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-15.2	4.93E+00	4.28E+01	—	pCi/L	U	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	27.2	4.23E+00	3.64E+01	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	11.1	4.67E+00	4.50E+01	—	pCi/L	U	U	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	22	4.33E+00	4.00E+01	—	pCi/L	U	U	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.11	3.33E+00	3.00E+01	—	pCi/L	U	U	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.53	3.67E+00	2.90E+01	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	57.3	7.30E+00	3.33E+01	—	pCi/L	U	R	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12.5	4.17E+00	3.82E+01	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00967	2.40E-03	4.90E-02	—	pCi/L	U	U	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00598	3.20E-03	3.70E-02	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0036	2.40E-03	2.52E-02	—	pCi/L	U	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00384	2.22E-03	1.97E-02	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.00437	1.27E-03	3.50E-02	—	pCi/L	U	U	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0102	1.67E-03	3.30E-02	—	pCi/L	U	U	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0013	2.23E-03	4.50E-02	—	pCi/L	U	U	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00659	2.63E-03	4.00E-02	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00405	3.16E-03	2.83E-02	—	pCi/L	U	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00585	2.35E-03	2.00E-02	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0225	2.87E-03	5.50E-02	—	pCi/L	U	U	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-9.49E-10	1.87E-03	4.30E-02	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0108	1.90E-03	2.79E-02	—	pCi/L	U	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00575	1.43E-03	2.84E-02	—	pCi/L	U	U	183956	GF070400G3iR01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	-0.00218	1.27E-03	4.30E-02	—	pCi/L	U	U	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00204	1.53E-03	4.00E-02	—	pCi/L	U	U	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	2.00E-03	5.20E-02	—	pCi/L	U	U	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0022	2.83E-03	4.70E-02	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00202	1.78E-03	3.14E-02	—	pCi/L	U	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00195	1.13E-03	2.89E-02	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	46.8	7.00E+00	3.90E+01	—	pCi/L	UI	R	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	0.709	5.33E+00	5.10E+01	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	39.8	5.57E+00	3.93E+01	—	pCi/L	UI	R	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	32.8	9.83E+00	4.45E+01	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	-4.08	6.67E+00	6.50E+01	—	pCi/L	U	U	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.72	5.33E+00	5.50E+01	—	pCi/L	U	U	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	1.07	5.00E+00	5.50E+01	—	pCi/L	U	U	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14.1	5.33E+00	3.80E+01	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-16	6.47E+00	6.25E+01	—	pCi/L	U	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	5.21	6.90E+00	5.08E+01	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.315	6.00E-02	5.70E-01	—	pCi/L	U	U	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.34	6.33E-02	6.10E-01	—	pCi/L	U	U	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.2	9.67E-02	5.50E-01	—	pCi/L	—	—	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.276	9.00E-02	9.20E-01	—	pCi/L	U	U	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.592	6.67E-02	5.40E-01	—	pCi/L	—	U	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.03	8.33E-02	5.80E-01	—	pCi/L	—	—	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.484	3.67E-01	3.70E+00	—	pCi/L	U	U	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.101	3.33E-01	3.40E+00	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.04	4.80E-01	2.49E+00	—	pCi/L	U	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.35	3.97E-01	4.68E+00	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	-1.6	5.00E-01	4.50E+00	—	pCi/L	U	U	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-4.59	5.00E-01	3.70E+00	—	pCi/L	U	U	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.42	4.33E-01	4.50E+00	—	pCi/L	U	U	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.5	3.67E-01	3.90E+00	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.03	4.30E-01	4.47E+00	—	pCi/L	U	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.25	5.57E-01	4.96E+00	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0239	1.07E-02	1.10E-01	—	pCi/L	U	U	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0205	3.00E-02	3.50E-01	—	pCi/L	U	U	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.122	4.27E-02	4.91E-01	—	pCi/L	U	U	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.14	2.46E-02	2.94E-01	—	pCi/L	U	U	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.162	4.33E-02	4.30E-01	—	pCi/L	U	U	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.117	4.33E-02	4.60E-01	—	pCi/L	U	U	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0263	1.90E-02	1.90E-01	—	pCi/L	U	U	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0184	3.33E-02	3.80E-01	—	pCi/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0145	3.40E-02	3.45E-01	—	pCi/L	U	U	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0236	4.17E-02	4.78E-01	—	pCi/L	U	U	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	4.43	9.00E-02	7.20E-02	—	pCi/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	4.4	9.33E-02	8.90E-02	—	pCi/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	4.07	8.83E-02	3.95E-02	—	pCi/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	4.55	9.50E-02	5.41E-02	—	pCi/L	—	—	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	4.31	1.20E-01	1.70E-01	—	pCi/L	—	—	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	4.62	1.27E-01	1.70E-01	—	pCi/L	—	—	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	4.38	9.67E-02	1.00E-01	—	pCi/L	—	—	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	4.2	8.67E-02	7.90E-02	—	pCi/L	—	—	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	4.33	9.80E-02	4.90E-02	—	pCi/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	4.43	9.23E-02	6.34E-02	—	pCi/L	—	—	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.135	7.00E-03	3.90E-02	—	pCi/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.148	8.00E-03	4.40E-02	—	pCi/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.147	8.50E-03	5.29E-02	—	pCi/L	—	J	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.23	9.23E-03	3.44E-02	—	pCi/L	—	—	183956	GF070400G3iR01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	—	0.206	1.33E-02	8.70E-02	—	pCi/L	—	—	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.137	1.03E-02	8.20E-02	—	pCi/L	—	—	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.139	8.67E-03	5.40E-02	—	pCi/L	—	—	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.123	6.67E-03	3.90E-02	—	pCi/L	—	—	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.178	9.87E-03	6.55E-02	—	pCi/L	—	J	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.212	9.57E-03	4.03E-02	—	pCi/L	—	—	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	09/03/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	2.87	6.00E-02	3.80E-02	—	pCi/L	—	—	08-1836	CAPU-08-14783	GELC
R-3i	7701	215.2	01/16/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	2.93	6.33E-02	5.20E-02	—	pCi/L	—	—	08-522	CAPU-08-10314	GELC
R-3i	7701	215.2	07/20/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	2.71	6.13E-02	5.26E-02	—	pCi/L	—	—	190068	GF070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	2.96	6.33E-02	4.12E-02	—	pCi/L	—	—	183956	GF070400G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	3.04	8.67E-02	8.70E-02	—	pCi/L	—	—	09-2716	CAPU-09-11235	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	3	8.67E-02	8.30E-02	—	pCi/L	—	—	09-2716	CAPU-09-11231	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	2.91	6.67E-02	5.30E-02	—	pCi/L	—	—	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	2.67	5.67E-02	4.60E-02	—	pCi/L	—	—	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/20/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	2.73	6.47E-02	6.52E-02	—	pCi/L	—	—	190068	GU070700G3iR01	GELC
R-3i	7701	215.2	04/09/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	3.02	6.50E-02	4.83E-02	—	pCi/L	—	—	183956	GU070400G3iR01	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FB	Voa	SW-846:8260B	Chloroform	—	1.99	—	—	2.50E-01	ug/L	—	—	09-2715	CAPU-09-11237	GELC
R-3i	7701	215.2	01/20/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	U	09-683	CAPU-09-1784	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	U	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	U	08-522	CAPU-08-10315	GELC
R-3i	7701	215.2	07/22/09	WG	UF	CS	FB	Voa	SW-846:8260B	Chloromethane	—	0.441	—	—	3.00E-01	ug/L	J	J	09-2715	CAPU-09-11237	GELC
R-3i	7701	215.2	01/20/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3.00E-01	ug/L	U	U	09-683	CAPU-09-1784	GELC
R-3i	7701	215.2	09/03/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1836	CAPU-08-14785	GELC
R-3i	7701	215.2	01/16/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-522	CAPU-08-10315	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.5	—	—	7.30E-01	mg/L	—	—	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	65.1	—	—	7.30E-01	mg/L	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	01/22/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.8	—	—	7.30E-01	mg/L	—	—	09-714	CAPU-09-1799	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.4	—	—	7.30E-01	mg/L	—	—	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.9	—	—	7.30E-01	mg/L	—	—	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.8	—	—	7.25E-01	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.048	—	—	1.60E-02	mg/L	J	J-	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	01/22/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	09-714	CAPU-09-1799	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.25	—	—	1.50E-01	mg/L	U	U	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	17.8	—	—	5.00E-02	mg/L	—	—	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	5.00E-02	mg/L	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.4	—	—	3.00E-02	mg/L	—	—	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.7	—	—	3.00E-02	mg/L	—	—	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.6	—	—	3.00E-02	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	17.4	—	—	5.00E-02	mg/L	—	—	09-2673	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.9	—	—	5.00E-02	mg/L	—	—	09-2673	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.7	—	—	3.00E-02	mg/L	—	—	08-1777	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.6	—	—	3.00E-02	mg/L	—	—	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.6	—	—	3.00E-02	mg/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	5.66	—	—	6.60E-02	mg/L	—	—	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.63	—	—	6.60E-02	mg/L	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	01/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.29	—	—	6.60E-02	mg/L	—	—	09-714	CAPU-09-1799	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.49	—	—	6.60E-02	mg/L	—	—	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.35	—	—	6.60E-02	mg/L	—	—	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.15	—	—	6.60E-02	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.751	—	—	3.30E-02	mg/L	—	—	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.769	—	—	3.30E-02	mg/L	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	01/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.685	—	—	3.30E-02	mg/L	—	J-	09-714	CAPU-09-1799	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.771	—	—	3.30E-02	mg/L	—	—	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.721	—	—	3.30E-02	mg/L	—	—	08-562	CAPU-08-9890	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.701	—	—	3.30E-02	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	58.8	—	—	3.50E-01	mg/L	—	—	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	56.3	—	—	3.50E-01	mg/L	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58.6	—	—	3.50E-01	mg/L	—	—	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58.1	—	—	4.30E-01	mg/L	—	—	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54.6	—	—	4.25E-01	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	57.6	—	—	3.50E-01	mg/L	—	—	09-2673	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	55.9	—	—	3.50E-01	mg/L	—	—	09-2673	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	55.8	—	—	3.50E-01	mg/L	—	—	08-1777	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	57.7	—	—	4.30E-01	mg/L	—	—	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.5	—	—	4.25E-01	mg/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.5	—	—	8.50E-02	mg/L	—	—	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.39	—	—	8.50E-02	mg/L	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.7	—	—	8.50E-02	mg/L	—	—	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.39	—	—	8.50E-02	mg/L	—	—	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.22	—	—	8.50E-02	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.42	—	—	8.50E-02	mg/L	—	—	09-2673	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.35	—	—	8.50E-02	mg/L	—	—	09-2673	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.41	—	—	8.50E-02	mg/L	—	—	08-1777	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.34	—	—	8.50E-02	mg/L	—	—	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.2	—	—	8.50E-02	mg/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.08	—	—	1.00E-01	mg/L	—	—	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.18	—	—	1.00E-01	mg/L	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	01/22/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.64	—	—	5.00E-02	mg/L	—	J-	09-714	CAPU-09-1799	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.05	—	—	5.00E-02	mg/L	—	—	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.04	—	—	5.00E-02	mg/L	—	J-	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.76	—	—	5.00E-02	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	4.45	—	—	5.00E-01	ug/L	—	—	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	4.57	—	—	5.00E-01	ug/L	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	01/22/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	4.26	—	—	5.00E-01	ug/L	—	—	09-714	CAPU-09-1799	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	4.49	—	—	5.00E-01	ug/L	—	—	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	4.92	—	—	5.00E-01	ug/L	—	—	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	4.31	—	—	2.50E-01	ug/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	—	4	—	—	4.00E+00	ug/L	J	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.58	—	—	5.00E-02	mg/L	—	—	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.46	—	—	5.00E-02	mg/L	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.57	—	—	5.00E-02	mg/L	—	—	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.6	—	—	5.00E-02	mg/L	—	—	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.32	—	—	5.00E-02	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.56	—	—	5.00E-02	mg/L	—	—	09-2673	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.45	—	—	5.00E-02	mg/L	—	—	09-2673	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.46	—	—	5.00E-02	mg/L	—	—	08-1777	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.58	—	—	5.00E-02	mg/L	—	—	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.31	—	—	5.00E-02	mg/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	71.1	—	—	3.20E-02	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	1.00E-01	mg/L	—	—	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	1.00E-01	mg/L	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	4.50E-02	mg/L	—	—	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	4.50E-02	mg/L	—	—	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	4.50E-02	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	1.00E-01	mg/L	—	—	09-2673	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	1.00E-01	mg/L	—	—	09-2673	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	4.50E-02	mg/L	—	—	08-1777	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	4.50E-02	mg/L	—	—	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	4.50E-02	mg/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	166	—	—	1.00E+00	uS/cm	—	—	09-2673	CAPU-09-11267	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-4	1721	792.9	07/16/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	166	—	—	1.00E+00	uS/cm	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	01/22/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	174	—	—	1.00E+00	uS/cm	—	—	09-714	CAPU-09-1799	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	175	—	—	1.00E+00	uS/cm	—	—	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	166	—	—	1.00E+00	uS/cm	—	—	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	181	—	—	1.00E+00	uS/cm	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	4.6	—	—	1.00E-01	mg/L	—	—	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.62	—	—	1.00E-01	mg/L	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	01/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.32	—	—	1.00E-01	mg/L	—	—	09-714	CAPU-09-1799	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.58	—	—	1.00E-01	mg/L	—	—	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.62	—	—	1.00E-01	mg/L	—	—	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.27	—	—	1.00E-01	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	172	—	—	2.40E+00	mg/L	—	—	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	164	—	—	2.40E+00	mg/L	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	01/22/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	159	—	—	2.40E+00	mg/L	—	—	09-714	CAPU-09-1799	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	166	—	—	2.40E+00	mg/L	—	—	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	154	—	—	2.40E+00	mg/L	—	—	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	177	—	—	2.38E+00	mg/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.067	—	—	3.30E-02	mg/L	J	J	09-2673	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.122	—	—	3.30E-02	mg/L	—	—	09-2673	CAPU-09-11263	GELC
R-4	1721	792.9	01/22/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	U	09-714	CAPU-09-1800	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	UJ	08-1776	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.5	—	—	1.50E-01	mg/L	U	U	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	0.499	—	—	3.30E-01	mg/L	J	J	09-2673	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.392	—	—	3.30E-01	mg/L	J	J	09-2673	CAPU-09-11263	GELC
R-4	1721	792.9	01/22/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.804	—	—	3.30E-01	mg/L	J	J	09-714	CAPU-09-1800	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	08-1776	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.52	—	—	3.30E-01	mg/L	J	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	8.01	—	—	1.00E-02	SU	H	J-	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	1.00E-02	SU	H	J-	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	01/22/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.14	—	—	1.00E-02	SU	H	J-	09-714	CAPU-09-1799	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J-	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J-	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.94	—	—	1.00E-02	SU	H	J	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	35.6	—	—	1.00E+00	ug/L	—	—	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	33.2	—	—	1.00E+00	ug/L	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	34.2	—	—	1.00E+00	ug/L	—	—	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	33.5	—	—	1.00E+00	ug/L	—	—	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	35.3	—	—	1.00E+00	ug/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	34.6	—	—	1.00E+00	ug/L	—	—	09-2673	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	33.5	—	—	1.00E+00	ug/L	—	—	09-2673	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.6	—	—	1.00E+00	ug/L	—	—	08-1777	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.8	—	—	1.00E+00	ug/L	—	—	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	35.2	—	—	1.00E+00	ug/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	27.5	—	—	1.50E+01	ug/L	J	J	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	27.4	—	—	1.50E+01	ug/L	J	J	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.7	—	—	1.00E+01	ug/L	J	J	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	27.9	—	—	1.00E+01	ug/L	J	U	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	27	—	—	1.00E+01	ug/L	J	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	27.2	—	—	1.50E+01	ug/L	J	J	09-2673	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	27.9	—	—	1.50E+01	ug/L	J	J	09-2673	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.5	—	—	1.00E+01	ug/L	J	J	08-1777	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	28.3	—	—	1.00E+01	ug/L	J	U	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	24.4	—	—	1.00E+01	ug/L	J	—	190028	GU070700G04R01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	4.96	—	—	2.50E+00	ug/L	J	J	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	6.53	—	—	2.50E+00	ug/L	J	J	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.2	—	—	1.50E+00	ug/L	—	—	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	2.50E+00	ug/L	J	J	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	5	—	—	1.00E+00	ug/L	—	U	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	5.45	—	—	2.50E+00	ug/L	J	J	09-2673	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	8.05	—	—	2.50E+00	ug/L	J	J	09-2673	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.2	—	—	1.50E+00	ug/L	—	—	08-1777	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.5	—	—	2.50E+00	ug/L	J	J	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	4.9	—	—	1.00E+00	ug/L	—	U	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.9	—	—	1.00E-01	ug/L	—	—	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.98	—	—	1.00E-01	ug/L	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.7	—	—	1.00E-01	ug/L	—	J	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.4	—	—	2.00E+00	ug/L	J	J	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.98	—	—	1.00E-01	ug/L	—	—	09-2673	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.97	—	—	1.00E-01	ug/L	—	—	09-2673	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.8	—	—	1.00E-01	ug/L	—	J	08-1777	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.3	—	—	2.00E+00	ug/L	J	J	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.5	—	—	2.00E+00	ug/L	J	U	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	1.49	—	—	5.00E-01	ug/L	J	J	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	5.00E-01	ug/L	J	J	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.9	—	—	5.00E-01	ug/L	J	J	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.4	—	—	5.00E-01	ug/L	—	—	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.1	—	—	5.00E-01	ug/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	1.57	—	—	5.00E-01	ug/L	J	J	09-2673	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.64	—	—	5.00E-01	ug/L	J	J	09-2673	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.9	—	—	5.00E-01	ug/L	J	J	08-1777	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.3	—	—	5.00E-01	ug/L	—	—	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.1	—	—	5.00E-01	ug/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	78	—	—	5.30E-02	mg/L	—	—	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.9	—	—	5.30E-02	mg/L	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	01/22/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74.2	—	—	3.20E-02	mg/L	—	—	09-714	CAPU-09-1799	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.6	—	—	3.20E-02	mg/L	—	—	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.3	—	—	3.20E-02	mg/L	—	—	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	77.8	—	—	1.00E+00	ug/L	—	—	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	75	—	—	1.00E+00	ug/L	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	77.7	—	—	1.00E+00	ug/L	—	—	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	81.5	—	—	1.00E+00	ug/L	—	—	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	78.3	—	—	1.00E+00	ug/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	78.9	—	—	1.00E+00	ug/L	—	—	09-2673	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	74.5	—	—	1.00E+00	ug/L	—	—	09-2673	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	74.8	—	—	1.00E+00	ug/L	—	—	08-1777	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	81.3	—	—	1.00E+00	ug/L	—	—	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	78.6	—	—	1.00E+00	ug/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.319	—	—	3.00E-01	ug/L	J	J	09-2673	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1777	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.596	—	—	5.00E-02	ug/L	—	—	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.668	—	—	5.00E-02	ug/L	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.73	—	—	5.00E-02	ug/L	—	—	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.72	—	—	5.00E-02	ug/L	—	—	08-562	CAPU-08-9890	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-4	1721	792.9	07/18/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.64	—	—	5.00E-02	ug/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.626	—	—	5.00E-02	ug/L	—	—	09-2673	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.718	—	—	5.00E-02	ug/L	—	—	09-2673	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.74	—	—	5.00E-02	ug/L	—	—	08-1777	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.71	—	—	5.00E-02	ug/L	—	—	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.62	—	—	5.00E-02	ug/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	8.41	—	—	1.00E+00	ug/L	—	—	09-2673	CAPU-09-11267	GELC
R-4	1721	792.9	07/16/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.08	—	—	1.00E+00	ug/L	—	—	09-2673	CAPU-09-11264	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	9.1	—	—	1.00E+00	ug/L	—	U	08-1777	CAPU-08-14799	GELC
R-4	1721	792.9	01/22/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8	—	—	1.00E+00	ug/L	—	—	08-562	CAPU-08-9890	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.2	—	—	1.00E+00	ug/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	8.1	—	—	1.00E+00	ug/L	—	—	09-2673	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.04	—	—	1.00E+00	ug/L	—	—	09-2673	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	9.6	—	—	1.00E+00	ug/L	—	U	08-1777	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.1	—	—	1.00E+00	ug/L	—	—	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.8	—	—	1.00E+00	ug/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00695	2.13E-03	4.30E-02	—	pCi/L	U	U	08-1778	CAPU-08-14799	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00267	2.22E-03	3.62E-02	—	pCi/L	U	U	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00714	3.50E-03	2.35E-02	—	pCi/L	U	U	167995	GF060700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	-0.0161	6.00E-03	4.60E-02	—	pCi/L	U	U	09-2672	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0245	4.67E-03	4.10E-02	—	pCi/L	U	U	09-2672	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0034	1.87E-03	3.60E-02	—	pCi/L	U	U	08-1778	CAPU-08-14796	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0175	3.22E-03	3.35E-02	—	pCi/L	U	U	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00514	1.32E-03	2.57E-02	—	pCi/L	U	U	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00329	9.10E-04	3.48E-02	—	pCi/L	U	U	157226	GU06020G04R01	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.15	4.00E-01	3.80E+00	—	pCi/L	U	U	08-1778	CAPU-08-14799	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.46	4.40E-01	3.63E+00	—	pCi/L	U	U	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.536	3.40E-01	3.76E+00	—	pCi/L	U	U	167995	GF060700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	0.747	5.00E-01	5.10E+00	—	pCi/L	U	U	09-2672	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0243	4.67E-01	4.50E+00	—	pCi/L	U	U	09-2672	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.365	6.33E-01	4.10E+00	—	pCi/L	U	U	08-1778	CAPU-08-14796	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.578	2.75E-01	2.78E+00	—	pCi/L	U	U	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.15	3.14E-01	3.42E+00	—	pCi/L	U	U	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.337	3.32E-01	3.69E+00	—	pCi/L	U	U	157226	GU06020G04R01	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.506	4.67E-01	4.50E+00	—	pCi/L	U	U	08-1778	CAPU-08-14799	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.232	2.98E-01	3.03E+00	—	pCi/L	U	U	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.58	3.57E-01	4.32E+00	—	pCi/L	U	U	167995	GF060700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	0.578	5.33E-01	5.30E+00	—	pCi/L	U	U	09-2672	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.14	5.00E-01	4.10E+00	—	pCi/L	U	U	09-2672	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.591	2.90E-01	2.60E+00	—	pCi/L	U	U	08-1778	CAPU-08-14796	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.134	3.43E-01	2.86E+00	—	pCi/L	U	U	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.238	3.14E-01	3.23E+00	—	pCi/L	U	U	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.46	4.73E-01	4.14E+00	—	pCi/L	U	U	157226	GU06020G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Rad	EPA:900	Gross alpha/beta	<	0.33	1.47E-01	1.60E+00	—	pCi/L	U	U	09-2672	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.46	2.00E-01	1.80E+00	—	pCi/L	U	U	09-2672	CAPU-09-11263	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.91	4.33E-01	3.52E+00	—	pCi/L	—	J	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.39	2.70E-01	2.82E+00	—	pCi/L	—	J	167995	GF060700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Rad	EPA:900	Gross beta	<	0.969	1.87E-01	1.80E+00	—	pCi/L	U	U	09-2672	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.47	2.07E-01	1.80E+00	—	pCi/L	—	—	09-2672	CAPU-09-11263	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.42	3.02E-01	2.81E+00	—	pCi/L	U	U	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.83	2.48E-01	2.48E+00	—	pCi/L	—	J	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.93	2.50E-01	2.91E+00	—	pCi/L	U	U	157226	GU06020G04R01	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	11.2	4.00E+00	2.70E+01	—	pCi/L	U	U	08-1778	CAPU-08-14799	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	81.9	1.96E+01	2.99E+02	—	pCi/L	U	U	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	1820	4.83E+02	2.25E+03	—	pCi/L	U	U	167995	GF060700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	98.4	1.47E+01	1.00E+02	—	pCi/L	U	U	09-2672	CAPU-09-11266	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	85	8.33E+00	8.70E+01	—	pCi/L	U	U	09-2672	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	24.4	8.67E+00	5.30E+01	—	pCi/L	U	U	08-1778	CAPU-08-14796	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	83.7	1.79E+01	2.04E+02	—	pCi/L	U	U	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	112	3.11E+01	3.40E+02	—	pCi/L	U	U	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	81.9	3.87E+01	3.27E+02	—	pCi/L	U	U	157226	GU06020G04R01	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.2	3.67E+00	3.10E+01	—	pCi/L	U	U	08-1778	CAPU-08-14799	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-19.4	3.93E+00	3.39E+01	—	pCi/L	U	U	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.81	2.45E+00	2.45E+01	—	pCi/L	U	U	167995	GF060700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	18.2	4.00E+00	3.90E+01	—	pCi/L	U	U	09-2672	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.238	3.33E+00	3.30E+01	—	pCi/L	U	U	09-2672	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-15.3	3.67E+00	3.10E+01	—	pCi/L	U	U	08-1778	CAPU-08-14796	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.6	2.77E+00	2.47E+01	—	pCi/L	U	U	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-10.1	2.54E+00	2.62E+01	—	pCi/L	U	U	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.4	2.87E+00	2.87E+01	—	pCi/L	U	U	157226	GU06020G04R01	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00156	5.33E-04	2.20E-02	—	pCi/L	U	U	08-1778	CAPU-08-14799	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00449	2.37E-03	3.14E-02	—	pCi/L	U	U	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0157	4.43E-03	2.15E-02	—	pCi/L	U	U	167995	GF060700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.00223	3.07E-03	3.60E-02	—	pCi/L	U	U	09-2672	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-5.43E-10	1.53E-03	3.60E-02	—	pCi/L	U	U	09-2672	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00497	1.23E-03	2.30E-02	—	pCi/L	U	U	08-1778	CAPU-08-14796	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00716	2.39E-03	3.34E-02	—	pCi/L	U	U	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00949	2.74E-03	2.28E-02	—	pCi/L	U	U	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00862	4.07E-03	2.59E-02	—	pCi/L	U	U	157226	GU06020G04R01	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00311	1.47E-03	2.70E-02	—	pCi/L	U	U	08-1778	CAPU-08-14799	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00673	2.48E-03	3.48E-02	—	pCi/L	U	U	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0224	4.10E-03	2.51E-02	—	pCi/L	U	U	167995	GF060700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	-0.00223	1.97E-03	4.40E-02	—	pCi/L	U	U	09-2672	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0114	1.87E-03	4.50E-02	—	pCi/L	U	U	09-2672	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00662	1.10E-03	2.80E-02	—	pCi/L	U	U	08-1778	CAPU-08-14796	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00477	1.95E-03	3.70E-02	—	pCi/L	U	U	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00712	3.97E-03	2.66E-02	—	pCi/L	U	U	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00862	3.37E-03	2.84E-02	—	pCi/L	U	U	157226	GU06020G04R01	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-42.8	5.67E+00	4.40E+01	—	pCi/L	U	U	08-1778	CAPU-08-14799	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.2	5.10E+00	5.03E+01	—	pCi/L	U	U	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	33.5	5.50E+00	2.78E+01	—	pCi/L	UI	R	167995	GF060700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	9.87	6.00E+00	6.40E+01	—	pCi/L	U	U	09-2672	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	18.7	5.33E+00	4.80E+01	—	pCi/L	U	U	09-2672	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	37.9	5.33E+00	6.00E+01	—	pCi/L	U	U	08-1778	CAPU-08-14796	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.22	3.43E+00	3.34E+01	—	pCi/L	U	U	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	17.2	5.70E+00	3.35E+01	—	pCi/L	U	U	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0.932	7.43E+00	4.27E+01	—	pCi/L	U	U	157226	GU06020G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.119	3.33E-02	3.40E-01	—	pCi/L	U	U	09-2672	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.155	4.00E-02	4.20E-01	—	pCi/L	U	U	08-1778	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.652	5.00E-02	2.30E-01	—	pCi/L	—	—	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	11/14/05	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	7.57	4.23E-01	4.81E+00	—	pCi/L	UI	R	150271	GU05110G04R01	GELC
R-4	1721	792.9	08/08/05	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	0.471	7.93E-01	8.38E+00	—	pCi/L	U	U	142822	GU05080G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.18	9.33E-02	6.10E-01	—	pCi/L	—	—	09-2672	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.229	6.00E-02	6.20E-01	—	pCi/L	U	U	08-1778	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.77	7.00E-02	4.80E-01	—	pCi/L	—	—	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	10/10/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	6.02	7.67E-01	8.90E+00	—	pCi/L	U	U	1935S	GW04-03-52303	GEL
R-4	1721	792.9	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.33	5.00E-01	4.80E+00	—	pCi/L	U	U	08-1778	CAPU-08-14799	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.973	4.43E-01	3.96E+00	—	pCi/L	U	U	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.45	3.53E-01	3.54E+00	—	pCi/L	U	U	167995	GF060700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	0.662	5.00E-01	5.10E+00	—	pCi/L	U	U	09-2672	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.58	4.00E-01	4.40E+00	—	pCi/L	U	U	09-2672	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.657	4.00E-01	3.80E+00	—	pCi/L	U	U	08-1778	CAPU-08-14796	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.708	2.98E-01	2.84E+00	—	pCi/L	U	U	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.534	3.27E-01	3.82E+00	—	pCi/L	U	U	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.305	3.63E-01	4.19E+00	—	pCi/L	U	U	157226	GU06020G04R01	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0978	2.13E-02	2.10E-01	—	pCi/L	U	U	08-1778	CAPU-08-14799	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0147	4.47E-02	4.72E-01	—	pCi/L	U	U	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0592	2.90E-02	4.49E-01	—	pCi/L	U	U	167995	GF060700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	-0.285	4.00E-02	4.30E-01	—	pCi/L	U	U	09-2672	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.28	3.23E-02	3.00E-01	—	pCi/L	U	U	09-2672	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.166	2.37E-02	3.30E-01	—	pCi/L	U	U	08-1778	CAPU-08-14796	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.193	3.32E-02	3.87E-01	—	pCi/L	U	U	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.299	3.80E-02	4.32E-01	—	pCi/L	U	U	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0812	3.20E-02	4.55E-01	—	pCi/L	U	U	157226	GU06020G04R01	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.454	1.33E-02	6.80E-02	—	pCi/L	—	—	08-1778	CAPU-08-14799	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.558	1.62E-02	3.12E-02	—	pCi/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.497	1.59E-02	6.00E-02	—	pCi/L	—	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.466	2.10E-02	1.90E-01	—	pCi/L	—	—	09-2672	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.375	1.73E-02	1.60E-01	—	pCi/L	—	—	09-2672	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.496	1.37E-02	5.90E-02	—	pCi/L	—	—	08-1778	CAPU-08-14796	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.543	1.55E-02	2.99E-02	—	pCi/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.515	1.69E-02	5.80E-02	—	pCi/L	—	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.634	2.14E-02	1.12E-01	—	pCi/L	—	—	157226	GU06020G04R01	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.039	3.67E-03	3.60E-02	—	pCi/L	—	—	08-1778	CAPU-08-14799	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00552	2.91E-03	2.63E-02	—	pCi/L	U	U	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0213	4.43E-03	5.06E-02	—	pCi/L	U	U	167995	GF060700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.00687	2.30E-03	9.30E-02	—	pCi/L	U	U	09-2672	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00588	3.13E-03	8.00E-02	—	pCi/L	U	U	09-2672	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.036	3.17E-03	3.10E-02	—	pCi/L	—	—	08-1778	CAPU-08-14796	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0159	2.51E-03	2.52E-02	—	pCi/L	U	U	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0378	5.77E-03	4.90E-02	—	pCi/L	U	U	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0346	4.63E-03	5.41E-02	—	pCi/L	U	U	157226	GU06020G04R01	GELC
R-4	1721	792.9	08/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.225	8.33E-03	3.60E-02	—	pCi/L	—	—	08-1778	CAPU-08-14799	GELC
R-4	1721	792.9	07/18/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.219	8.60E-03	4.20E-02	—	pCi/L	—	—	190028	GF070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.241	1.03E-02	6.38E-02	—	pCi/L	—	—	167995	GF060700G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.336	1.70E-02	9.30E-02	—	pCi/L	—	—	09-2672	CAPU-09-11266	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.13	9.00E-03	8.00E-02	—	pCi/L	—	—	09-2672	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.204	7.33E-03	3.10E-02	—	pCi/L	—	—	08-1778	CAPU-08-14796	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.227	8.63E-03	4.03E-02	—	pCi/L	—	—	190028	GU070700G04R01	GELC
R-4	1721	792.9	07/25/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.203	1.01E-02	6.17E-02	—	pCi/L	—	—	167995	GU060700G04R01	GELC
R-4	1721	792.9	02/28/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.329	1.38E-02	6.26E-02	—	pCi/L	—	—	157226	GU06020G04R01	GELC
R-4	1721	792.9	07/16/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.345	—	—	3.00E-01	ug/L	J	J	09-2671	CAPU-09-11263	GELC
R-4	1721	792.9	08/26/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1776	CAPU-08-14796	GELC
R-4	1721	792.9	01/22/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	UJ	08-562	CAPU-08-9891	GELC
R-4	1721	792.9	07/18/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	190028	GU070700G04R01	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.125	—	—	6.60E-02	mg/L	J	J	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	01/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.092	—	—	6.70E-02	mg/L	J	J	09-637	CAPU-09-1780	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.088	—	—	6.70E-02	mg/L	J	J	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	29.8	—	—	5.00E-02	mg/L	—	—	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	30	—	—	3.00E-02	mg/L	—	—	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.9	—	—	3.00E-02	mg/L	—	—	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	30.8	—	—	3.60E-02	mg/L	—	—	184483	GF07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	30.5	—	—	3.60E-02	mg/L	—	—	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	30.5	—	—	5.00E-02	mg/L	—	—	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	29.7	—	—	3.00E-02	mg/L	—	—	08-1777	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	30	—	—	3.00E-02	mg/L	—	—	189841	GU07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	28.6	—	—	3.60E-02	mg/L	—	—	184483	GU07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	31.1	—	—	3.60E-02	mg/L	—	—	167998	GU06070G05R201	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-5	2452	383.9	07/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.24	—	—	6.60E-02	mg/L	—	—	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	01/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.94	—	—	6.60E-02	mg/L	—	—	09-637	CAPU-09-1780	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.81	—	—	6.60E-02	mg/L	—	—	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	1.1	—	—	3.30E-02	mg/L	—	—	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	01/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	1.05	—	—	3.30E-02	mg/L	—	—	09-637	CAPU-09-1780	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	1.1	—	—	3.30E-02	mg/L	—	—	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	86	—	—	3.50E-01	mg/L	—	—	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	87.9	—	—	3.50E-01	mg/L	—	—	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80.7	—	—	4.25E-01	mg/L	—	—	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	89	—	—	4.40E-01	mg/L	—	—	184483	GF07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	88.1	—	—	8.50E-02	mg/L	—	—	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	87.8	—	—	3.50E-01	mg/L	—	—	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	87.2	—	—	3.50E-01	mg/L	—	—	08-1777	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	86.9	—	—	4.25E-01	mg/L	—	—	189841	GU07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.6	—	—	4.40E-01	mg/L	—	—	184483	GU07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	89.6	—	—	8.50E-02	mg/L	—	—	167998	GU06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.85	—	—	8.50E-02	mg/L	—	—	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.14	—	—	8.50E-02	mg/L	—	—	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.67	—	—	8.50E-02	mg/L	—	—	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.91	—	—	8.50E-02	mg/L	—	—	184483	GF07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	8.50E-02	mg/L	—	—	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	8.50E-02	mg/L	—	—	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.15	—	—	8.50E-02	mg/L	—	—	08-1777	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	8.50E-02	mg/L	—	—	189841	GU07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.72	—	—	8.50E-02	mg/L	—	—	184483	GU07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.92	—	—	8.50E-02	mg/L	—	—	167998	GU06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	3.01	—	—	1.00E-01	mg/L	—	—	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	01/14/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.6	—	—	1.00E-01	mg/L	—	—	09-637	CAPU-09-1780	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.78	—	—	5.00E-02	mg/L	—	—	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	1.45	—	—	1.00E-01	ug/L	—	—	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	01/14/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	1.24	—	—	1.00E-01	ug/L	—	—	09-637	CAPU-09-1780	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	1.27	—	—	1.00E-01	ug/L	—	J	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.04	—	—	5.00E-02	mg/L	—	—	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.26	—	—	5.00E-02	mg/L	—	—	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.86	—	—	5.00E-02	mg/L	—	—	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.17	—	—	5.00E-02	mg/L	—	—	184483	GF07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.09	—	—	5.00E-02	mg/L	—	—	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.15	—	—	5.00E-02	mg/L	—	—	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.2	—	—	5.00E-02	mg/L	—	—	08-1777	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.16	—	—	5.00E-02	mg/L	—	—	189841	GU07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.99	—	—	5.00E-02	mg/L	—	—	184483	GU07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.17	—	—	5.00E-02	mg/L	—	—	167998	GU06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.2	—	—	1.00E-01	mg/L	—	J	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	4.50E-02	mg/L	—	—	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	4.50E-02	mg/L	—	—	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.6	—	—	4.50E-02	mg/L	—	—	184483	GF07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	4.50E-02	mg/L	—	—	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.9	—	—	1.00E-01	mg/L	—	J	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	4.50E-02	mg/L	—	—	08-1777	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	4.50E-02	mg/L	—	—	189841	GU07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.5	—	—	4.50E-02	mg/L	—	—	184483	GU07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.9	—	—	4.50E-02	mg/L	—	—	167998	GU06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	336	—	—	1.00E+00	uS/cm	—	—	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	01/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	251	—	—	1.00E+00	uS/cm	—	—	09-637	CAPU-09-1780	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	257	—	—	1.00E+00	uS/cm	—	—	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.27	—	—	1.00E-01	mg/L	—	—	09-2718	CAPU-09-11248	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-5	2452	383.9	01/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.39	—	—	1.00E-01	mg/L	—	J-	09-637	CAPU-09-1780	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.97	—	—	1.00E-01	mg/L	—	—	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	316	—	—	2.40E+00	mg/L	—	—	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	01/14/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	179	—	—	2.40E+00	mg/L	—	J	09-637	CAPU-09-1780	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	203	—	—	2.40E+00	mg/L	—	—	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	184483	GF07040G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.041	—	—	3.30E-02	mg/L	J	J	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	01/14/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	UJ	09-637	CAPU-09-1781	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.079	—	—	2.90E-02	mg/L	J	U	08-1776	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	189841	GU07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.145	—	—	1.45E-01	mg/L	U	UJ	184483	GU07040G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.761	—	—	3.30E-01	mg/L	J	J	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	01/14/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.407	—	—	3.30E-01	mg/L	J	J	09-637	CAPU-09-1781	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	08-1776	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.54	—	—	3.30E-01	mg/L	J	—	189841	GU07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.618	—	—	3.30E-01	mg/L	J	—	184483	GU07040G05R201	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	4.14	—	—	1.00E-02	SU	H	J-	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	01/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.14	—	—	1.00E-02	SU	H	J-	09-637	CAPU-09-1780	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	1.00E-02	SU	H	J-	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	199	—	—	1.00E+00	ug/L	—	—	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	190	—	—	1.00E+00	ug/L	—	—	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	187	—	—	1.00E+00	ug/L	—	—	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	198	—	—	1.00E+00	ug/L	—	—	184483	GF07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	196	—	—	1.00E+00	ug/L	—	—	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	202	—	—	1.00E+00	ug/L	—	—	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	188	—	—	1.00E+00	ug/L	—	—	08-1777	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	200	—	—	1.00E+00	ug/L	—	—	189841	GU07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	169	—	—	1.00E+00	ug/L	—	—	184483	GU07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	199	—	—	1.00E+00	ug/L	—	—	167998	GU06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	26.3	—	—	1.50E+01	ug/L	J	J	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	24.8	—	—	1.00E+01	ug/L	J	J	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	27.4	—	—	1.00E+01	ug/L	J	U	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.3	—	—	1.00E+01	ug/L	J	—	184483	GF07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	26	—	—	1.00E+01	ug/L	J	—	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	28.5	—	—	1.50E+01	ug/L	J	J	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	26.7	—	—	1.00E+01	ug/L	J	J	08-1777	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	28.2	—	—	1.00E+01	ug/L	J	U	189841	GU07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21.2	—	—	1.00E+01	ug/L	J	—	184483	GU07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	24.9	—	—	1.00E+01	ug/L	J	—	167998	GU06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	6.44	—	—	2.50E+00	ug/L	J	J	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.5	—	—	1.50E+00	ug/L	—	—	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	1.00E+00	ug/L	—	—	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	1.00E+00	ug/L	—	—	184483	GF07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	1.00E+00	ug/L	—	—	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.86	—	—	2.50E+00	ug/L	J	J	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.6	—	—	1.50E+00	ug/L	—	—	08-1777	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.6	—	—	1.00E+00	ug/L	—	—	189841	GU07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7	—	—	5.00E+00	ug/L	J	—	184483	GU07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5	—	—	1.00E+00	ug/L	—	—	167998	GU06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.07	—	—	1.00E-01	ug/L	—	—	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.3	—	—	1.00E-01	ug/L	—	J	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.4	—	—	2.00E+00	ug/L	J	—	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.7	—	—	2.00E+00	ug/L	J	—	184483	GF07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.08	—	—	1.00E-01	ug/L	—	—	09-2718	CAPU-09-11247	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.5	—	—	1.00E-01	ug/L	—	J	08-1777	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.8	—	—	2.00E+00	ug/L	J	—	189841	GU07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.2	—	—	2.00E+00	ug/L	J	—	184483	GU07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	167998	GU06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.943	—	—	5.00E-01	ug/L	J	J	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.74	—	—	5.00E-01	ug/L	J	J	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.63	—	—	5.00E-01	ug/L	J	—	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.77	—	—	5.00E-01	ug/L	J	—	184483	GF07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.58	—	—	5.00E-01	ug/L	J	—	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.817	—	—	5.00E-01	ug/L	J	J	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	5.00E-01	ug/L	J	J	08-1777	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.2	—	—	5.00E-01	ug/L	—	—	189841	GU07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2.5	—	—	2.50E+00	ug/L	U	—	184483	GU07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.87	—	—	5.00E-01	ug/L	J	—	167998	GU06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	53.9	—	—	5.30E-02	mg/L	—	—	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	01/14/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	55.3	—	—	3.20E-02	mg/L	—	—	09-637	CAPU-09-1780	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	51.7	—	—	3.20E-02	mg/L	—	—	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	298	—	—	1.00E+00	ug/L	—	J	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	309	—	—	1.00E+00	ug/L	—	—	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	294	—	—	1.00E+00	ug/L	—	—	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	309	—	—	1.00E+00	ug/L	—	—	184483	GF07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	308	—	—	1.00E+00	ug/L	—	—	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	311	—	—	1.00E+00	ug/L	—	J	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	304	—	—	1.00E+00	ug/L	—	—	08-1777	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	316	—	—	1.00E+00	ug/L	—	—	189841	GU07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	290	—	—	1.00E+00	ug/L	—	—	184483	GU07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	312	—	—	1.00E+00	ug/L	—	—	167998	GU06070G05R201	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.34	—	—	3.00E-01	ug/L	J	U	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	184483	GF07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.64	—	—	4.00E-01	ug/L	J	—	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.315	—	—	3.00E-01	ug/L	J	J	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.68	—	—	3.00E-01	ug/L	J	U	08-1777	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.3	—	—	3.00E-01	ug/L	U	—	189841	GU07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	184483	GU07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.4	—	—	4.00E-01	ug/L	U	—	167998	GU06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.63	—	—	5.00E-02	ug/L	—	J	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.9	—	—	5.00E-02	ug/L	—	—	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.8	—	—	5.00E-02	ug/L	—	—	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.9	—	—	5.00E-02	ug/L	—	—	184483	GF07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2.9	—	—	5.00E-02	ug/L	—	—	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.72	—	—	5.00E-02	ug/L	—	J	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.9	—	—	5.00E-02	ug/L	—	—	08-1777	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.6	—	—	5.00E-02	ug/L	—	—	189841	GU07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.8	—	—	5.00E-02	ug/L	—	—	184483	GU07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.9	—	—	5.00E-02	ug/L	—	—	167998	GU06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.16	—	—	1.00E+00	ug/L	—	—	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	10.4	—	—	1.00E+00	ug/L	—	U	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.1	—	—	1.00E+00	ug/L	—	—	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.4	—	—	1.00E+00	ug/L	—	J+	184483	GF07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.6	—	—	1.00E+00	ug/L	—	—	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.36	—	—	1.00E+00	ug/L	—	—	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	10.6	—	—	1.00E+00	ug/L	—	U	08-1777	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.4	—	—	1.00E+00	ug/L	—	—	189841	GU07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.7	—	—	1.00E+00	ug/L	—	J+	184483	GU07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.5	—	—	1.00E+00	ug/L	—	—	167998	GU06070G05R201	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-5	2452	383.9	07/22/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.16	—	—	3.30E+00	ug/L	J	J	09-2718	CAPU-09-11248	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3	—	—	2.00E+00	ug/L	J	J	08-1777	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.9	—	—	2.00E+00	ug/L	J	—	189841	GF07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	184483	GF07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	4	—	—	2.00E+00	ug/L	J	U	167998	GF06070G05R201	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.6	—	—	2.00E+00	ug/L	J	J	08-1777	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.1	—	—	2.00E+00	ug/L	J	—	189841	GU07070G05R201	GELC
R-5	2452	383.9	04/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.1	—	—	2.00E+00	ug/L	J	—	184483	GU07040G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	3.6	—	—	2.00E+00	ug/L	J	U	167998	GU06070G05R201	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0162	1.90E-03	3.50E-02	—	pCi/L	U	U	08-1778	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00111	6.73E-04	3.93E-02	—	pCi/L	U	U	189841	GF07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00467	1.03E-03	2.27E-02	—	pCi/L	U	U	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00359	1.37E-03	3.70E-02	—	pCi/L	U	U	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00137	1.10E-03	2.80E-02	—	pCi/L	U	U	08-1778	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00129	6.53E-04	3.82E-02	—	pCi/L	U	U	189841	GU07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00363	9.47E-04	2.49E-02	—	pCi/L	U	U	167998	GU06070G05R201	GELC
R-5	2452	383.9	05/02/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0235	4.00E-03	3.40E-02	—	pCi/L	U	U	135861	GU0504G05R201	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.327	4.33E-01	4.20E+00	—	pCi/L	U	U	08-1778	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.563	3.63E-01	3.68E+00	—	pCi/L	U	U	189841	GF07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.904	3.53E-01	4.07E+00	—	pCi/L	U	U	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.72	5.67E-01	5.20E+00	—	pCi/L	U	U	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.18	4.67E-01	4.90E+00	—	pCi/L	U	U	08-1778	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.57	5.03E-01	4.52E+00	—	pCi/L	U	U	189841	GU07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.47	3.87E-01	4.56E+00	—	pCi/L	U	U	167998	GU06070G05R201	GELC
R-5	2452	383.9	05/02/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	5.65	3.20E-01	3.94E+00	—	pCi/L	UI	R	135861	GU0504G05R201	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.433	5.67E-01	5.40E+00	—	pCi/L	U	U	08-1778	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.421	4.43E-01	4.30E+00	—	pCi/L	U	U	189841	GF07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.08	4.10E-01	5.19E+00	—	pCi/L	U	U	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.324	5.00E-01	5.20E+00	—	pCi/L	U	U	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0986	5.00E-01	5.10E+00	—	pCi/L	U	U	08-1778	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.3	4.87E-01	4.87E+00	—	pCi/L	U	U	189841	GU07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.296	3.09E-01	3.47E+00	—	pCi/L	U	U	167998	GU06070G05R201	GELC
R-5	2452	383.9	05/02/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.177	2.69E-01	2.92E+00	—	pCi/L	U	U	135861	GU0504G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.28	4.00E-01	3.30E+00	—	pCi/L	U	U	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.06	3.23E-01	2.46E+00	—	pCi/L	—	J	189841	GF07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4	2.57E-01	2.47E+00	—	pCi/L	—	J	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.01	4.67E-01	3.40E+00	—	pCi/L	—	—	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.4	3.30E-01	2.95E+00	—	pCi/L	—	J	189841	GU07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.68	2.22E-01	2.30E+00	—	pCi/L	—	J	167998	GU06070G05R201	GELC
R-5	2452	383.9	05/02/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.49	2.51E-01	2.58E+00	—	pCi/L	—	J	135861	GU0504G05R201	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	8.29	1.77E+00	1.00E+01	—	pCi/L	U	U	08-1778	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	86.3	3.33E+01	3.17E+02	—	pCi/L	U	U	189841	GF07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	71.9	2.73E+01	2.43E+02	—	pCi/L	U	U	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	146	9.00E+00	7.80E+01	—	pCi/L	—	—	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	19.9	3.10E+00	9.90E+00	—	pCi/L	—	U	08-1778	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	73.4	2.15E+01	2.74E+02	—	pCi/L	U	U	189841	GU07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	93.5	2.33E+01	3.17E+02	—	pCi/L	U	U	167998	GU06070G05R201	GELC
R-5	2452	383.9	05/02/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	120	2.74E+01	2.60E+02	—	pCi/L	U	U	135861	GU0504G05R201	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	24.3	4.00E+00	3.60E+01	—	pCi/L	U	U	08-1778	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	20.4	2.76E+00	2.74E+01	—	pCi/L	U	U	189841	GF07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.17	2.64E+00	2.77E+01	—	pCi/L	U	U	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	30.2	4.00E+00	4.00E+01	—	pCi/L	U	U	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-18.1	3.67E+00	3.20E+01	—	pCi/L	U	U	08-1778	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-21.1	3.90E+00	3.13E+01	—	pCi/L	U	U	189841	GU07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-25.7	3.43E+00	3.07E+01	—	pCi/L	U	U	167998	GU06070G05R201	GELC
R-5	2452	383.9	05/02/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	14	2.52E+00	2.39E+01	—	pCi/L	U	U	135861	GU0504G05R201	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-5	2452	383.9	08/26/08	WG	F	CS	---	Rad	HASL-300	Plutonium-238	<	0.00171	1.27E-03	2.40E-02	---	pCi/L	U	U	08-1778	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	---	Rad	HASL-300	Plutonium-238	<	0.0076	1.47E-03	3.54E-02	---	pCi/L	U	U	189841	GF07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	---	Rad	HASL-300	Plutonium-238	<	0	6.67E-04	1.92E-02	---	pCi/L	U	U	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	---	Rad	HASL-300	Plutonium-238	<	-0.00639	1.87E-03	3.40E-02	---	pCi/L	U	U	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	---	Rad	HASL-300	Plutonium-238	<	-0.00338	1.13E-03	2.40E-02	---	pCi/L	U	U	08-1778	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	---	Rad	HASL-300	Plutonium-238	<	0	1.92E-03	3.30E-02	---	pCi/L	U	U	189841	GU07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	---	Rad	HASL-300	Plutonium-238	<	-0.00237	1.12E-03	2.27E-02	---	pCi/L	U	U	167998	GU06070G05R201	GELC
R-5	2452	383.9	05/02/05	WG	UF	CS	---	Rad	HASL-300	Plutonium-238	<	0.0151	3.73E-03	4.50E-02	---	pCi/L	U	U	135861	GU0504G05R201	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	---	Rad	HASL-300	Plutonium-239/240	<	0.00341	1.60E-03	2.90E-02	---	pCi/L	U	U	08-1778	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	---	Rad	HASL-300	Plutonium-239/240	<	-0.0076	1.89E-03	3.93E-02	---	pCi/L	U	U	189841	GF07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	---	Rad	HASL-300	Plutonium-239/240	<	-0.014	2.22E-03	2.23E-02	---	pCi/L	U	U	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	---	Rad	HASL-300	Plutonium-239/240	<	-0.00213	1.87E-03	4.20E-02	---	pCi/L	U	U	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	---	Rad	HASL-300	Plutonium-239/240	<	0	1.37E-03	2.90E-02	---	pCi/L	U	U	08-1778	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	---	Rad	HASL-300	Plutonium-239/240	<	-0.00942	2.23E-03	3.65E-02	---	pCi/L	U	U	189841	GU07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	---	Rad	HASL-300	Plutonium-239/240	<	-0.00236	1.37E-03	2.65E-02	---	pCi/L	U	U	167998	GU06070G05R201	GELC
R-5	2452	383.9	05/02/05	WG	UF	CS	---	Rad	HASL-300	Plutonium-239/240	<	0.00864	2.28E-03	3.80E-02	---	pCi/L	U	U	135861	GU0504G05R201	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	---	Rad	EPA:901.1	Potassium-40	<	24.5	5.67E+00	6.40E+01	---	pCi/L	U	U	08-1778	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	---	Rad	EPA:901.1	Potassium-40	<	2.92	5.67E+00	3.48E+01	---	pCi/L	U	U	189841	GF07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	---	Rad	EPA:901.1	Potassium-40	<	33.9	4.23E+00	5.62E+01	---	pCi/L	U	U	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	---	Rad	EPA:901.1	Potassium-40	<	30.9	5.33E+00	5.80E+01	---	pCi/L	U	U	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	---	Rad	EPA:901.1	Potassium-40	<	0.666	6.33E+00	6.60E+01	---	pCi/L	U	U	08-1778	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	---	Rad	EPA:901.1	Potassium-40	<	4.93	6.40E+00	5.51E+01	---	pCi/L	U	U	189841	GU07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	---	Rad	EPA:901.1	Potassium-40	<	43.5	4.20E+00	5.76E+01	---	pCi/L	U	U	167998	GU06070G05R201	GELC
R-5	2452	383.9	05/02/05	WG	UF	CS	---	Rad	EPA:901.1	Potassium-40	<	6.44	4.27E+00	2.30E+01	---	pCi/L	U	U	135861	GU0504G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	---	Rad	EPA:903.1	Radium-226	<	0.49	5.33E-02	2.90E-01	---	pCi/L	---	U	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	---	Rad	EPA:903.1	Radium-226	<	0.385	5.33E-02	4.80E-01	---	pCi/L	U	U	08-1778	CAPU-08-14776	GELC
R-5	2452	383.9	05/02/05	WG	UF	CS	---	Rad	EPA:903.1	Radium-226	<	0.219	6.70E-02	6.95E-01	---	pCi/L	U	J-	135861	GU0504G05R201	GELC
R-5	2452	383.9	09/27/04	WG	UF	CS	---	Rad	EPA:901.1	Radium-226	<	1.5	7.63E-01	5.31E+00	---	pCi/L	U	U	122501	GU0409G05R201	GELC
R-5	2452	383.9	04/28/04	WG	UF	CS	---	Rad	EPA:901.1	Radium-226	---	11.5	1.66E+00	8.19E+00	---	pCi/L	---	J	112037	GU0404G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	---	Rad	EPA:904	Radium-228	<	0.908	1.17E-01	1.00E+00	---	pCi/L	U	U	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	---	Rad	EPA:904	Radium-228	---	0.542	6.00E-02	4.60E-01	---	pCi/L	---	---	08-1778	CAPU-08-14776	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	---	Rad	EPA:901.1	Sodium-22	<	0.236	5.33E-01	5.40E+00	---	pCi/L	U	U	08-1778	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	---	Rad	EPA:901.1	Sodium-22	<	1.05	3.83E-01	4.09E+00	---	pCi/L	U	U	189841	GF07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	---	Rad	EPA:901.1	Sodium-22	<	0.389	4.10E-01	4.74E+00	---	pCi/L	U	U	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	---	Rad	EPA:901.1	Sodium-22	<	-2.22	4.33E-01	3.80E+00	---	pCi/L	U	U	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	---	Rad	EPA:901.1	Sodium-22	<	-0.925	4.67E-01	4.40E+00	---	pCi/L	U	U	08-1778	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	---	Rad	EPA:901.1	Sodium-22	<	-0.00174	4.87E-01	4.33E+00	---	pCi/L	U	U	189841	GU07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	---	Rad	EPA:901.1	Sodium-22	<	0.394	3.83E-01	4.45E+00	---	pCi/L	U	U	167998	GU06070G05R201	GELC
R-5	2452	383.9	05/02/05	WG	UF	CS	---	Rad	EPA:901.1	Sodium-22	<	-0.05	2.42E-01	2.67E+00	---	pCi/L	U	U	135861	GU0504G05R201	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	---	Rad	EPA:905.0	Strontium-90	<	0.0772	2.80E-02	2.90E-01	---	pCi/L	U	U	08-1778	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	---	Rad	EPA:905.0	Strontium-90	<	-0.0811	4.27E-02	4.74E-01	---	pCi/L	U	U	189841	GF07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	---	Rad	EPA:905.0	Strontium-90	<	0.0818	2.18E-02	2.62E-01	---	pCi/L	U	U	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	---	Rad	EPA:905.0	Strontium-90	<	-0.0946	4.67E-02	4.90E-01	---	pCi/L	U	U	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	---	Rad	EPA:905.0	Strontium-90	<	-0.192	2.03E-02	2.90E-01	---	pCi/L	U	U	08-1778	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	---	Rad	EPA:905.0	Strontium-90	<	-0.0454	2.82E-02	3.32E-01	---	pCi/L	U	U	189841	GU07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	---	Rad	EPA:905.0	Strontium-90	<	0.0656	2.07E-02	2.51E-01	---	pCi/L	U	U	167998	GU06070G05R201	GELC
R-5	2452	383.9	05/02/05	WG	UF	CS	---	Rad	EPA:905.0	Strontium-90	<	-0.0109	2.71E-02	3.84E-01	---	pCi/L	---	U	135861	GU0504G05R201	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	---	Rad	HASL-300	Uranium-234	---	1.17	2.73E-02	6.50E-02	---	pCi/L	---	---	08-1778	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	---	Rad	HASL-300	Uranium-234	---	1.27	2.98E-02	2.91E-02	---	pCi/L	---	---	189841	GF07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	---	Rad	HASL-300	Uranium-234	---	1.11	2.97E-02	6.13E-02	---	pCi/L	---	---	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	---	Rad	HASL-300	Uranium-234	---	1.17	4.00E-02	1.80E-01	---	pCi/L	---	---	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	---	Rad	HASL-300	Uranium-234	---	1.1	2.60E-02	6.60E-02	---	pCi/L	---	---	08-1778	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	---	Rad	HASL-300	Uranium-234	---	1.13	2.70E-02	2.94E-02	---	pCi/L	---	---	189841	GU07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	---	Rad	HASL-300	Uranium-234	---	1.15	3.09E-02	6.45E-02	---	pCi/L	---	---	167998	GU06070G05R201	GELC
R-5	2452	383.9	05/02/05	WG	UF	CS	---	Rad	HASL-300	Uranium-234	---	1.35	2.66E-02	7.90E-02	---	pCi/L	---	J	135861	GU0504G05R201	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	---	Rad	HASL-300	Uranium-235/236	---	0.0511	4.00E-03	3.40E-02	---	pCi/L	---	---	08-1778	CAPU-08-14777	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-5	2452	383.9	07/16/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0541	4.23E-03	2.46E-02	—	pCi/L	—	J	189841	GF07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0145	6.17E-03	5.17E-02	—	pCi/L	U	U	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0203	5.00E-03	9.20E-02	—	pCi/L	U	U	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0641	5.00E-03	3.50E-02	—	pCi/L	—	—	08-1778	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.065	4.67E-03	2.48E-02	—	pCi/L	—	J	189841	GU07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0382	5.47E-03	5.44E-02	—	pCi/L	U	U	167998	GU06070G05R201	GELC
R-5	2452	383.9	05/02/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0599	4.40E-03	4.80E-02	—	pCi/L	—	J	135861	GU0504G05R201	GELC
R-5	2452	383.9	08/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.84	2.07E-02	3.40E-02	—	pCi/L	—	—	08-1778	CAPU-08-14777	GELC
R-5	2452	383.9	07/16/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.9	2.25E-02	3.92E-02	—	pCi/L	—	—	189841	GF07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.737	2.19E-02	6.52E-02	—	pCi/L	—	—	167998	GF06070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.95	3.33E-02	9.20E-02	—	pCi/L	—	—	09-2718	CAPU-09-11247	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.819	2.07E-02	3.50E-02	—	pCi/L	—	—	08-1778	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.904	2.27E-02	3.96E-02	—	pCi/L	—	—	189841	GU07070G05R201	GELC
R-5	2452	383.9	07/25/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.823	2.45E-02	6.86E-02	—	pCi/L	—	—	167998	GU06070G05R201	GELC
R-5	2452	383.9	05/02/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.965	2.11E-02	5.60E-02	—	pCi/L	—	J	135861	GU0504G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Acetone	—	35	—	—	3.50E+00	ug/L	—	—	09-2726	CAPU-09-11245	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	2	—	—	1.30E+00	ug/L	J	U	08-1776	CAPU-08-14776	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Butanone[2-]	—	10.3	—	—	1.30E+00	ug/L	—	—	09-2726	CAPU-09-11245	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.30E+00	ug/L	U	UJ	08-1776	CAPU-08-14776	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	EQB	Voa	SW-846:8260B	Chloroform	—	0.333	—	—	2.50E-01	ug/L	J	J	09-2717	CAPU-09-11246	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	U	08-1776	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	—	189841	GU07070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	EQB	Voa	SW-846:8260B	Chloromethane	—	0.322	—	—	3.00E-01	ug/L	J	J	09-2717	CAPU-09-11246	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1776	CAPU-08-14776	GELC
R-5	2452	383.9	07/16/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	189841	GU07070G05R201	GELC
R-5	2452	383.9	07/22/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Toluene	—	0.448	—	—	2.50E-01	ug/L	J	J	09-2726	CAPU-09-11245	GELC
R-5	2452	383.9	08/26/08	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	U	08-1776	CAPU-08-14776	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	91.4	—	—	7.30E-01	mg/L	—	—	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	01/14/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	95	—	—	7.30E-01	mg/L	—	—	09-637	CAPU-09-1794	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	91.3	—	—	7.30E-01	mg/L	—	—	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.027	—	—	1.60E-02	mg/L	J	J-	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	01/14/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-637	CAPU-09-1794	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.13	—	—	6.60E-02	mg/L	J	J	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	01/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.70E-02	mg/L	U	UJ	09-637	CAPU-09-1794	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.107	—	—	6.70E-02	mg/L	J	J	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.6	—	—	5.00E-02	mg/L	—	—	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.9	—	—	3.00E-02	mg/L	—	—	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25	—	—	3.00E-02	mg/L	—	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24	—	—	3.60E-02	mg/L	—	—	184649	GU07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.6	—	—	3.60E-02	mg/L	—	—	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.8	—	—	5.00E-02	mg/L	—	—	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.5	—	—	3.00E-02	mg/L	—	—	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.4	—	—	3.00E-02	mg/L	—	—	190027	GU07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.4	—	—	3.60E-02	mg/L	—	—	184649	GU07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.6	—	—	3.60E-02	mg/L	—	—	168163	GU06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.73	—	—	6.60E-02	mg/L	—	—	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	01/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.84	—	—	6.60E-02	mg/L	—	—	09-637	CAPU-09-1794	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.38	—	—	6.60E-02	mg/L	—	—	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.812	—	—	3.30E-02	mg/L	—	—	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	01/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.686	—	—	3.30E-02	mg/L	—	—	09-637	CAPU-09-1794	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.687	—	—	3.30E-02	mg/L	—	—	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	78.9	—	—	3.50E-01	mg/L	—	—	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80.9	—	—	3.50E-01	mg/L	—	—	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	79.7	—	—	4.25E-01	mg/L	—	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76.8	—	—	4.40E-01	mg/L	—	—	184649	GU07040G05R301	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-5	2512	718.6	07/26/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	81.6	—	—	8.50E-02	mg/L	—	—	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	78.9	—	—	3.50E-01	mg/L	—	—	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	78.8	—	—	3.50E-01	mg/L	—	—	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	81.1	—	—	4.25E-01	mg/L	—	—	190027	GU07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	78.4	—	—	4.40E-01	mg/L	—	—	184649	GU07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	81.6	—	—	8.50E-02	mg/L	—	—	168163	GU06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.21	—	—	8.50E-02	mg/L	—	—	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.58	—	—	8.50E-02	mg/L	—	—	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.21	—	—	8.50E-02	mg/L	—	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.07	—	—	8.50E-02	mg/L	—	—	184649	GF07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.29	—	—	8.50E-02	mg/L	—	—	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.14	—	—	8.50E-02	mg/L	—	—	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.24	—	—	8.50E-02	mg/L	—	—	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.28	—	—	8.50E-02	mg/L	—	—	190027	GU07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.23	—	—	8.50E-02	mg/L	—	—	184649	GU07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.3	—	—	8.50E-02	mg/L	—	—	168163	GU06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.2	—	—	5.00E-02	mg/L	—	—	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	01/14/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.91	—	—	5.00E-02	mg/L	—	—	09-637	CAPU-09-1794	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.13	—	—	5.00E-02	mg/L	—	—	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	1.2	—	—	1.00E-01	ug/L	—	—	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	01/14/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	1.19	—	—	1.00E-01	ug/L	—	—	09-637	CAPU-09-1794	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	1.36	—	—	1.00E-01	ug/L	—	—	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.26	—	—	5.00E-02	mg/L	—	—	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.47	—	—	5.00E-02	mg/L	E	—	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.35	—	—	5.00E-02	mg/L	—	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.32	—	—	5.00E-02	mg/L	—	—	184649	GF07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.27	—	—	5.00E-02	mg/L	—	—	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.27	—	—	5.00E-02	mg/L	—	—	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.03	—	—	5.00E-02	mg/L	E	J	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.4	—	—	5.00E-02	mg/L	—	—	190027	GU07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.38	—	—	5.00E-02	mg/L	—	—	184649	GU07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.52	—	—	5.00E-02	mg/L	—	—	168163	GU06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.3	—	—	1.00E-01	mg/L	*	J	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.4	—	—	4.50E-02	mg/L	—	—	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.3	—	—	4.50E-02	mg/L	—	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.5	—	—	4.50E-02	mg/L	—	—	184649	GF07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.6	—	—	4.50E-02	mg/L	—	—	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.9	—	—	1.00E-01	mg/L	*	J	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.8	—	—	4.50E-02	mg/L	—	—	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.5	—	—	4.50E-02	mg/L	—	—	190027	GU07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.5	—	—	4.50E-02	mg/L	—	—	184649	GU07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.6	—	—	4.50E-02	mg/L	—	—	168163	GU06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	260	—	—	1.00E+00	uS/cm	—	—	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	01/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	262	—	—	1.00E+00	uS/cm	—	—	09-637	CAPU-09-1794	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	256	—	—	1.00E+00	uS/cm	—	—	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	16.2	—	—	1.00E-01	mg/L	—	—	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	01/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	16.7	—	—	1.00E-01	mg/L	—	—	09-637	CAPU-09-1794	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	15.5	—	—	1.00E-01	mg/L	—	J-	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	194	—	—	2.40E+00	mg/L	—	—	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	01/14/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	187	—	—	2.40E+00	mg/L	—	J	09-637	CAPU-09-1794	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	195	—	—	2.40E+00	mg/L	—	—	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.427	—	—	3.30E-01	mg/L	J	J	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	01/14/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.338	—	—	3.30E-01	mg/L	J	J	09-637	CAPU-09-1795	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.364	—	—	3.30E-01	mg/L	J	—	190027	GU07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.873	—	—	3.30E-01	mg/L	J	—	184649	GU07040G05R301	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-5	2512	718.6	07/22/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.08	—	—	1.00E-02	SU	H	J-	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	01/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.19	—	—	1.00E-02	SU	H	J-	09-637	CAPU-09-1794	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	1.00E-02	SU	H	J-	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	94.3	—	—	1.00E+00	ug/L	—	—	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	91	—	—	1.00E+00	ug/L	—	—	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	95.5	—	—	1.00E+00	ug/L	—	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	87.9	—	—	1.00E+00	ug/L	—	—	184649	GF07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	94.7	—	—	1.00E+00	ug/L	—	—	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	95.3	—	—	1.00E+00	ug/L	—	—	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	88.5	—	—	1.00E+00	ug/L	—	—	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	98.5	—	—	1.00E+00	ug/L	—	—	190027	GU07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	93.1	—	—	1.00E+00	ug/L	—	—	184649	GU07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	93.1	—	—	1.00E+00	ug/L	—	—	168163	GU06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	35.8	—	—	1.50E+01	ug/L	J	J	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	36.2	—	—	1.00E+01	ug/L	J	J	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	36.4	—	—	1.00E+01	ug/L	J	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	31.2	—	—	1.00E+01	ug/L	J	—	184649	GF07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	36.7	—	—	1.00E+01	ug/L	J	—	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	37.5	—	—	1.50E+01	ug/L	J	J	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	34.7	—	—	1.00E+01	ug/L	J	J	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	36.8	—	—	1.00E+01	ug/L	J	—	190027	GU07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	34.8	—	—	1.00E+01	ug/L	J	—	184649	GU07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	35.9	—	—	1.00E+01	ug/L	J	—	168163	GU06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	8.82	—	—	2.50E+00	ug/L	J	J	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	10.4	—	—	1.50E+00	ug/L	—	J	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	7.3	—	—	1.00E+00	ug/L	—	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	7.1	—	—	1.00E+00	ug/L	—	—	184649	GF07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	9.5	—	—	1.00E+00	ug/L	—	—	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	11.4	—	—	2.50E+00	ug/L	—	—	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	10.4	—	—	1.50E+00	ug/L	—	J	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	12.9	—	—	1.00E+00	ug/L	—	—	190027	GU07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	17.1	—	—	1.00E+00	ug/L	—	—	184649	GU07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	12.4	—	—	1.00E+00	ug/L	—	—	168163	GU06070G05R301	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	184649	GF07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3	—	—	2.00E+00	ug/L	J	J	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10.4	—	—	2.00E+00	ug/L	—	—	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.2	—	—	2.00E+00	ug/L	J	—	190027	GU07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	184649	GU07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	2	—	—	2.00E+00	ug/L	U	—	168163	GU06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.33	—	—	1.00E-01	ug/L	—	—	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	2.4	—	—	1.00E-01	ug/L	—	U	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2	—	—	2.00E+00	ug/L	J	—	184649	GF07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.5	—	—	2.00E+00	ug/L	J	—	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.36	—	—	1.00E-01	ug/L	—	—	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	2.5	—	—	1.00E-01	ug/L	—	U	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.8	—	—	2.00E+00	ug/L	J	U	190027	GU07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.5	—	—	2.00E+00	ug/L	J	—	184649	GU07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2.00E+00	ug/L	J	—	168163	GU06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.28	—	—	5.00E-01	ug/L	J	J	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	5.00E-01	ug/L	J	J	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	5.00E-01	ug/L	J	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2	—	—	5.00E-01	ug/L	—	—	184649	GF07040G05R301	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-5	2512	718.6	07/26/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	5.00E-01	ug/L	J	—	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.47	—	—	5.00E-01	ug/L	J	J	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2	—	—	5.00E-01	ug/L	J	J	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.8	—	—	5.00E-01	ug/L	—	—	190027	GU07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	8.5	—	—	5.00E-01	ug/L	—	—	184649	GU07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.2	—	—	5.00E-01	ug/L	—	—	168163	GU06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	48.8	—	—	5.30E-02	mg/L	—	—	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	01/14/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	48	—	—	3.20E-02	mg/L	—	—	09-637	CAPU-09-1794	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.4	—	—	3.20E-02	mg/L	—	—	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	190	—	—	1.00E+00	ug/L	*	J	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	199	—	—	1.00E+00	ug/L	—	—	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	193	—	—	1.00E+00	ug/L	—	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	182	—	—	1.00E+00	ug/L	—	—	184649	GF07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	191	—	—	1.00E+00	ug/L	—	—	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	187	—	—	1.00E+00	ug/L	*	J	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	175	—	—	1.00E+00	ug/L	—	—	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	197	—	—	1.00E+00	ug/L	—	—	190027	GU07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	190	—	—	1.00E+00	ug/L	—	—	184649	GU07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	190	—	—	1.00E+00	ug/L	—	—	168163	GU06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	5.00E-02	ug/L	—	J	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	ug/L	—	J	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	5.00E-02	ug/L	—	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	5.00E-02	ug/L	—	—	184649	GF07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	5.00E-02	ug/L	—	—	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.78	—	—	5.00E-02	ug/L	—	J	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	5.00E-02	ug/L	—	J	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	5.00E-02	ug/L	—	—	190027	GU07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	5.00E-02	ug/L	—	—	184649	GU07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	5.00E-02	ug/L	—	—	168163	GU06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.2	—	—	1.00E+00	ug/L	—	—	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.1	—	—	1.00E+00	ug/L	—	J	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.4	—	—	1.00E+00	ug/L	—	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.4	—	—	1.00E+00	ug/L	—	—	184649	GF07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.4	—	—	1.00E+00	ug/L	—	—	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.2	—	—	1.00E+00	ug/L	—	—	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.7	—	—	1.00E+00	ug/L	—	J	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.4	—	—	1.00E+00	ug/L	—	—	190027	GU07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.3	—	—	1.00E+00	ug/L	—	—	184649	GU07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10	—	—	1.00E+00	ug/L	—	—	168163	GU06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.97	—	—	3.30E+00	ug/L	J	J	09-2726	CAPU-09-11249	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	4.4	—	—	2.00E+00	ug/L	J	U	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	184649	GF07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.7	—	—	2.00E+00	ug/L	J	U	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.52	—	—	3.30E+00	ug/L	J	J	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	4.3	—	—	2.00E+00	ug/L	J	U	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	190027	GU07070G05R301	GELC
R-5	2512	718.6	04/18/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.1	—	—	2.00E+00	ug/L	J	—	184649	GU07040G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	6	—	—	2.00E+00	ug/L	J	U	168163	GU06070G05R301	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00139	5.67E-04	2.30E-02	—	pCi/L	U	U	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0127	1.82E-03	2.91E-02	—	pCi/L	U	U	190027	GF07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0135	2.49E-03	2.30E-02	—	pCi/L	U	U	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00485	9.33E-04	3.40E-02	—	pCi/L	U	U	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000123	1.37E-03	2.40E-02	—	pCi/L	U	U	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00915	1.49E-03	3.22E-02	—	pCi/L	U	U	190027	GU07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00247	7.40E-04	2.23E-02	—	pCi/L	U	U	168163	GU06070G05R301	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-5	2512	718.6	05/03/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00814	1.67E-03	3.20E-02	—	pCi/L	U	U	136031	GU0504G05R301	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.66	4.33E-01	4.50E+00	—	pCi/L	U	U	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.8	4.70E-01	3.73E+00	—	pCi/L	U	U	190027	GF07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.536	3.37E-01	3.57E+00	—	pCi/L	U	U	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.56	5.00E-01	4.20E+00	—	pCi/L	U	U	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0325	4.00E-01	4.00E+00	—	pCi/L	U	U	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.35	3.87E-01	3.69E+00	—	pCi/L	U	U	190027	GU07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.231	4.47E-01	4.19E+00	—	pCi/L	U	U	168163	GU06070G05R301	GELC
R-5	2512	718.6	05/03/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.887	4.07E-01	4.11E+00	—	pCi/L	U	U	136031	GU0504G05R301	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.492	3.67E-01	3.30E+00	—	pCi/L	U	U	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.27	5.50E-01	4.81E+00	—	pCi/L	U	U	190027	GF07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.402	3.77E-01	4.16E+00	—	pCi/L	U	U	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.86	5.33E-01	4.30E+00	—	pCi/L	U	U	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.45	3.20E-01	3.30E+00	—	pCi/L	U	U	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.71	4.50E-01	4.80E+00	—	pCi/L	U	U	190027	GU07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.18	2.36E-01	3.92E+00	—	pCi/L	U	U	168163	GU06070G05R301	GELC
R-5	2512	718.6	05/03/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.981	4.10E-01	4.74E+00	—	pCi/L	U	U	136031	GU0504G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.33	2.87E-01	2.70E+00	—	pCi/L	U	U	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	11/13/01	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	1.5	9.33E-02	7.30E-01	—	pCi/L	—	—	235S	GW05-01-0028	GEL
R-5	2512	718.6	07/17/07	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.7	2.93E-01	2.61E+00	—	pCi/L	—	J	190027	GF07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.75	2.76E-01	2.52E+00	—	pCi/L	—	J	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.65	4.67E-01	3.80E+00	—	pCi/L	—	—	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.52	3.11E-01	2.02E+00	—	pCi/L	—	J	190027	GU07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.34	3.09E-01	2.92E+00	—	pCi/L	—	J	168163	GU06070G05R301	GELC
R-5	2512	718.6	05/03/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.03	2.56E-01	2.53E+00	—	pCi/L	—	J	136031	GU0504G05R301	GELC
R-5	2512	718.6	11/13/01	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.819999933	1.37E-01	1.30E+00	—	pCi/L	—	—	235S	GW05-01-0028	GEL
R-5	2512	718.6	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	15.8	1.83E+01	2.20E+01	—	pCi/L	U	U	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	93.8	2.05E+01	2.69E+02	—	pCi/L	U	U	190027	GF07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	92.1	4.13E+01	2.43E+02	—	pCi/L	U	U	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	77.3	7.67E+00	6.50E+01	—	pCi/L	—	—	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	20.5	4.00E+00	1.70E+01	—	pCi/L	—	U	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	74.2	2.62E+01	2.69E+02	—	pCi/L	U	U	190027	GU07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	70.9	1.89E+01	2.30E+02	—	pCi/L	U	U	168163	GU06070G05R301	GELC
R-5	2512	718.6	05/03/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	92.4	2.54E+01	3.20E+02	—	pCi/L	U	U	136031	GU0504G05R301	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-15.7	3.13E+00	2.70E+01	—	pCi/L	U	U	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.05	2.10E+00	2.05E+01	—	pCi/L	U	U	190027	GF07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.95	2.79E+00	3.10E+01	—	pCi/L	U	U	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	15	4.00E+00	4.10E+01	—	pCi/L	U	U	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-18.7	3.33E+00	3.30E+01	—	pCi/L	U	U	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.36	4.10E+00	2.51E+01	—	pCi/L	U	U	190027	GU07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.75	2.77E+00	2.86E+01	—	pCi/L	U	U	168163	GU06070G05R301	GELC
R-5	2512	718.6	05/03/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.44	2.93E+00	3.05E+01	—	pCi/L	U	U	136031	GU0504G05R301	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0101	5.00E-03	3.50E-02	—	pCi/L	U	U	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00407	3.33E-03	2.85E-02	—	pCi/L	U	U	190027	GF07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	5.83E-04	1.68E-02	—	pCi/L	U	U	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00239	2.10E-03	3.80E-02	—	pCi/L	U	U	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00456	4.33E-03	3.20E-02	—	pCi/L	U	U	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00197	1.47E-03	2.76E-02	—	pCi/L	U	U	190027	GU07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00195	6.53E-04	1.88E-02	—	pCi/L	U	U	168163	GU06070G05R301	GELC
R-5	2512	718.6	05/03/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	2.82E-10	1.57E-03	4.90E-02	—	pCi/L	U	U	136031	GU0504G05R301	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0126	2.53E-03	4.30E-02	—	pCi/L	U	U	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00204	2.25E-03	3.16E-02	—	pCi/L	U	U	190027	GF07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00523	1.01E-03	1.95E-02	—	pCi/L	U	U	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00239	1.13E-03	4.70E-02	—	pCi/L	U	U	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00683	3.13E-03	3.90E-02	—	pCi/L	U	U	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00987	1.98E-03	3.06E-02	—	pCi/L	U	U	190027	GU07070G05R301	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00781	1.31E-03	2.19E-02	—	pCi/L	U	U	168163	GU06070G05R301	GELC
R-5	2512	718.6	05/03/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0118	1.77E-03	4.10E-02	—	pCi/L	U	U	136031	GU0504G05R301	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.7	5.00E+00	4.90E+01	—	pCi/L	U	U	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-33.1	6.00E+00	5.29E+01	—	pCi/L	U	U	190027	GF07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	4.96	4.70E+00	5.34E+01	—	pCi/L	U	U	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	15.1	7.00E+00	7.00E+01	—	pCi/L	U	U	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-18.6	5.33E+00	5.60E+01	—	pCi/L	U	U	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0.686	3.70E+00	2.87E+01	—	pCi/L	U	U	190027	GU07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	6.24	6.33E+00	5.12E+01	—	pCi/L	U	U	168163	GU06070G05R301	GELC
R-5	2512	718.6	05/03/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-0.318	4.47E+00	4.84E+01	—	pCi/L	U	U	136031	GU0504G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.38	5.33E-02	3.60E-01	—	pCi/L	—	U	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.0561	2.67E-02	3.10E-01	—	pCi/L	U	U	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	05/03/05	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.43	5.63E-02	4.88E-01	—	pCi/L	U	U	136031	GU0504G05R301	GELC
R-5	2512	718.6	09/28/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	2.97	8.77E-01	5.73E+00	—	pCi/L	U	U	122638	GU0409G05R301	GELC
R-5	2512	718.6	04/30/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	3.96	1.72E+00	1.20E+01	—	pCi/L	U	U	112061	GU0404G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.758	1.03E-01	9.30E-01	—	pCi/L	U	U	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.00664	5.33E-02	5.80E-01	—	pCi/L	U	U	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.595	4.33E-01	4.00E+00	—	pCi/L	U	U	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.7	5.17E-01	5.43E+00	—	pCi/L	U	U	190027	GF07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.899	4.20E-01	4.99E+00	—	pCi/L	U	U	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0672	5.00E-01	5.10E+00	—	pCi/L	U	U	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.88	5.33E-01	5.70E+00	—	pCi/L	U	U	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.555	4.03E-01	4.10E+00	—	pCi/L	U	U	190027	GU07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.86	3.53E-01	4.69E+00	—	pCi/L	U	U	168163	GU06070G05R301	GELC
R-5	2512	718.6	05/03/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.61	4.03E-01	4.29E+00	—	pCi/L	U	U	136031	GU0504G05R301	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0307	4.33E-02	4.90E-01	—	pCi/L	U	U	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0082	2.68E-02	3.07E-01	—	pCi/L	U	U	190027	GF07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0188	1.65E-02	1.86E-01	—	pCi/L	U	U	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.15	4.00E-02	4.10E-01	—	pCi/L	U	U	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.136	4.67E-02	4.80E-01	—	pCi/L	U	U	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0696	2.88E-02	2.97E-01	—	pCi/L	U	U	190027	GU07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.121	2.02E-02	1.96E-01	—	pCi/L	U	U	168163	GU06070G05R301	GELC
R-5	2512	718.6	05/03/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.151	2.43E-02	2.92E-01	—	pCi/L	—	U	136031	GU0504G05R301	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.03	2.47E-02	6.70E-02	—	pCi/L	—	—	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.13	2.91E-02	3.77E-02	—	pCi/L	—	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.998	2.68E-02	5.95E-02	—	pCi/L	—	—	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.974	3.67E-02	1.90E-01	—	pCi/L	—	—	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.05	2.57E-02	7.20E-02	—	pCi/L	—	—	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.12	2.72E-02	3.13E-02	—	pCi/L	—	—	190027	GU07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.937	2.39E-02	4.65E-02	—	pCi/L	—	—	168163	GU06070G05R301	GELC
R-5	2512	718.6	05/03/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.1	2.40E-02	6.70E-02	—	pCi/L	—	—	136031	GU0504G05R301	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0383	3.33E-03	3.60E-02	—	pCi/L	—	—	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.09	6.63E-03	3.18E-02	—	pCi/L	—	J	190027	GF07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0211	3.73E-03	5.02E-02	—	pCi/L	U	U	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0208	5.00E-03	9.40E-02	—	pCi/L	U	U	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0387	3.33E-03	3.80E-02	—	pCi/L	—	—	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0525	4.33E-03	2.63E-02	—	pCi/L	—	J	190027	GU07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0303	3.60E-03	3.93E-02	—	pCi/L	U	U	168163	GU06070G05R301	GELC
R-5	2512	718.6	05/03/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0681	4.47E-03	4.10E-02	—	pCi/L	—	J	136031	GU0504G05R301	GELC
R-5	2512	718.6	08/27/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.566	1.53E-02	3.50E-02	—	pCi/L	—	—	08-1794	CAPU-08-14803	GELC
R-5	2512	718.6	07/17/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.62	1.86E-02	5.08E-02	—	pCi/L	—	—	190027	GF07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.539	1.70E-02	6.33E-02	—	pCi/L	—	—	168163	GF06070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.518	2.27E-02	9.40E-02	—	pCi/L	—	—	09-2726	CAPU-09-11252	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.558	1.57E-02	3.80E-02	—	pCi/L	—	—	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.639	1.76E-02	4.21E-02	—	pCi/L	—	—	190027	GU07070G05R301	GELC
R-5	2512	718.6	07/26/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.556	1.60E-02	4.95E-02	—	pCi/L	—	—	168163	GU06070G05R301	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-5	2512	718.6	05/03/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.657	1.64E-02	4.70E-02	—	pCi/L	—	—	136031	GU0504G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Acetone	—	4.22	—	—	3.50E+00	ug/L	J	J	09-2726	CAPU-09-11251	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.30E+00	ug/L	U	UJ	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.25E+00	ug/L	U	—	190027	GU07070G05R301	GELC
R-5	2512	718.6	07/22/09	WG	UF	CS	EQB	Voa	SW-846:8260B	Chloroform	—	0.43	—	—	2.50E-01	ug/L	J	J	09-2717	CAPU-09-11250	GELC
R-5	2512	718.6	08/27/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	U	08-1794	CAPU-08-14801	GELC
R-5	2512	718.6	07/17/07	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	—	190027	GU07070G05R301	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	116	—	—	7.30E-01	mg/L	—	—	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	119	—	—	7.30E-01	mg/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	117	—	—	7.30E-01	mg/L	—	—	08-1777	CAPU-08-16499	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	117	—	—	7.30E-01	mg/L	—	—	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.019	—	—	1.60E-02	mg/L	J	J-	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.5	—	—	5.00E-02	mg/L	—	—	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.8	—	—	3.00E-02	mg/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26	—	—	3.00E-02	mg/L	—	—	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.1	—	—	5.00E-02	mg/L	—	—	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	01/12/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.9	—	—	3.00E-02	mg/L	—	—	09-617	CAPU-09-1805	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.7	—	—	3.00E-02	mg/L	—	—	08-1777	CAPU-08-14851	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.1	—	—	3.60E-02	mg/L	—	—	136031	GU0504G05R401	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.02	—	—	6.60E-02	mg/L	—	—	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.53	—	—	6.60E-02	mg/L	—	J+	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.1	—	—	6.60E-02	mg/L	—	—	08-1777	CAPU-08-16499	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.501	—	—	3.30E-02	mg/L	—	—	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.348	—	—	3.30E-02	mg/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.296	—	—	3.30E-02	mg/L	—	—	08-1777	CAPU-08-16499	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	83.4	—	—	3.50E-01	mg/L	—	—	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	88.2	—	—	3.50E-01	mg/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	86.3	—	—	3.50E-01	mg/L	—	—	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	85.9	—	—	3.50E-01	mg/L	—	—	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	01/12/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	88.1	—	—	3.50E-01	mg/L	—	—	09-617	CAPU-09-1805	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	88.7	—	—	3.50E-01	mg/L	—	—	08-1777	CAPU-08-14851	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	86.8	—	—	8.50E-02	mg/L	—	—	136031	GU0504G05R401	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.81	—	—	8.50E-02	mg/L	—	—	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.16	—	—	8.50E-02	mg/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.17	—	—	8.50E-02	mg/L	—	—	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.04	—	—	8.50E-02	mg/L	—	—	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	01/12/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.09	—	—	8.50E-02	mg/L	—	—	09-617	CAPU-09-1805	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.37	—	—	8.50E-02	mg/L	—	—	08-1777	CAPU-08-14851	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.61	—	—	8.50E-02	mg/L	—	—	136031	GU0504G05R401	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0898	—	—	1.00E-02	mg/L	—	—	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.273	—	—	5.00E-02	mg/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0901	—	—	1.00E-02	mg/L	—	J	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.293	—	—	5.00E-02	ug/L	—	—	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.272	—	—	5.00E-02	ug/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.279	—	—	5.00E-02	ug/L	—	—	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.279	—	—	5.00E-02	ug/L	—	—	08-1777	CAPU-08-16499	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.4	—	—	5.00E-02	mg/L	—	—	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.66	—	—	5.00E-02	mg/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.54	—	—	5.00E-02	mg/L	—	—	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.54	—	—	5.00E-02	mg/L	—	—	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	01/12/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.68	—	—	5.00E-02	mg/L	—	—	09-617	CAPU-09-1805	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.65	—	—	5.00E-02	mg/L	—	—	08-1777	CAPU-08-14851	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.97	—	—	5.00E-02	mg/L	—	—	136031	GU0504G05R401	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.8	—	—	1.00E-01	mg/L	*	J	09-2726	CAPU-09-11253	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-5	2552	860.9	01/12/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.4	—	—	4.50E-02	mg/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.1	—	—	4.50E-02	mg/L	—	—	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.3	—	—	1.00E-01	mg/L	*	J	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	01/12/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.6	—	—	4.50E-02	mg/L	—	—	09-617	CAPU-09-1805	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.6	—	—	4.50E-02	mg/L	—	—	08-1777	CAPU-08-14851	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.4	—	—	4.50E-02	mg/L	—	—	136031	GU0504G05R401	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	252	—	—	1.00E+00	uS/cm	—	—	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	256	—	—	1.00E+00	uS/cm	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	253	—	—	1.00E+00	uS/cm	—	—	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	253	—	—	1.00E+00	uS/cm	—	—	08-1777	CAPU-08-16499	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.79	—	—	1.00E-01	mg/L	—	—	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.26	—	—	1.00E-01	mg/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.85	—	—	1.00E-01	mg/L	—	—	08-1777	CAPU-08-16499	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	193	—	—	2.40E+00	mg/L	—	—	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	193	—	—	2.40E+00	mg/L	—	J	09-617	CAPU-09-11253	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	191	—	—	2.40E+00	mg/L	—	—	08-1777	CAPU-08-16499	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	191	—	—	2.40E+00	mg/L	—	—	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	09/30/04	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.069	—	—	4.40E-02	mg/L	J	—	122723	GF0409G05R401	GELC
R-5	2552	860.9	09/30/04	WG	F	DUP	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.122	—	—	4.40E-02	mg/L	J	—	122723	GF0409G05R401	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.038	—	—	3.30E-02	mg/L	J	J-	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	01/12/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.045	—	—	2.90E-02	mg/L	J	U	09-617	CAPU-09-1805	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	UJ	08-1776	CAPU-08-14851	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.01	—	—	1.00E-02	mg/L	U	UJ	136031	GU0504G05R401	GELC
R-5	2552	860.9	09/30/04	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.246	—	—	4.40E-02	mg/L	—	—	122723	GU0409G05R401	GELC
R-5	2552	860.9	09/30/04	WG	UF	DUP	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.244	—	—	4.40E-02	mg/L	—	—	122723	GU0409G05R401	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.859	—	—	3.30E-01	mg/L	J	J	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	01/12/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.444	—	—	3.30E-01	mg/L	J	J	09-617	CAPU-09-1805	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	08-1776	CAPU-08-14851	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.822	—	—	7.40E-02	mg/L	—	J-	136031	GU0504G05R401	GELC
R-5	2552	860.9	09/30/04	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.808	—	—	2.50E-02	mg/L	—	J-	122723	GU0409G05R401	GELC
R-5	2552	860.9	09/30/04	WG	UF	DUP	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.802	—	—	2.50E-02	mg/L	—	—	122501	GU0409G05R401	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.067	—	—	1.50E-02	mg/L	—	—	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.052	—	—	2.40E-02	mg/L	—	U	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.05	—	—	2.40E-02	mg/L	U	U	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.91	—	—	1.00E-02	SU	H	J-	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	1.00E-02	SU	H	J-	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.88	—	—	1.00E-02	SU	H	J-	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.88	—	—	1.00E-02	SU	H	J-	08-1777	CAPU-08-16499	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	118	—	—	1.00E+00	ug/L	—	—	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	117	—	—	1.00E+00	ug/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	119	—	—	1.00E+00	ug/L	—	—	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	120	—	—	1.00E+00	ug/L	—	—	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	01/12/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	116	—	—	1.00E+00	ug/L	—	—	09-617	CAPU-09-1805	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	120	—	—	1.00E+00	ug/L	—	—	08-1777	CAPU-08-14851	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	144	—	—	1.00E+00	ug/L	—	—	136031	GU0504G05R401	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	44.7	—	—	1.50E+01	ug/L	J	J	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	35.6	—	—	1.00E+01	ug/L	J	J	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	40.4	—	—	1.00E+01	ug/L	J	J	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	45.4	—	—	1.50E+01	ug/L	J	J	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	01/12/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	37.4	—	—	1.00E+01	ug/L	J	J	09-617	CAPU-09-1805	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	39.4	—	—	1.00E+01	ug/L	J	J	08-1777	CAPU-08-14851	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	42.7	—	—	1.00E+01	ug/L	J	—	136031	GU0504G05R401	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.45	—	—	2.50E+00	ug/L	J	J	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3.4	—	—	1.50E+00	ug/L	—	U	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.3	—	—	1.50E+00	ug/L	J	J	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.65	—	—	2.50E+00	ug/L	J	J	09-2726	CAPU-09-11255	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-5	2552	860.9	01/12/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3.5	—	—	1.50E+00	ug/L	—	U	09-617	CAPU-09-1805	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.2	—	—	1.50E+00	ug/L	—	—	08-1777	CAPU-08-14851	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	<	1	—	—	1.00E+00	ug/L	U	—	136031	GU0504G05R401	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	22.7	—	—	2.00E+00	ug/L	—	—	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11.4	—	—	2.00E+00	ug/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	27.4	—	—	2.00E+00	ug/L	—	—	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	22.2	—	—	2.00E+00	ug/L	—	—	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	01/12/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10.4	—	—	2.00E+00	ug/L	—	—	09-617	CAPU-09-1805	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	16.7	—	—	2.00E+00	ug/L	—	—	08-1777	CAPU-08-14851	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Metals	SW-846:6020	Manganese	—	110	—	—	1.00E+00	ug/L	—	—	136031	GU0504G05R401	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.86	—	—	1.00E-01	ug/L	—	—	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.8	—	—	1.00E-01	ug/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.1	—	—	1.00E-01	ug/L	—	J	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.67	—	—	1.00E-01	ug/L	—	—	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	01/12/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.9	—	—	1.00E-01	ug/L	—	—	09-617	CAPU-09-1805	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.2	—	—	1.00E-01	ug/L	—	J	08-1777	CAPU-08-14851	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.9	—	—	1.00E-01	ug/L	—	—	136031	GU0504G05R401	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.86	—	—	5.00E-01	ug/L	J	J	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	5.00E-01	ug/L	J	J	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.5	—	—	5.00E-01	ug/L	—	—	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.79	—	—	5.00E-01	ug/L	—	—	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	01/12/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2	—	—	5.00E-01	ug/L	—	—	09-617	CAPU-09-1805	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.9	—	—	5.00E-01	ug/L	—	—	08-1777	CAPU-08-14851	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	<	5.5	—	—	1.00E+00	ug/L	—	U	136031	GU0504G05R401	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.9	—	—	5.30E-02	mg/L	—	—	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.4	—	—	3.20E-02	mg/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.5	—	—	3.20E-02	mg/L	—	—	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	192	—	—	1.00E+00	ug/L	*	J	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	201	—	—	1.00E+00	ug/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	194	—	—	1.00E+00	ug/L	—	—	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	198	—	—	1.00E+00	ug/L	*	J	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	01/12/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	202	—	—	1.00E+00	ug/L	—	—	09-617	CAPU-09-1805	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	200	—	—	1.00E+00	ug/L	—	—	08-1777	CAPU-08-14851	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	213	—	—	1.00E+00	ug/L	—	—	136031	GU0504G05R401	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.88	—	—	5.00E-02	ug/L	—	J	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	5.00E-02	ug/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	ug/L	—	—	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	09/30/04	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	2.00E-02	ug/L	—	—	122723	GF0409G05R401	GELC
R-5	2552	860.9	09/30/04	WG	F	DUP	—	Metals	SW-846:6020	Uranium	—	1.66	—	—	2.00E-02	ug/L	—	—	122723	GF0409G05R401	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.91	—	—	5.00E-02	ug/L	—	J	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	01/12/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	5.00E-02	ug/L	—	—	09-617	CAPU-09-1805	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	5.00E-02	ug/L	—	—	08-1777	CAPU-08-14851	GELC
R-5	2552	860.9	09/30/04	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	2.00E-02	ug/L	—	—	122723	GU0409G05R401	GELC
R-5	2552	860.9	09/30/04	WG	UF	DUP	—	Metals	SW-846:6020	Uranium	—	1.57	—	—	2.00E-02	ug/L	—	—	122723	GU0409G05R401	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.88	—	—	1.00E+00	ug/L	—	—	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.4	—	—	1.00E+00	ug/L	—	—	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	9	—	—	1.00E+00	ug/L	—	U	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.31	—	—	1.00E+00	ug/L	—	—	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	01/12/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.6	—	—	1.00E+00	ug/L	—	—	09-617	CAPU-09-1805	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	9.7	—	—	1.00E+00	ug/L	—	U	08-1777	CAPU-08-14851	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.4	—	—	1.00E+00	ug/L	J	—	136031	GU0504G05R401	GELC
R-5	2552	860.9	07/23/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.15	—	—	3.30E+00	ug/L	J	J	09-2726	CAPU-09-11253	GELC
R-5	2552	860.9	01/12/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.5	—	—	2.00E+00	ug/L	J	J	09-617	CAPU-09-1807	GELC
R-5	2552	860.9	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.3	—	—	2.00E+00	ug/L	J	J	08-1777	CAPU-08-14853	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.2	—	—	3.30E+00	ug/L	—	—	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	01/12/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.2	—	—	2.00E+00	ug/L	J	J	09-617	CAPU-09-1805	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.3	—	—	2.00E+00	ug/L	—	—	08-1777	CAPU-08-14851	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.6	—	—	2.00E+00	ug/L	J	—	136031	GU0504G05R401	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0071	1.40E-03	4.30E-02	—	pCi/L	U	U	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0191	2.38E-03	3.40E-02	—	pCi/L	U	U	136031	GU0504G05R401	GELC
R-5	2552	860.9	09/30/04	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	8.94	2.52E+00	1.95E+01	—	pCi/L	U	U	122723	GU0409G05R401	GELC
R-5	2552	860.9	09/30/04	WG	UF	CS	—	Rad	Alpha Spec	Americium-241	<	6.17E-10	2.11E-03	4.10E-02	—	pCi/L	U	U	122723	GU0409G05R401	GELC
R-5	2552	860.9	05/04/04	WG	UF	CS	—	Rad	Alpha Spec	Americium-241	<	0.0106	3.73E-03	4.70E-02	—	pCi/L	U	U	112313	GU0404G05R401	GELC
R-5	2552	860.9	05/03/04	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-1.53	1.52E+00	1.54E+01	—	pCi/L	U	U	112313	GU0404G05R401-A	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.718	5.33E-01	5.30E+00	—	pCi/L	U	U	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.312	4.13E-01	4.58E+00	—	pCi/L	U	U	136031	GU0504G05R401	GELC
R-5	2552	860.9	09/30/04	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.998	4.07E-01	4.13E+00	—	pCi/L	U	U	122723	GU0409G05R401	GELC
R-5	2552	860.9	05/03/04	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	—	9.47	5.37E-01	3.29E+00	—	pCi/L	—	J	112313	GU0404G05R401-A	GELC
R-5	2552	860.9	02/19/04	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.81	3.27E-01	3.19E+00	—	pCi/L	U	U	107630	GU0402G05R401	GELC
R-5	2552	860.9	02/19/04	WG	UF	DUP	—	Rad	EPA:901.1	Cesium-137	<	1.1	1.13E+00	4.58E+00	—	pCi/L	U	—	107630	GU0402G05R401	GELC
R-5	2552	860.9	11/14/01	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.556999981	1.93E-01	2.10E+00	—	pCi/L	U	U	243S	GW05-01-0031	GEL
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.451	5.00E-01	5.10E+00	—	pCi/L	U	U	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0419	4.33E-01	4.93E+00	—	pCi/L	U	U	136031	GU0504G05R401	GELC
R-5	2552	860.9	09/30/04	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.698	4.37E-01	4.57E+00	—	pCi/L	U	U	122723	GU0409G05R401	GELC
R-5	2552	860.9	11/15/01	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.72299999	2.20E-01	2.30E+00	—	pCi/L	U	U	243S	GW05-01-0030	GEL
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.48	4.00E-01	3.40E+00	—	pCi/L	U	U	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	11/15/01	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.947000027	1.10E-01	8.90E-01	—	pCi/L	—	U	243S	GW05-01-0030	GEL
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.97	4.33E-01	3.60E+00	—	pCi/L	—	—	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.32	2.54E-01	2.75E+00	—	pCi/L	—	J	136031	GU0504G05R401	GELC
R-5	2552	860.9	11/15/01	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.760000229	1.63E-01	1.10E+00	—	pCi/L	—	—	243S	GW05-01-0030	GEL
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	29.2	4.00E+00	3.50E+01	—	pCi/L	U	U	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	63.6	2.23E+01	3.01E+02	—	pCi/L	U	U	136031	GU0504G05R401	GELC
R-5	2552	860.9	05/04/04	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	102	6.23E+01	3.32E+02	—	pCi/L	U	U	112313	GU0404G05R401	GELC
R-5	2552	860.9	11/15/01	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	52.79999924	4.33E-01	1.80E+02	—	pCi/L	U	U	243S	GW05-01-0030	GEL
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.37	4.00E+00	3.50E+01	—	pCi/L	U	U	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.25	1.79E+00	1.65E+01	—	pCi/L	U	U	136031	GU0504G05R401	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00499	1.17E-03	4.00E-02	—	pCi/L	U	U	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00212	1.58E-03	4.40E-02	—	pCi/L	U	U	136031	GU0504G05R401	GELC
R-5	2552	860.9	09/30/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-238	<	0.0189	3.53E-03	3.70E-02	—	pCi/L	U	U	122723	GU0409G05R401	GELC
R-5	2552	860.9	05/04/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-238	<	-0.00599	3.16E-03	4.60E-02	—	pCi/L	U	U	112313	GU0404G05R401	GELC
R-5	2552	860.9	02/19/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-238	<	-0.00368	3.25E-03	5.10E-02	—	pCi/L	U	U	107630	GU0402G05R401	GELC
R-5	2552	860.9	02/19/04	WG	UF	DUP	—	Rad	Alpha Spec	Plutonium-238	<	-0.00291	3.50E-03	4.00E-02	—	pCi/L	U	—	107630	GU0402G05R401	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	5.95E-10	2.03E-03	4.90E-02	—	pCi/L	U	U	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	1.26E-10	9.97E-04	3.70E-02	—	pCi/L	U	U	136031	GU0504G05R401	GELC
R-5	2552	860.9	09/30/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-239/240	<	0.00944	1.93E-03	3.80E-02	—	pCi/L	U	U	122723	GU0409G05R401	GELC
R-5	2552	860.9	05/04/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-239/240	<	0.00299	2.64E-03	4.80E-02	—	pCi/L	U	U	112313	GU0404G05R401	GELC
R-5	2552	860.9	02/19/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-239/240	<	0	1.73E-03	4.50E-02	—	pCi/L	U	U	107630	GU0402G05R401	GELC
R-5	2552	860.9	02/19/04	WG	UF	DUP	—	Rad	Alpha Spec	Plutonium-239/240	<	0.00291	1.68E-03	3.60E-02	—	pCi/L	U	—	107630	GU0402G05R401	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0.87	5.67E+00	6.10E+01	—	pCi/L	U	U	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	21.4	4.13E+00	5.21E+01	—	pCi/L	U	U	136031	GU0504G05R401	GELC
R-5	2552	860.9	09/30/04	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	33.3	1.07E+01	4.28E+01	—	pCi/L	U	U	122723	GU0409G05R401	GELC
R-5	2552	860.9	05/03/04	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	66.3	4.43E+00	5.32E+01	—	pCi/L	UI	R	112313	GU0404G05R401-A	GELC
R-5	2552	860.9	02/19/04	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.71	8.87E+00	3.42E+01	—	pCi/L	U	U	107630	GU0402G05R401	GELC
R-5	2552	860.9	02/19/04	WG	UF	DUP	—	Rad	EPA:901.1	Potassium-40	<	59	6.17E+00	7.65E+01	—	pCi/L	U	—	107630	GU0402G05R401	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.299	5.67E-02	5.40E-01	—	pCi/L	U	U	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.272	5.67E-02	5.50E-01	—	pCi/L	U	U	08-1778	CAPU-08-14851	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.348	5.50E-02	5.03E-01	—	pCi/L	U	U	136031	GU0504G05R401	GELC
R-5	2552	860.9	09/30/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	4.19	1.77E+00	8.00E+00	—	pCi/L	U	U	122723	GU0409G05R401	GELC
R-5	2552	860.9	05/03/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	3.66	1.41E+00	8.79E+00	—	pCi/L	U	U	112313	GU0404G05R401-A	GELC
R-5	2552	860.9	11/14/01	WG	F	CS	—	Rad	EPA:901.1	Radium-228	<	6.8	1.13E+00	9.19E+00	—	pCi/L	U	U	243S	GW05-01-0031	GEL
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.22	1.00E-01	8.00E-01	—	pCi/L	—	—	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.07	8.00E-02	4.90E-01	—	pCi/L	—	—	08-1778	CAPU-08-14851	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-5	2552	860.9	11/15/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	6.1	9.07E-01	1.01E+01	—	pCi/L	U	U	243S	GW05-01-0030	GEL
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.431	4.33E-01	4.60E+00	—	pCi/L	U	U	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.74	3.37E-01	4.61E+00	—	pCi/L	U	U	136031	GU0504G05R401	GELC
R-5	2552	860.9	09/30/04	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.676	4.07E-01	4.47E+00	—	pCi/L	U	U	122723	GU0409G05R401	GELC
R-5	2552	860.9	05/03/04	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.569	3.26E-01	3.38E+00	—	pCi/L	U	U	112313	GU0404G05R401-A	GELC
R-5	2552	860.9	02/19/04	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	5.25	3.60E-01	3.60E+00	—	pCi/L	UI	R	107630	GU0402G05R401	GELC
R-5	2552	860.9	02/19/04	WG	UF	DUP	—	Rad	EPA:901.1	Sodium-22	<	1.88	4.63E-01	5.58E+00	—	pCi/L	U	—	107630	GU0402G05R401	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0848	4.67E-02	4.80E-01	—	pCi/L	U	U	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0585	1.91E-02	2.49E-01	—	pCi/L	—	U	136031	GU0504G05R401	GELC
R-5	2552	860.9	09/30/04	WG	UF	CS	—	Rad	GFPC	Strontium-90	<	0.173	2.03E-02	2.11E-01	—	pCi/L	U	U	122723	GU0409G05R401	GELC
R-5	2552	860.9	05/04/04	WG	UF	CS	—	Rad	GFPC	Strontium-90	<	-0.172	2.66E-02	3.00E-01	—	pCi/L	U	U	112313	GU0404G05R401	GELC
R-5	2552	860.9	05/04/04	WG	UF	DUP	—	Rad	GFPC	Strontium-90	<	-0.0257	2.68E-02	2.72E-01	—	pCi/L	U	—	112313	GU0404G05R401	GELC
R-5	2552	860.9	02/19/04	WG	UF	CS	—	Rad	GFPC	Strontium-90	<	0.0936	2.10E-02	2.49E-01	—	pCi/L	U	U	107630	GU0402G05R401	GELC
R-5	2552	860.9	02/19/04	WG	UF	DUP	—	Rad	GFPC	Strontium-90	<	-0.0341	2.09E-02	2.85E-01	—	pCi/L	U	—	106980	GU0402G05R401	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.21	4.33E-02	2.10E-01	—	pCi/L	—	—	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.11	2.56E-02	7.90E-02	—	pCi/L	—	—	136031	GU0504G05R401	GELC
R-5	2552	860.9	09/30/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-234	—	1.05	2.31E-02	6.20E-02	—	pCi/L	—	—	122723	GU0409G05R401	GELC
R-5	2552	860.9	05/04/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-234	—	1.22	3.23E-02	8.70E-02	—	pCi/L	—	—	112313	GU0404G05R401	GELC
R-5	2552	860.9	02/19/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-234	—	0.542	1.96E-02	8.00E-02	—	pCi/L	—	—	107630	GU0402G05R401	GELC
R-5	2552	860.9	02/19/04	WG	UF	DUP	—	Rad	Alpha Spec	Uranium-234	—	0.63	2.36E-02	1.06E-01	—	pCi/L	—	—	107956	GU0402G05R401	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0114	5.00E-03	1.00E-01	—	pCi/L	U	U	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.102	6.07E-03	4.80E-02	—	pCi/L	—	J	136031	GU0504G05R401	GELC
R-5	2552	860.9	09/30/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-235/236	<	0.0326	3.03E-03	4.00E-02	—	pCi/L	U	U	122723	GU0409G05R401	GELC
R-5	2552	860.9	05/04/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-235/236	—	0.0975	6.50E-03	5.30E-02	—	pCi/L	—	J	112313	GU0404G05R401	GELC
R-5	2552	860.9	02/19/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-235/236	<	0.0381	5.37E-03	4.60E-02	—	pCi/L	U	U	107630	GU0402G05R401	GELC
R-5	2552	860.9	02/19/04	WG	UF	DUP	—	Rad	Alpha Spec	Uranium-235/236	<	0.0415	4.70E-03	6.10E-02	—	pCi/L	U	—	107630	GU0402G05R401	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.536	2.37E-02	1.00E-01	—	pCi/L	—	—	09-2726	CAPU-09-11255	GELC
R-5	2552	860.9	05/04/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.478	1.42E-02	5.60E-02	—	pCi/L	—	—	136031	GU0504G05R401	GELC
R-5	2552	860.9	09/30/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-238	—	0.561	1.45E-02	4.40E-02	—	pCi/L	—	—	122723	GU0409G05R401	GELC
R-5	2552	860.9	05/04/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-238	—	0.7	2.09E-02	6.20E-02	—	pCi/L	—	—	112313	GU0404G05R401	GELC
R-5	2552	860.9	02/19/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-238	—	0.269	1.21E-02	5.10E-02	—	pCi/L	—	—	107630	GU0402G05R401	GELC
R-5	2552	860.9	02/19/04	WG	UF	DUP	—	Rad	Alpha Spec	Uranium-238	—	0.345	1.58E-02	6.80E-02	—	pCi/L	—	—	107630	GU0402G05R401	GELC
R-5	2552	860.9	07/23/09	WG	UF	CS	EQB	Voa	SW-846:8260B	Acetone	—	3.73	—	—	3.50E+00	ug/L	J	J	09-2726	CAPU-09-11254	GELC
R-5	2552	860.9	01/12/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.50E+00	ug/L	U	UJ	09-617	CAPU-09-1805	GELC
R-5	2552	860.9	08/26/08	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.30E+00	ug/L	U	UJ	08-1776	CAPU-08-14851	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	1.04	—	—	7.30E-01	mg/L	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	01/20/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1	—	—	7.30E-01	mg/L	U	U	09-682	CALA-09-1760	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	2.15	—	—	7.30E-01	mg/L	—	—	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	1.4	—	—	7.25E-01	mg/L	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	1.61	—	—	7.25E-01	mg/L	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.7	—	—	7.30E-01	mg/L	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	01/20/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.8	—	—	7.30E-01	mg/L	—	—	09-682	CALA-09-1760	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.3	—	—	7.30E-01	mg/L	—	—	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.8	—	—	7.25E-01	mg/L	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	79.8	—	—	7.25E-01	mg/L	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.032	—	—	1.60E-02	mg/L	J	J-	09-2640	CALA-09-11163	GELC
R-6	5871	1205	01/20/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	09-682	CALA-09-1760	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.4	—	—	5.00E-02	mg/L	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.1	—	—	3.00E-02	mg/L	—	—	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	3.00E-02	mg/L	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	3.60E-02	mg/L	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.2	—	—	3.60E-02	mg/L	—	—	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.4	—	—	5.00E-02	mg/L	—	—	09-2640	CALA-09-11164	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-6	5871	1205	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.1	—	—	3.00E-02	mg/L	—	—	08-1797	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	3.00E-02	mg/L	—	—	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.1	—	—	3.60E-02	mg/L	—	—	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	3.60E-02	mg/L	—	—	168072	GU060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.09	—	—	6.60E-02	mg/L	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	01/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.06	—	—	6.60E-02	mg/L	—	J+	09-682	CALA-09-1760	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.94	—	—	6.60E-02	mg/L	—	—	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.09	—	—	6.60E-02	mg/L	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.24	—	—	6.60E-02	mg/L	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.428	—	—	3.30E-02	mg/L	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	01/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.451	—	—	3.30E-02	mg/L	—	—	09-682	CALA-09-1760	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.45	—	—	3.30E-02	mg/L	—	—	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.428	—	—	3.30E-02	mg/L	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.384	—	—	3.30E-02	mg/L	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.1	—	—	3.50E-01	mg/L	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	51.8	—	—	3.50E-01	mg/L	—	—	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.1	—	—	4.25E-01	mg/L	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.8	—	—	4.40E-01	mg/L	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.2	—	—	8.50E-02	mg/L	—	—	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.1	—	—	3.50E-01	mg/L	—	—	09-2640	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	51	—	—	3.50E-01	mg/L	—	—	08-1797	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.3	—	—	4.25E-01	mg/L	—	—	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.1	—	—	4.40E-01	mg/L	—	—	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.3	—	—	8.50E-02	mg/L	—	—	168072	GU060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.91	—	—	8.50E-02	mg/L	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.99	—	—	8.50E-02	mg/L	—	—	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.33	—	—	8.50E-02	mg/L	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.47	—	—	8.50E-02	mg/L	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.47	—	—	8.50E-02	mg/L	—	—	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.93	—	—	8.50E-02	mg/L	—	—	09-2640	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.84	—	—	8.50E-02	mg/L	—	—	08-1797	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.34	—	—	8.50E-02	mg/L	—	—	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.46	—	—	8.50E-02	mg/L	—	—	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.35	—	—	8.50E-02	mg/L	—	—	168072	GU060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.355	—	—	5.00E-02	ug/L	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	01/20/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.322	—	—	5.00E-02	ug/L	—	—	09-682	CALA-09-1760	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.373	—	—	5.00E-02	ug/L	—	—	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	189841	GF070700G06R01	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.349	—	—	5.00E-02	ug/L	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	184266	GF070400G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.345	—	—	5.00E-02	ug/L	—	J	184266	GF070400G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.24	—	—	5.00E-02	mg/L	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.26	—	—	5.00E-02	mg/L	—	—	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.19	—	—	5.00E-02	mg/L	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.4	—	—	5.00E-02	mg/L	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.25	—	—	5.00E-02	mg/L	—	—	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.25	—	—	5.00E-02	mg/L	—	—	09-2640	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.31	—	—	5.00E-02	mg/L	—	—	08-1797	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.2	—	—	5.00E-02	mg/L	—	—	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.34	—	—	5.00E-02	mg/L	—	—	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.21	—	—	5.00E-02	mg/L	—	—	168072	GU060700G06R01	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.5	—	—	3.20E-02	mg/L	—	J	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	77.5	—	—	3.20E-02	mg/L	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.7	—	—	1.00E-01	mg/L	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	4.50E-02	mg/L	—	—	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.4	—	—	4.50E-02	mg/L	—	—	189841	GF070700G06R01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-6	5871	1205	04/12/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.8	—	—	4.50E-02	mg/L	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.6	—	—	4.50E-02	mg/L	—	—	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	1.00E-01	mg/L	—	—	09-2640	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	4.50E-02	mg/L	—	—	08-1797	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.7	—	—	4.50E-02	mg/L	—	—	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16	—	—	4.50E-02	mg/L	—	J	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	4.50E-02	mg/L	—	—	168072	GU060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	144	—	—	1.00E+00	uS/cm	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	01/20/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	143	—	—	1.00E+00	uS/cm	—	—	09-682	CALA-09-1760	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	144	—	—	1.00E+00	uS/cm	—	—	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	152	—	—	1.00E+00	uS/cm	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.43	—	—	1.00E-01	mg/L	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	01/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.51	—	—	1.00E-01	mg/L	—	—	09-682	CALA-09-1760	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.42	—	—	1.00E-01	mg/L	—	J-	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.71	—	—	1.00E-01	mg/L	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.6	—	—	1.00E-01	mg/L	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	157	—	—	2.40E+00	mg/L	—	J	09-2640	CALA-09-11163	GELC
R-6	5871	1205	01/20/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.40E+00	mg/L	—	—	09-682	CALA-09-1760	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.40E+00	mg/L	—	—	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	176	—	—	2.38E+00	mg/L	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	140	—	—	2.38E+00	mg/L	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.135	—	—	1.50E-02	mg/L	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	01/20/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.0854	—	—	2.40E-02	mg/L	—	—	09-682	CALA-09-1760	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.05	—	—	2.40E-02	mg/L	U	U	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.043	—	—	2.40E-02	mg/L	J	U	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.042	—	—	2.40E-02	mg/L	J	U	184266	GF070400G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.45	—	—	1.00E-02	SU	H	J-	09-2640	CALA-09-11163	GELC
R-6	5871	1205	01/20/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.19	—	—	1.00E-02	SU	H	J-	09-682	CALA-09-1760	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.22	—	—	1.00E-02	SU	H	J-	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.02	—	—	1.00E-02	SU	H	J	189841	GF070700G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.67	—	—	1.50E+00	ug/L	J	J	09-2640	CALA-09-11163	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.8	—	—	1.50E+00	ug/L	J	J	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.50E+00	ug/L	U	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	4.2	—	—	1.50E+00	ug/L	J	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.03	—	—	1.50E+00	ug/L	J	J	09-2640	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.7	—	—	1.50E+00	ug/L	J	J	08-1797	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.1	—	—	1.50E+00	ug/L	J	—	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.8	—	—	1.50E+00	ug/L	J	—	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	168072	GU060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20	—	—	1.00E+00	ug/L	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20	—	—	1.00E+00	ug/L	—	—	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.7	—	—	1.00E+00	ug/L	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21.3	—	—	1.00E+00	ug/L	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	21.6	—	—	1.00E+00	ug/L	—	—	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.9	—	—	1.00E+00	ug/L	—	—	09-2640	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.4	—	—	1.00E+00	ug/L	—	—	08-1797	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21	—	—	1.00E+00	ug/L	—	—	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21.8	—	—	1.00E+00	ug/L	—	—	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21.5	—	—	1.00E+00	ug/L	—	—	168072	GU060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.4	—	—	1.50E+01	ug/L	J	J	09-2640	CALA-09-11163	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.9	—	—	1.00E+01	ug/L	J	J	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	26.9	—	—	1.00E+01	ug/L	J	U	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.2	—	—	1.00E+01	ug/L	J	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	24.3	—	—	1.00E+01	ug/L	J	—	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.9	—	—	1.50E+01	ug/L	J	J	09-2640	CALA-09-11164	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-6	5871	1205	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.7	—	—	1.00E+01	ug/L	J	J	08-1797	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	25.8	—	—	1.00E+01	ug/L	J	U	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21.8	—	—	1.00E+01	ug/L	J	—	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	23.1	—	—	1.00E+01	ug/L	J	—	168072	GU060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.75	—	—	2.50E+00	ug/L	J	J	09-2640	CALA-09-11163	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	8.5	—	—	1.50E+00	ug/L	—	U	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	1.00E+00	ug/L	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.1	—	—	1.00E+00	ug/L	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	6.4	—	—	1.00E+00	ug/L	—	—	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.29	—	—	2.50E+00	ug/L	J	J	09-2640	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	8.2	—	—	1.50E+00	ug/L	—	U	08-1797	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.3	—	—	1.00E+00	ug/L	—	—	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.8	—	—	1.00E+00	ug/L	—	—	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7	—	—	1.00E+00	ug/L	—	—	168072	GU060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.64	—	—	1.00E-01	ug/L	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.5	—	—	1.00E-01	ug/L	—	U	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.5	—	—	2.00E+00	ug/L	J	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.2	—	—	2.00E+00	ug/L	J	U	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3	—	—	2.00E+00	ug/L	J	—	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.68	—	—	1.00E-01	ug/L	—	—	09-2640	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.5	—	—	1.00E-01	ug/L	—	U	08-1797	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.1	—	—	2.00E+00	ug/L	J	U	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2.00E+00	ug/L	J	—	168072	GU060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.551	—	—	5.00E-01	ug/L	J	J	09-2640	CALA-09-11163	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.64	—	—	5.00E-01	ug/L	J	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.93	—	—	5.00E-01	ug/L	J	—	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.541	—	—	5.00E-01	ug/L	J	J	09-2640	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1797	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.87	—	—	5.00E-01	ug/L	J	—	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.97	—	—	5.00E-01	ug/L	J	—	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	5.00E-01	ug/L	J	—	168072	GU060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	76.3	—	—	5.30E-02	mg/L	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	01/20/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.2	—	—	3.20E-02	mg/L	—	—	09-682	CALA-09-1760	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	75.5	—	—	3.20E-02	mg/L	—	—	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	64.9	—	—	1.00E+00	ug/L	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.5	—	—	1.00E+00	ug/L	—	—	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.9	—	—	1.00E+00	ug/L	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.3	—	—	1.00E+00	ug/L	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	54.5	—	—	1.00E+00	ug/L	—	—	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	63.4	—	—	1.00E+00	ug/L	—	—	09-2640	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.9	—	—	1.00E+00	ug/L	—	—	08-1797	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.3	—	—	1.00E+00	ug/L	—	—	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	53.8	—	—	1.00E+00	ug/L	—	—	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.7	—	—	1.00E+00	ug/L	—	—	168072	GU060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.439	—	—	5.00E-02	ug/L	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.41	—	—	5.00E-02	ug/L	—	U	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.45	—	—	5.00E-02	ug/L	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.39	—	—	5.00E-02	ug/L	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.54	—	—	5.00E-02	ug/L	—	—	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.441	—	—	5.00E-02	ug/L	—	—	09-2640	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.4	—	—	5.00E-02	ug/L	—	U	08-1797	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.41	—	—	5.00E-02	ug/L	—	—	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.4	—	—	5.00E-02	ug/L	—	—	184266	GU070400G06R01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-6	5871	1205	07/26/06	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.48	—	—	5.00E-02	ug/L	—	—	168072	GU060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.59	—	—	1.00E+00	ug/L	—	—	09-2640	CALA-09-11163	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	10.8	—	—	1.00E+00	ug/L	—	U	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.1	—	—	1.00E+00	ug/L	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.1	—	—	1.00E+00	ug/L	—	J+	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.8	—	—	1.00E+00	ug/L	—	J+	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.48	—	—	1.00E+00	ug/L	—	—	09-2640	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	11.3	—	—	1.00E+00	ug/L	—	U	08-1797	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.8	—	—	1.00E+00	ug/L	—	—	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.8	—	—	1.00E+00	ug/L	—	J+	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.3	—	—	1.00E+00	ug/L	—	J+	168072	GU060700G06R01	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	11.7	—	—	2.00E+00	ug/L	—	U	08-1797	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.4	—	—	2.00E+00	ug/L	J	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	6.4	—	—	2.00E+00	ug/L	J	U	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.11	—	—	3.30E+00	ug/L	J	J	09-2640	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	9	—	—	2.00E+00	ug/L	J	U	08-1797	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.3	—	—	2.00E+00	ug/L	J	—	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	8.1	—	—	2.00E+00	ug/L	J	—	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	26.1	—	—	2.00E+00	ug/L	—	U	168072	GU060700G06R01	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00372	1.00E-03	3.40E-02	—	pCi/L	U	U	08-1798	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00842	3.60E-03	5.07E-02	—	pCi/L	U	U	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00584	3.47E-03	6.59E-02	—	pCi/L	U	U	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00151	1.22E-03	2.52E-02	—	pCi/L	U	U	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00271	3.67E-03	7.20E-02	—	pCi/L	U	U	09-2641	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0114	1.33E-03	3.90E-02	—	pCi/L	U	U	08-1798	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00484	1.09E-03	4.52E-02	—	pCi/L	U	U	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00356	1.66E-03	5.46E-02	—	pCi/L	U	U	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0017	1.35E-03	2.06E-02	—	pCi/L	U	U	168072	GU060700G06R01	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.31	5.00E-01	4.50E+00	—	pCi/L	U	U	08-1798	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.91	4.67E-01	4.13E+00	—	pCi/L	U	U	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.3	3.40E-01	3.57E+00	—	pCi/L	U	U	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.763	3.77E-01	2.99E+00	—	pCi/L	U	U	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.248	4.00E-01	3.90E+00	—	pCi/L	U	U	09-2641	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.261	4.00E-01	3.80E+00	—	pCi/L	U	U	08-1798	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.54	3.27E-01	3.48E+00	—	pCi/L	U	U	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.708	3.43E-01	3.22E+00	—	pCi/L	U	U	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.608	3.70E-01	4.08E+00	—	pCi/L	U	U	168072	GU060700G06R01	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-3.35	5.67E-01	4.20E+00	—	pCi/L	U	U	08-1798	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.7	4.97E-01	4.09E+00	—	pCi/L	U	U	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.173	3.40E-01	3.37E+00	—	pCi/L	U	U	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.891	3.87E-01	2.99E+00	—	pCi/L	U	U	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.6	3.67E-01	4.20E+00	—	pCi/L	U	U	09-2641	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.29	4.33E-01	3.50E+00	—	pCi/L	U	U	08-1798	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.399	3.43E-01	3.33E+00	—	pCi/L	U	U	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.11	3.83E-01	4.34E+00	—	pCi/L	U	U	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.833	3.63E-01	4.25E+00	—	pCi/L	U	U	168072	GU060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.192	1.23E-01	1.50E+00	—	pCi/L	U	U	09-2641	CALA-09-11164	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.76	2.97E-01	2.85E+00	—	pCi/L	U	U	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.05	3.04E-01	2.92E+00	—	pCi/L	U	U	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.55	2.29E-01	2.68E+00	—	pCi/L	U	U	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.196	2.50E-01	2.60E+00	—	pCi/L	U	U	09-2641	CALA-09-11164	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.34	3.02E-01	2.79E+00	—	pCi/L	U	U	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.63	2.53E-01	2.44E+00	—	pCi/L	U	U	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.08	2.29E-01	2.77E+00	—	pCi/L	U	U	168072	GU060700G06R01	GELC
R-6	5871	1205	05/11/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.09	2.28E-01	2.56E+00	—	pCi/L	U	U	162882	GU060500G06R01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-6	5871	1205	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	7.38	2.03E+00	1.70E+01	—	pCi/L	U	U	08-1798	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	61.6	1.75E+01	2.05E+02	—	pCi/L	U	U	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	80.7	2.00E+01	2.20E+02	—	pCi/L	U	U	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	65.7	1.85E+01	1.98E+02	—	pCi/L	U	U	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	147	1.17E+01	8.10E+01	—	pCi/L	—	—	09-2641	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	6.94	1.63E+00	1.30E+01	—	pCi/L	U	U	08-1798	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	85	1.86E+01	2.08E+02	—	pCi/L	U	U	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	55.1	3.11E+01	2.15E+02	—	pCi/L	U	U	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	81.4	2.25E+01	2.85E+02	—	pCi/L	U	U	168072	GU060700G06R01	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.8	3.33E+00	3.30E+01	—	pCi/L	U	U	08-1798	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.58	2.18E+00	1.90E+01	—	pCi/L	U	U	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.07	3.03E+00	2.81E+01	—	pCi/L	U	U	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.68	4.07E+00	2.41E+01	—	pCi/L	U	U	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.43	2.93E+00	2.90E+01	—	pCi/L	U	U	09-2641	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8	3.30E+00	3.10E+01	—	pCi/L	U	U	08-1798	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.71	2.62E+00	2.28E+01	—	pCi/L	U	U	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.75	2.94E+00	2.55E+01	—	pCi/L	U	U	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.05	2.42E+00	2.50E+01	—	pCi/L	U	U	168072	GU060700G06R01	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	2.01E-09	3.67E-03	3.00E-02	—	pCi/L	U	U	08-1798	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00433	2.04E-03	3.03E-02	—	pCi/L	U	U	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0033	3.30E-03	3.38E-02	—	pCi/L	U	U	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00764	3.70E-03	2.45E-02	—	pCi/L	U	U	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	1.00E-03	4.80E-02	—	pCi/L	U	U	09-2641	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0152	2.97E-03	3.00E-02	—	pCi/L	U	U	08-1798	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00216	1.02E-03	3.03E-02	—	pCi/L	U	U	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00209	1.56E-03	2.14E-02	—	pCi/L	U	U	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00412	4.13E-03	1.98E-02	—	pCi/L	U	U	168072	GU060700G06R01	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0169	2.63E-03	3.60E-02	—	pCi/L	U	U	08-1798	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0217	3.24E-03	3.36E-02	—	pCi/L	U	U	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0231	3.97E-03	4.89E-02	—	pCi/L	U	U	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	3.40E-03	2.85E-02	—	pCi/L	U	U	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.003	1.00E-03	5.90E-02	—	pCi/L	U	U	09-2641	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0065	1.27E-03	3.70E-02	—	pCi/L	U	U	08-1798	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00216	1.61E-03	3.35E-02	—	pCi/L	U	U	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-9.97E-10	2.20E-03	3.10E-02	—	pCi/L	U	U	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00206	4.40E-03	2.30E-02	—	pCi/L	U	U	168072	GU060700G06R01	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-34.5	5.67E+00	5.50E+01	—	pCi/L	U	U	08-1798	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-6.36	5.73E+00	5.55E+01	—	pCi/L	U	U	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-0.128	4.63E+00	4.52E+01	—	pCi/L	U	U	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	21.9	5.00E+00	3.07E+01	—	pCi/L	U	U	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14	4.33E+00	4.80E+01	—	pCi/L	U	U	09-2641	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.11	4.33E+00	4.70E+01	—	pCi/L	U	U	08-1798	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	35.1	4.40E+00	1.94E+01	—	pCi/L	UI	R	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	30.6	5.67E+00	3.76E+01	—	pCi/L	U	U	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	11.8	5.63E+00	3.17E+01	—	pCi/L	U	U	168072	GU060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.41	5.67E-02	4.70E-01	—	pCi/L	U	U	09-2641	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.243	4.33E-02	3.80E-01	—	pCi/L	U	U	08-1798	CALA-08-13902	GELC
R-6	5871	1205	11/17/05	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	15.4	1.41E+00	8.80E+00	—	pCi/L	UI	R	150539	GU05110G06R01	GELC
R-6	5871	1205	08/23/05	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	8.83	9.80E-01	8.10E+00	—	pCi/L	UI	R	144067	GU05080G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.27	1.07E-01	7.70E-01	—	pCi/L	—	—	09-2641	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.156	4.33E-02	4.40E-01	—	pCi/L	U	U	08-1798	CALA-08-13902	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.539	3.67E-01	3.90E+00	—	pCi/L	U	U	08-1798	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.75	3.97E-01	4.34E+00	—	pCi/L	U	U	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.204	3.40E-01	3.26E+00	—	pCi/L	U	U	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.31	4.07E-01	3.76E+00	—	pCi/L	U	U	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.385	4.00E-01	3.90E+00	—	pCi/L	U	U	09-2641	CALA-09-11164	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-6	5871	1205	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.84	5.00E-01	3.80E+00	—	pCi/L	U	U	08-1798	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.215	3.43E-01	3.23E+00	—	pCi/L	U	U	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.623	4.57E-01	3.71E+00	—	pCi/L	U	U	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.74	3.40E-01	4.01E+00	—	pCi/L	U	U	168072	GU060700G06R01	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.169	4.67E-02	4.80E-01	—	pCi/L	U	U	08-1798	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.166	2.77E-02	3.54E-01	—	pCi/L	U	U	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.044	2.88E-02	3.19E-01	—	pCi/L	U	U	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0889	3.31E-02	4.36E-01	—	pCi/L	U	U	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.111	5.00E-02	5.00E-01	—	pCi/L	U	U	09-2641	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0445	3.00E-02	3.80E-01	—	pCi/L	U	U	08-1798	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.149	3.97E-02	4.86E-01	—	pCi/L	U	U	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.126	2.61E-02	3.10E-01	—	pCi/L	U	U	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.182	2.90E-02	4.71E-01	—	pCi/L	U	U	168072	GU060700G06R01	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.285	9.33E-03	6.20E-02	—	pCi/L	—	—	08-1798	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.303	1.01E-02	2.72E-02	—	pCi/L	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.407	1.25E-02	5.51E-02	—	pCi/L	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.408	1.38E-02	5.42E-02	—	pCi/L	—	J	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.357	2.10E-02	2.60E-01	—	pCi/L	—	—	09-2641	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.32	1.07E-02	6.80E-02	—	pCi/L	—	—	08-1798	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.306	1.02E-02	2.68E-02	—	pCi/L	—	—	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.419	1.35E-02	6.08E-02	—	pCi/L	—	—	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.476	1.46E-02	4.89E-02	—	pCi/L	—	J	168072	GU060700G06R01	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0112	1.70E-03	3.30E-02	—	pCi/L	U	U	08-1798	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.012	3.11E-03	2.29E-02	—	pCi/L	U	U	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0423	3.70E-03	3.50E-02	—	pCi/L	—	J	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00643	3.70E-03	4.57E-02	—	pCi/L	U	U	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00945	5.00E-03	1.30E-01	—	pCi/L	U	U	09-2641	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0147	2.60E-03	3.60E-02	—	pCi/L	U	U	08-1798	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0213	2.40E-03	2.26E-02	—	pCi/L	U	U	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0165	3.18E-03	3.86E-02	—	pCi/L	U	U	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0232	2.77E-03	4.13E-02	—	pCi/L	U	U	168072	GU060700G06R01	GELC
R-6	5871	1205	08/27/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.122	5.67E-03	3.30E-02	—	pCi/L	—	—	08-1798	CALA-08-13901	GELC
R-6	5871	1205	07/17/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.138	6.53E-03	3.66E-02	—	pCi/L	—	—	189841	GF070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.197	7.70E-03	4.20E-02	—	pCi/L	—	—	184266	GF070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.138	7.20E-03	5.77E-02	—	pCi/L	—	J	168072	GF060700G06R01	GELC
R-6	5871	1205	07/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.143	1.23E-02	1.30E-01	—	pCi/L	—	—	09-2641	CALA-09-11164	GELC
R-6	5871	1205	08/27/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.168	7.00E-03	3.60E-02	—	pCi/L	—	—	08-1798	CALA-08-13902	GELC
R-6	5871	1205	07/17/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.147	6.40E-03	3.60E-02	—	pCi/L	—	—	189841	GU070700G06R01	GELC
R-6	5871	1205	04/12/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.195	8.23E-03	4.63E-02	—	pCi/L	—	—	184266	GU070400G06R01	GELC
R-6	5871	1205	07/26/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.171	7.47E-03	5.20E-02	—	pCi/L	—	J	168072	GU060700G06R01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.2	—	—	7.30E-01	mg/L	—	—	09-2640	CALA-09-11158	GELC
R-6i	5881	602	01/20/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.7	—	—	7.30E-01	mg/L	—	—	09-682	CALA-09-1740	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.7	—	—	7.30E-01	mg/L	—	—	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.1	—	—	7.30E-01	mg/L	—	—	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.3	—	—	7.25E-01	mg/L	—	—	189841	GF070700G61R01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.036	—	—	1.60E-02	mg/L	J	J-	09-2640	CALA-09-11158	GELC
R-6i	5881	602	01/20/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	UJ	09-682	CALA-09-1740	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	1.50E-02	mg/L	U	UJ	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.25	—	—	3.00E-01	mg/L	U	UJ	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.03	—	—	3.00E-02	mg/L	U	—	189841	GF070700G61R01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.1	—	—	5.00E-02	mg/L	—	—	09-2640	CALA-09-11158	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23	—	—	3.00E-02	mg/L	—	—	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.2	—	—	3.00E-02	mg/L	—	—	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.3	—	—	3.00E-02	mg/L	—	—	189841	GF070700G61R01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	5.00E-02	mg/L	—	—	09-2640	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.4	—	—	3.00E-02	mg/L	—	—	08-1797	CALA-08-13889	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-6i	5881	602	01/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.3	—	—	3.00E-02	mg/L	—	—	08-571	CALA-08-9860	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	24.6	—	—	3.00E-02	mg/L	—	—	189841	GU070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	16.6	—	—	6.60E-02	mg/L	—	—	09-2640	CALA-09-11158	GELC
R-6i	5881	602	01/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	16.8	—	—	6.60E-02	mg/L	—	J+	09-682	CALA-09-1740	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	15.7	—	—	6.60E-02	mg/L	—	—	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	16.5	—	—	6.60E-02	mg/L	—	—	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	17	—	—	6.60E-02	mg/L	—	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.66	—	—	3.30E-02	mg/L	—	—	09-2640	CALA-09-11158	GELC
R-6i	5881	602	01/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.71	—	—	3.30E-02	mg/L	—	—	09-682	CALA-09-1740	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.725	—	—	3.30E-02	mg/L	—	—	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.65	—	—	3.30E-02	mg/L	—	—	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.611	—	—	3.30E-02	mg/L	—	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	71.6	—	—	3.50E-01	mg/L	—	—	09-2640	CALA-09-11158	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74.7	—	—	3.50E-01	mg/L	—	—	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	77.6	—	—	4.30E-01	mg/L	—	—	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	78.5	—	—	4.25E-01	mg/L	—	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.9	—	—	3.50E-01	mg/L	—	—	09-2640	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	72.6	—	—	3.50E-01	mg/L	—	—	08-1797	CALA-08-13889	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	77.7	—	—	4.30E-01	mg/L	—	—	08-571	CALA-08-9860	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	79.7	—	—	4.25E-01	mg/L	—	—	189841	GU070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.99	—	—	8.50E-02	mg/L	—	—	09-2640	CALA-09-11158	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.21	—	—	8.50E-02	mg/L	—	—	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.16	—	—	8.50E-02	mg/L	—	—	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.35	—	—	8.50E-02	mg/L	—	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.98	—	—	8.50E-02	mg/L	—	—	09-2640	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.08	—	—	8.50E-02	mg/L	—	—	08-1797	CALA-08-13889	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.16	—	—	8.50E-02	mg/L	—	—	08-571	CALA-08-9860	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.44	—	—	8.50E-02	mg/L	—	—	189841	GU070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.57	—	—	5.00E-02	mg/L	—	—	09-2640	CALA-09-11158	GELC
R-6i	5881	602	01/20/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.08	—	—	1.00E-01	mg/L	—	J+	09-682	CALA-09-1740	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.44	—	—	5.00E-02	mg/L	—	—	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	5.06	—	—	1.00E-01	mg/L	—	—	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.78	—	—	1.00E-01	mg/L	—	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	7	—	—	5.00E-01	ug/L	—	—	09-2640	CALA-09-11158	GELC
R-6i	5881	602	01/20/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	6.39	—	—	5.00E-01	ug/L	—	—	09-682	CALA-09-1740	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	7.47	—	—	5.00E-01	ug/L	—	—	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	7.47	—	—	5.00E-01	ug/L	—	—	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	—	7.07	—	—	4.00E+00	ug/L	J	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	6.87	—	—	5.00E-01	ug/L	—	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.617	—	—	5.00E-02	mg/L	—	—	09-2640	CALA-09-11158	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.629	—	—	5.00E-02	mg/L	—	—	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.583	—	—	5.00E-02	mg/L	—	—	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.656	—	—	5.00E-02	mg/L	—	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.643	—	—	5.00E-02	mg/L	—	—	09-2640	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.578	—	—	5.00E-02	mg/L	—	—	08-1797	CALA-08-13889	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.564	—	—	5.00E-02	mg/L	—	—	08-571	CALA-08-9860	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.636	—	—	5.00E-02	mg/L	—	—	189841	GU070700G6IR01	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	73.6	—	—	3.20E-02	mg/L	—	J	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.2	—	—	1.00E-01	mg/L	—	—	09-2640	CALA-09-11158	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.3	—	—	4.50E-02	mg/L	—	—	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.6	—	—	4.50E-02	mg/L	—	—	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.3	—	—	4.50E-02	mg/L	—	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.8	—	—	1.00E-01	mg/L	—	—	09-2640	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.3	—	—	4.50E-02	mg/L	—	—	08-1797	CALA-08-13889	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.7	—	—	4.50E-02	mg/L	—	—	08-571	CALA-08-9860	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20	—	—	4.50E-02	mg/L	—	—	189841	GU070700G6IR01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-6i	5881	602	07/14/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	237	—	—	1.00E+00	uS/cm	—	—	09-2640	CALA-09-11158	GELC
R-6i	5881	602	01/20/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	240	—	—	1.00E+00	uS/cm	—	—	09-682	CALA-09-1740	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	243	—	—	1.00E+00	uS/cm	—	—	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	243	—	—	1.00E+00	uS/cm	—	—	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	255	—	—	1.00E+00	uS/cm	—	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.86	—	—	1.00E-01	mg/L	—	—	09-2640	CALA-09-11158	GELC
R-6i	5881	602	01/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.21	—	—	1.00E-01	mg/L	—	—	09-682	CALA-09-1740	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.55	—	—	1.00E-01	mg/L	—	J-	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.08	—	—	1.00E-01	mg/L	—	—	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.14	—	—	1.00E-01	mg/L	—	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	198	—	—	2.40E+00	mg/L	—	J	09-2640	CALA-09-11158	GELC
R-6i	5881	602	01/20/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	202	—	—	2.40E+00	mg/L	—	—	09-682	CALA-09-1740	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	203	—	—	2.40E+00	mg/L	—	—	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	205	—	—	2.40E+00	mg/L	—	—	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	206	—	—	2.38E+00	mg/L	—	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.141	—	—	1.50E-02	mg/L	—	—	09-2640	CALA-09-11158	GELC
R-6i	5881	602	01/20/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.0386	—	—	2.40E-02	mg/L	J	J	09-682	CALA-09-1740	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.024	—	—	2.40E-02	mg/L	J	U	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.152	—	—	2.40E-02	mg/L	—	J	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.074	—	—	2.40E-02	mg/L	—	U	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.55	—	—	1.00E-02	SU	H	J-	09-2640	CALA-09-11158	GELC
R-6i	5881	602	01/20/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.83	—	—	1.00E-02	SU	H	J-	09-682	CALA-09-1740	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.55	—	—	1.00E-02	SU	H	J-	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.67	—	—	1.00E-02	SU	H	J-	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.68	—	—	1.00E-02	SU	H	J	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.7	—	—	1.00E+00	ug/L	—	—	09-2640	CALA-09-11158	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.1	—	—	1.00E+00	ug/L	—	—	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.5	—	—	1.00E+00	ug/L	—	—	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.3	—	—	1.00E+00	ug/L	—	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.7	—	—	1.00E+00	ug/L	—	—	09-2640	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.4	—	—	1.00E+00	ug/L	—	—	08-1797	CALA-08-13889	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.6	—	—	1.00E+00	ug/L	—	—	08-571	CALA-08-9860	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.5	—	—	1.00E+00	ug/L	—	—	189841	GU070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.1	—	—	1.50E+01	ug/L	J	J	09-2640	CALA-09-11158	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	17.9	—	—	1.00E+01	ug/L	J	J	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	23.5	—	—	1.00E+01	ug/L	J	J	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	22	—	—	1.00E+01	ug/L	J	U	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17	—	—	1.50E+01	ug/L	J	J	09-2640	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.3	—	—	1.00E+01	ug/L	J	J	08-1797	CALA-08-13889	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.7	—	—	1.00E+01	ug/L	J	J	08-571	CALA-08-9860	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	24.5	—	—	1.00E+01	ug/L	J	U	189841	GU070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.48	—	—	2.50E+00	ug/L	J	J	09-2640	CALA-09-11158	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	5.6	—	—	1.50E+00	ug/L	—	U	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.9	—	—	2.50E+00	ug/L	J	J	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.7	—	—	1.00E+00	ug/L	J	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.49	—	—	2.50E+00	ug/L	J	J	09-2640	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	6.3	—	—	1.50E+00	ug/L	—	U	08-1797	CALA-08-13889	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.2	—	—	2.50E+00	ug/L	J	J	08-571	CALA-08-9860	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.9	—	—	1.00E+00	ug/L	J	—	189841	GU070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.51	—	—	1.00E-01	ug/L	—	—	09-2640	CALA-09-11158	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.4	—	—	1.00E-01	ug/L	—	U	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	2.1	—	—	2.00E+00	ug/L	J	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.59	—	—	1.00E-01	ug/L	—	—	09-2640	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.4	—	—	1.00E-01	ug/L	—	U	08-1797	CALA-08-13889	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-571	CALA-08-9860	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-6i	5881	602	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	189841	GU070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.27	—	—	5.00E-01	ug/L	J	J	09-2640	CALA-09-11158	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	5.00E-01	ug/L	J	J	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	5.00E-01	ug/L	J	J	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.31	—	—	5.00E-01	ug/L	J	J	09-2640	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	5.00E-01	ug/L	J	J	08-1797	CALA-08-13889	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	5.00E-01	ug/L	J	J	08-571	CALA-08-9860	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	5.00E-01	ug/L	J	—	189841	GU070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.3	—	—	5.30E-02	mg/L	—	—	09-2640	CALA-09-11158	GELC
R-6i	5881	602	01/20/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.2	—	—	3.20E-02	mg/L	—	—	09-682	CALA-09-1740	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.9	—	—	3.20E-02	mg/L	—	—	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.2	—	—	3.20E-02	mg/L	—	—	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	111	—	—	1.00E+00	ug/L	—	—	09-2640	CALA-09-11158	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	105	—	—	1.00E+00	ug/L	—	—	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	110	—	—	1.00E+00	ug/L	—	—	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	116	—	—	1.00E+00	ug/L	—	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	112	—	—	1.00E+00	ug/L	—	—	09-2640	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	99.4	—	—	1.00E+00	ug/L	—	—	08-1797	CALA-08-13889	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	110	—	—	1.00E+00	ug/L	—	—	08-571	CALA-08-9860	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	116	—	—	1.00E+00	ug/L	—	—	189841	GU070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.544	—	—	5.00E-02	ug/L	—	—	09-2640	CALA-09-11158	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.51	—	—	5.00E-02	ug/L	—	J	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.54	—	—	5.00E-02	ug/L	—	—	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.6	—	—	5.00E-02	ug/L	—	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.552	—	—	5.00E-02	ug/L	—	—	09-2640	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.53	—	—	5.00E-02	ug/L	—	J	08-1797	CALA-08-13889	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.55	—	—	5.00E-02	ug/L	—	—	08-571	CALA-08-9860	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.61	—	—	5.00E-02	ug/L	—	—	189841	GU070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.66	—	—	1.00E+00	ug/L	J	J	09-2640	CALA-09-11158	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	3.8	—	—	1.00E+00	ug/L	J	U	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.8	—	—	1.00E+00	ug/L	J	J	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1	—	—	1.00E+00	ug/L	U	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.99	—	—	1.00E+00	ug/L	J	J	09-2640	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.5	—	—	1.00E+00	ug/L	J	U	08-1797	CALA-08-13889	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.8	—	—	1.00E+00	ug/L	J	J	08-571	CALA-08-9860	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.6	—	—	1.00E+00	ug/L	J	—	189841	GU070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.65	—	—	3.30E+00	ug/L	J	J	09-2640	CALA-09-11158	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	14	—	—	2.00E+00	ug/L	—	U	08-1797	CALA-08-13890	GELC
R-6i	5881	602	01/23/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	14.1	—	—	2.00E+00	ug/L	—	J	08-571	CALA-08-9858	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6	—	—	2.00E+00	ug/L	J	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.02	—	—	3.30E+00	ug/L	J	J	09-2640	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	13.9	—	—	2.00E+00	ug/L	—	U	08-1797	CALA-08-13889	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	13.4	—	—	2.00E+00	ug/L	—	J	08-571	CALA-08-9860	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.3	—	—	2.00E+00	ug/L	J	—	189841	GU070700G6IR01	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00915	2.00E-03	2.50E-02	—	pCi/L	U	U	08-1798	CALA-08-13890	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00339	8.93E-04	4.12E-02	—	pCi/L	U	U	189841	GF070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00175	3.93E-03	5.64E-02	—	pCi/L	U	U	184266	GF070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00539	1.52E-03	2.41E-02	—	pCi/L	U	U	168072	GF060700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0387	4.00E-03	6.40E-02	—	pCi/L	U	U	09-2641	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00855	2.37E-03	2.40E-02	—	pCi/L	U	U	08-1798	CALA-08-13889	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00121	6.60E-04	3.87E-02	—	pCi/L	U	U	189841	GU070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00503	4.37E-03	6.19E-02	—	pCi/L	U	U	184266	GU070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0164	2.00E-03	2.44E-02	—	pCi/L	U	U	168072	GU060700G6IR01	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.718	4.33E-01	4.40E+00	—	pCi/L	U	U	08-1798	CALA-08-13890	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.23	5.47E-01	4.97E+00	—	pCi/L	U	U	189841	GF070700G6IR01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-6i	5881	602	04/12/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.528	3.77E-01	3.76E+00	—	pCi/L	U	U	184266	GF070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.791	4.33E-01	4.26E+00	—	pCi/L	U	U	168072	GF060700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.268	4.33E-01	4.30E+00	—	pCi/L	U	U	09-2641	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.174	4.33E-01	4.40E+00	—	pCi/L	U	U	08-1798	CALA-08-13889	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.2	3.17E-01	2.80E+00	—	pCi/L	U	U	189841	GU070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.28	3.43E-01	2.75E+00	—	pCi/L	U	U	184266	GU070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.807	3.37E-01	3.49E+00	—	pCi/L	U	U	168072	GU060700G6IR01	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.806	5.00E-01	4.70E+00	—	pCi/L	U	U	08-1798	CALA-08-13890	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.9	5.87E-01	4.71E+00	—	pCi/L	U	U	189841	GF070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.49	3.50E-01	3.83E+00	—	pCi/L	U	U	184266	GF070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0992	3.80E-01	4.30E+00	—	pCi/L	U	U	168072	GF060700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.03	5.00E-01	5.00E+00	—	pCi/L	U	U	09-2641	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.804	5.00E-01	4.60E+00	—	pCi/L	U	U	08-1798	CALA-08-13889	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.141	3.97E-01	3.83E+00	—	pCi/L	U	U	189841	GU070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.09	3.43E-01	2.60E+00	—	pCi/L	U	U	184266	GU070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.35	4.10E-01	4.37E+00	—	pCi/L	U	U	168072	GU060700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.61	1.87E-01	2.00E+00	—	pCi/L	U	U	09-2641	CALA-09-11157	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.5	2.85E-01	2.78E+00	—	pCi/L	U	U	189841	GF070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.956	2.82E-01	2.85E+00	—	pCi/L	U	U	184266	GF070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.948	2.36E-01	2.89E+00	—	pCi/L	U	U	168072	GF060700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.699	1.47E-01	1.40E+00	—	pCi/L	U	U	09-2641	CALA-09-11157	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.58	3.00E-01	2.73E+00	—	pCi/L	U	U	189841	GU070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.702	2.81E-01	2.88E+00	—	pCi/L	U	U	184266	GU070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.13	2.58E-01	2.93E+00	—	pCi/L	U	U	168072	GU060700G6IR01	GELC
R-6i	5881	602	05/11/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.921	2.18E-01	2.60E+00	—	pCi/L	U	U	162882	GU060500G6IR01	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	11.7	4.33E+00	1.90E+01	—	pCi/L	U	U	08-1798	CALA-08-13890	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	85.8	2.32E+01	1.64E+02	—	pCi/L	U	U	189841	GF070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	80.9	1.97E+01	2.92E+02	—	pCi/L	U	U	184266	GF070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	61.6	1.75E+01	2.34E+02	—	pCi/L	U	U	168072	GF060700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	186	1.97E+01	1.20E+02	—	pCi/L	—	—	09-2641	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	14.9	5.00E+00	2.20E+01	—	pCi/L	U	U	08-1798	CALA-08-13889	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	67	2.51E+01	2.46E+02	—	pCi/L	U	U	189841	GU070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	95.7	2.41E+01	3.14E+02	—	pCi/L	U	U	184266	GU070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	81.1	1.82E+01	2.45E+02	—	pCi/L	U	U	168072	GU060700G6IR01	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	21.2	3.33E+00	3.40E+01	—	pCi/L	U	U	08-1798	CALA-08-13890	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.44	3.77E+00	3.23E+01	—	pCi/L	U	U	189841	GF070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.8	2.80E+00	2.51E+01	—	pCi/L	U	U	184266	GF070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.28	3.14E+00	2.83E+01	—	pCi/L	U	U	168072	GF060700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.67	4.00E+00	3.50E+01	—	pCi/L	U	U	09-2641	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12.6	3.20E+00	2.90E+01	—	pCi/L	U	U	08-1798	CALA-08-13889	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-10.6	3.10E+00	2.74E+01	—	pCi/L	U	U	189841	GU070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	17	3.02E+00	2.70E+01	—	pCi/L	U	U	184266	GU070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.95	2.50E+00	2.54E+01	—	pCi/L	U	U	168072	GU060700G6IR01	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00246	4.00E-03	3.40E-02	—	pCi/L	U	U	08-1798	CALA-08-13890	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00596	1.75E-03	2.78E-02	—	pCi/L	U	U	189841	GF070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0031	1.04E-03	3.18E-02	—	pCi/L	U	U	184266	GF070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0042	2.62E-03	2.02E-02	—	pCi/L	U	U	168072	GF060700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00735	3.00E-03	5.90E-02	—	pCi/L	U	U	09-2641	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.018	6.33E-03	3.60E-02	—	pCi/L	U	U	08-1798	CALA-08-13889	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00244	1.15E-03	3.41E-02	—	pCi/L	U	U	189841	GU070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00875	4.40E-03	3.14E-02	—	pCi/L	U	U	184266	GU070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0099	2.34E-03	3.55E-02	—	pCi/L	U	U	168072	GU060700G6IR01	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00246	3.67E-03	4.20E-02	—	pCi/L	U	U	08-1798	CALA-08-13890	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00397	1.33E-03	3.08E-02	—	pCi/L	U	U	189841	GF070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00931	4.50E-03	4.60E-02	—	pCi/L	U	U	184266	GF070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0147	2.33E-03	2.35E-02	—	pCi/L	U	U	168072	GF060700G6IR01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-6i	5881	602	07/14/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.022	3.23E-03	7.20E-02	—	pCi/L	U	U	09-2641	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0103	3.20E-03	4.40E-02	—	pCi/L	U	U	08-1798	CALA-08-13889	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00975	1.63E-03	3.78E-02	—	pCi/L	U	U	189841	GU070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.000909	3.03E-03	4.57E-02	—	pCi/L	U	U	184266	GU070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00948	3.87E-03	4.15E-02	—	pCi/L	U	U	168072	GU060700G6IR01	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	9.83	4.67E+00	4.90E+01	—	pCi/L	U	U	08-1798	CALA-08-13890	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	7.78	6.10E+00	6.44E+01	—	pCi/L	U	U	189841	GF070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	23.1	5.23E+00	3.89E+01	—	pCi/L	U	U	184266	GF070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	43.6	5.03E+00	6.26E+01	—	pCi/L	U	U	168072	GF060700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	66.3	7.67E+00	4.20E+01	—	pCi/L	—	U	09-2641	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-26.2	6.33E+00	6.30E+01	—	pCi/L	U	U	08-1798	CALA-08-13889	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.25	4.73E+00	5.05E+01	—	pCi/L	U	U	189841	GU070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	11.2	4.27E+00	4.44E+01	—	pCi/L	U	U	184266	GU070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	44.3	4.37E+00	5.60E+01	—	pCi/L	U	U	168072	GU060700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.614	5.67E-02	2.60E-01	—	pCi/L	—	—	09-2641	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.258	4.33E-02	4.20E-01	—	pCi/L	U	U	08-1798	CALA-08-13889	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.595	5.33E-02	3.80E-01	—	pCi/L	—	—	08-571	CALA-08-9860	GELC
R-6i	5881	602	11/17/05	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	6.62	1.10E+00	5.78E+00	—	pCi/L	UI	R	150539	GU05110G6IR01	GELC
R-6i	5881	602	08/24/05	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	2.14	6.00E-01	6.79E+00	—	pCi/L	U	U	144117	GU05080G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.05	1.00E-01	8.00E-01	—	pCi/L	—	—	09-2641	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.586	7.33E-02	6.40E-01	—	pCi/L	U	U	08-1798	CALA-08-13889	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.397	7.33E-02	7.10E-01	—	pCi/L	U	U	08-571	CALA-08-9860	GELC
R-6i	5881	602	02/21/05	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	9.3	5.67E-01	6.50E+00	—	pCi/L	UI	R	2934S	GW6i-05-57603	GEL
R-6i	5881	602	08/27/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.343	5.33E-01	5.30E+00	—	pCi/L	U	U	08-1798	CALA-08-13890	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.39	5.07E-01	4.69E+00	—	pCi/L	U	U	189841	GF070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.21	3.67E-01	3.53E+00	—	pCi/L	U	U	184266	GF070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.91	3.30E-01	4.03E+00	—	pCi/L	U	U	168072	GF060700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.816	4.33E-01	4.40E+00	—	pCi/L	U	U	09-2641	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.194	3.20E-01	3.10E+00	—	pCi/L	U	U	08-1798	CALA-08-13889	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.268	4.53E-01	3.70E+00	—	pCi/L	U	U	189841	GU070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0186	4.67E-01	3.93E+00	—	pCi/L	U	U	184266	GU070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.23	3.63E-01	4.34E+00	—	pCi/L	U	U	168072	GU060700G6IR01	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0785	4.00E-02	4.80E-01	—	pCi/L	U	U	08-1798	CALA-08-13890	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0726	4.33E-02	4.85E-01	—	pCi/L	U	U	189841	GF070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.223	3.06E-02	3.22E-01	—	pCi/L	U	U	184266	GF070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.076	2.53E-02	3.90E-01	—	pCi/L	U	U	168072	GF060700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0629	2.90E-02	3.60E-01	—	pCi/L	U	U	09-2641	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.268	4.33E-02	5.50E-01	—	pCi/L	U	U	08-1798	CALA-08-13889	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00642	4.27E-02	4.84E-01	—	pCi/L	U	U	189841	GU070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0347	3.22E-02	3.42E-01	—	pCi/L	U	U	184266	GU070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.158	2.96E-02	3.62E-01	—	pCi/L	U	U	168072	GU060700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	3230	1.13E+02	2.00E+02	—	pCi/L	—	—	09-2641	CALA-09-11157	GELC
R-6i	5881	602	01/20/09	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	3770	1.33E+02	1.50E+02	—	pCi/L	—	—	09-682	CALA-09-1741	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	3079.671	6.04E+01	1.90E+02	—	pCi/L	—	—	08-1841	CALA-08-13889	ARSL
R-6i	5881	602	01/23/08	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	3610	1.23E+02	1.70E+02	—	pCi/L	—	—	08-571	CALA-08-9860	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	4060	1.43E+02	1.45E+02	—	pCi/L	—	—	189841	GU070700G6IR01	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.424	1.30E-02	7.00E-02	—	pCi/L	—	—	08-1798	CALA-08-13890	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.437	1.33E-02	2.88E-02	—	pCi/L	—	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.476	1.50E-02	6.87E-02	—	pCi/L	—	—	184266	GF070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.511	1.58E-02	5.22E-02	—	pCi/L	—	J	168072	GF060700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.404	2.27E-02	2.70E-01	—	pCi/L	—	—	09-2641	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.43	1.33E-02	7.50E-02	—	pCi/L	—	—	08-1798	CALA-08-13889	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.521	1.48E-02	2.85E-02	—	pCi/L	—	—	189841	GU070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.58	1.66E-02	5.84E-02	—	pCi/L	—	—	184266	GU070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.559	1.63E-02	4.84E-02	—	pCi/L	—	J	168072	GU060700G6IR01	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0201	3.17E-03	3.70E-02	—	pCi/L	U	U	08-1798	CALA-08-13890	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-6i	5881	602	07/17/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0153	2.95E-03	2.43E-02	—	pCi/L	U	U	189841	GF070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0341	3.77E-03	4.36E-02	—	pCi/L	U	U	184266	GF070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0155	2.33E-03	4.41E-02	—	pCi/L	U	U	168072	GF060700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	3.33E-03	1.40E-01	—	pCi/L	U	U	09-2641	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0108	2.87E-03	4.00E-02	—	pCi/L	U	U	08-1798	CALA-08-13889	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00754	1.88E-03	2.40E-02	—	pCi/L	U	U	189841	GU070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0237	3.20E-03	3.71E-02	—	pCi/L	U	U	184266	GU070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0172	2.37E-03	4.08E-02	—	pCi/L	U	U	168072	GU060700G6IR01	GELC
R-6i	5881	602	08/27/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.2	8.00E-03	3.70E-02	—	pCi/L	—	—	08-1798	CALA-08-13890	GELC
R-6i	5881	602	07/17/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.218	8.93E-03	3.88E-02	—	pCi/L	—	—	189841	GF070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.178	8.10E-03	5.23E-02	—	pCi/L	—	—	184266	GF070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.205	8.90E-03	5.56E-02	—	pCi/L	—	J	168072	GF060700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.18	1.40E-02	1.40E-01	—	pCi/L	—	—	09-2641	CALA-09-11157	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.209	8.33E-03	3.90E-02	—	pCi/L	—	—	08-1798	CALA-08-13889	GELC
R-6i	5881	602	07/17/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.197	7.80E-03	3.83E-02	—	pCi/L	—	—	189841	GU070700G6IR01	GELC
R-6i	5881	602	04/12/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.252	9.20E-03	4.45E-02	—	pCi/L	—	—	184266	GU070400G6IR01	GELC
R-6i	5881	602	07/26/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.241	9.50E-03	5.15E-02	—	pCi/L	—	J	168072	GU060700G6IR01	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Svoa	SW-846:8270C	Benzo(a)pyrene	—	2.12	—	—	2.20E-01	ug/L	—	—	09-2639	CALA-09-11157	GELC
R-6i	5881	602	01/20/09	WG	UF	CS	—	Svoa	SW-846:8270C	Benzo(a)pyrene	<	1.08	—	—	2.20E-01	ug/L	U	U	09-681	CALA-09-1741	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Svoa	SW-846:8270C	Benzo(a)pyrene	<	1.11	—	—	2.20E-01	ug/L	U	U	08-1796	CALA-08-13889	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	—	Svoa	SW-846:8270C	Benzo(a)pyrene	<	1	—	—	2.00E-01	ug/L	U	U	08-571	CALA-08-9860	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Svoa	SW-846:8270C	Benzo(b)fluoranthene	—	3.68	—	—	2.20E-01	ug/L	—	—	09-2639	CALA-09-11157	GELC
R-6i	5881	602	01/20/09	WG	UF	CS	—	Svoa	SW-846:8270C	Benzo(b)fluoranthene	<	1.08	—	—	2.20E-01	ug/L	U	U	09-681	CALA-09-1741	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Svoa	SW-846:8270C	Benzo(b)fluoranthene	<	1.11	—	—	2.20E-01	ug/L	U	U	08-1796	CALA-08-13889	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	—	Svoa	SW-846:8270C	Benzo(b)fluoranthene	<	1	—	—	2.00E-01	ug/L	U	U	08-571	CALA-08-9860	GELC
R-6i	5881	602	07/14/09	WG	UF	CS	—	Svoa	SW-846:8270C	Indeno(1,2,3-cd)pyrene	—	0.837	—	—	2.20E-01	ug/L	J	J	09-2639	CALA-09-11157	GELC
R-6i	5881	602	01/20/09	WG	UF	CS	—	Svoa	SW-846:8270C	Indeno(1,2,3-cd)pyrene	<	1.08	—	—	2.20E-01	ug/L	U	U	09-681	CALA-09-1741	GELC
R-6i	5881	602	08/27/08	WG	UF	CS	—	Svoa	SW-846:8270C	Indeno(1,2,3-cd)pyrene	<	1.11	—	—	2.20E-01	ug/L	U	U	08-1796	CALA-08-13889	GELC
R-6i	5881	602	01/23/08	WG	UF	CS	—	Svoa	SW-846:8270C	Indeno(1,2,3-cd)pyrene	<	1	—	—	2.00E-01	ug/L	U	U	08-571	CALA-08-9860	GELC
R-7	1442	915.1	07/20/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.606	8.33E-02	7.00E-01	—	pCi/L	U	U	09-2709	CALA-09-11179	GELC
R-7	1442	915.1	08/26/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.406	5.00E-02	4.10E-01	—	pCi/L	U	U	08-1783	CALA-08-14854	GELC
R-7	1442	915.1	04/26/05	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.431	5.30E-02	4.35E-01	—	pCi/L	U	U	135408	GU0504G07R301	GELC
R-7	1442	915.1	05/26/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	3.25	1.23E+00	6.87E+00	—	pCi/L	U	U	113809	GU0405G07R301	GELC
R-7	1442	915.1	05/26/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.128	5.50E-02	6.02E-01	—	pCi/L	U	U	113809	GU0405G07R301	GELC
R-7	1442	915.1	12/18/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	0	3.87E-01	4.28E+00	—	pCi/L	UUI	R	104282	GU0311G07R301	GELC
R-7	1442	915.1	12/18/03	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.571	6.03E-02	4.74E-01	—	pCi/L	—	J	104282	GU0311G07R301	GELC
R-7	1442	915.1	12/18/03	WG	UF	DUP	—	Rad	EPA:901.1	Radium-226	<	2.38	1.35E+00	8.57E+00	—	pCi/L	U	—	104282	GU0311G07R301	GELC
R-7	1442	915.1	12/18/03	WG	UF	DUP	—	Rad	EPA:903.1	Radium-226	<	0.368	4.73E-02	3.99E-01	—	pCi/L	U	—	104282	GU0311G07R301	GELC
R-7	1442	915.1	07/20/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.49	1.40E-01	1.10E+00	—	pCi/L	—	—	09-2709	CALA-09-11179	GELC
R-7	1442	915.1	08/26/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	-0.0815	5.00E-02	5.70E-01	—	pCi/L	U	U	08-1783	CALA-08-14854	GELC
R-7	1442	915.1	05/26/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	2.16	1.31E+00	1.49E+01	—	pCi/L	U	U	113809	GU0405G07R301	GELC
R-7	1442	915.1	12/18/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	4.92	6.13E-01	6.98E+00	—	pCi/L	U	U	104282	GU0311G07R301	GELC
R-7	1442	915.1	12/18/03	WG	UF	DUP	—	Rad	EPA:901.1	Radium-228	<	4.47	2.02E+00	1.54E+01	—	pCi/L	U	—	104282	GU0311G07R301	GELC
R-7	1442	915.1	08/06/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	7.01	2.00E+00	1.35E+01	—	pCi/L	U	U	65016	GU0207G07R301	GELC
R-7	1442	915.1	08/06/02	WG	UF	DUP	—	Rad	EPA:901.1	Radium-228	<	8.34	1.25E+00	1.47E+01	—	pCi/L	U	—	65139	GU0207G07R301	GELC
R-7	1442	915.1	07/20/09	WG	UF	CS	EQB	Voa	SW-846:8260B	Chloroform	—	0.474	—	—	2.50E-01	ug/L	J	J	09-2709	CALA-09-11182	GELC
R-7	1442	915.1	04/26/05	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	—	ug/L	U	—	135408	GU0504G07R301	GELC
R-7	1442	915.1	05/26/04	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	—	ug/L	U	—	113809	GU0405G07R301	GELC
R-7	1442	915.1	12/18/03	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	—	ug/L	U	—	104282	GU0311G07R301	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.2	—	—	7.30E-01	mg/L	—	—	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	01/08/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.7	—	—	7.30E-01	mg/L	—	—	09-599	CALA-09-1762	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.7	—	—	7.30E-01	mg/L	—	—	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.7	—	—	5.00E-02	mg/L	—	—	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.4	—	—	3.00E-02	mg/L	—	—	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	3.00E-02	mg/L	—	—	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.2	—	—	3.00E-02	mg/L	—	—	190192	GF07070G08R101	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.3	—	—	3.60E-02	mg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.2	—	—	5.00E-02	mg/L	—	—	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.7	—	—	3.00E-02	mg/L	—	—	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.6	—	—	3.00E-02	mg/L	—	—	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.1	—	—	3.00E-02	mg/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	3.60E-02	mg/L	—	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.45	—	—	6.60E-02	mg/L	—	—	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	01/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.33	—	—	6.60E-02	mg/L	—	—	09-599	CALA-09-1762	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.38	—	—	6.60E-02	mg/L	—	J-	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.543	—	—	3.30E-02	mg/L	—	—	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	01/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.542	—	—	3.30E-02	mg/L	—	J-	09-599	CALA-09-1762	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.562	—	—	3.30E-02	mg/L	—	—	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.5	—	—	3.50E-01	mg/L	—	—	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	55.1	—	—	3.50E-01	mg/L	—	—	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.9	—	—	4.30E-01	mg/L	—	—	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	50.9	—	—	4.25E-01	mg/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.2	—	—	4.40E-01	mg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	53.9	—	—	3.50E-01	mg/L	—	—	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.3	—	—	3.50E-01	mg/L	—	—	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.3	—	—	4.30E-01	mg/L	—	—	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50.6	—	—	4.25E-01	mg/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	53.8	—	—	4.40E-01	mg/L	—	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.62	—	—	8.50E-02	mg/L	—	—	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.85	—	—	8.50E-02	mg/L	—	—	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.73	—	—	8.50E-02	mg/L	—	—	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.54	—	—	8.50E-02	mg/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.43	—	—	8.50E-02	mg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.69	—	—	8.50E-02	mg/L	—	—	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.59	—	—	8.50E-02	mg/L	—	—	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.65	—	—	8.50E-02	mg/L	—	—	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.53	—	—	8.50E-02	mg/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.72	—	—	8.50E-02	mg/L	—	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.302	—	—	5.00E-02	ug/L	—	—	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	01/08/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.313	—	—	5.00E-02	ug/L	—	U	09-599	CALA-09-1762	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.31	—	—	5.00E-02	ug/L	—	—	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.02	—	—	5.00E-02	mg/L	—	—	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.22	—	—	5.00E-02	mg/L	—	—	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.02	—	—	5.00E-02	mg/L	—	—	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.89	—	—	5.00E-02	mg/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.86	—	—	5.00E-02	mg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.06	—	—	5.00E-02	mg/L	—	—	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.99	—	—	5.00E-02	mg/L	—	—	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.96	—	—	5.00E-02	mg/L	—	—	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.87	—	—	5.00E-02	mg/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.08	—	—	5.00E-02	mg/L	—	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	1.00E-01	mg/L	—	—	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.73	—	—	4.50E-02	mg/L	—	—	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.24	—	—	4.50E-02	mg/L	—	—	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.7	—	—	4.50E-02	mg/L	E	J	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.82	—	—	4.50E-02	mg/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.74	—	—	1.00E-01	mg/L	—	—	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.08	—	—	4.50E-02	mg/L	—	—	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.94	—	—	4.50E-02	mg/L	—	—	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.53	—	—	4.50E-02	mg/L	E	J	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.91	—	—	4.50E-02	mg/L	—	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	148	—	—	1.00E+00	uS/cm	—	—	09-2694	CALA-09-11172	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2302	711.1	01/08/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	145	—	—	1.00E+00	uS/cm	—	—	09-599	CALA-09-1762	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	152	—	—	1.00E+00	uS/cm	—	—	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.31	—	—	1.00E-01	mg/L	—	—	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	01/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.23	—	—	1.00E-01	mg/L	—	J-	09-599	CALA-09-1762	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.09	—	—	1.00E-01	mg/L	—	J-	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	124	—	—	2.40E+00	mg/L	—	—	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	01/08/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.40E+00	mg/L	—	—	09-599	CALA-09-1762	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.40E+00	mg/L	—	—	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.03	—	—	2.90E-02	mg/L	J	JN-	190192	GF07070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.061	—	—	3.30E-02	mg/L	J	J	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	01/08/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	U	09-599	CALA-09-1761	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	UJ	08-1854	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.029	—	—	2.90E-02	mg/L	U	UJ	190192	GU07070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.046	—	—	1.50E-02	mg/L	J	J	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	01/08/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.053	—	—	2.40E-02	mg/L	—	U	09-599	CALA-09-1762	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.05	—	—	2.40E-02	mg/L	U	U	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.34	—	—	1.00E-02	SU	H	J-	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	01/08/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.41	—	—	1.00E-02	SU	H	J-	09-599	CALA-09-1762	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.25	—	—	1.00E-02	SU	H	J-	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24	—	—	1.00E+00	ug/L	—	—	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.1	—	—	1.00E+00	ug/L	—	—	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.8	—	—	1.00E+00	ug/L	—	—	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.3	—	—	1.00E+00	ug/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23	—	—	1.00E+00	ug/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.6	—	—	1.00E+00	ug/L	—	—	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.1	—	—	1.00E+00	ug/L	—	—	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21.8	—	—	1.00E+00	ug/L	—	—	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.4	—	—	1.00E+00	ug/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28	—	—	1.00E+00	ug/L	—	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	8.75	—	—	2.50E+00	ug/L	J	J	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	1.50E+00	ug/L	—	—	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.7	—	—	2.50E+00	ug/L	J	J	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.8	—	—	1.00E+00	ug/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.4	—	—	1.00E+00	ug/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.74	—	—	2.50E+00	ug/L	J	J	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.7	—	—	1.50E+00	ug/L	—	—	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5	—	—	2.50E+00	ug/L	J	J	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.1	—	—	1.00E+00	ug/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.6	—	—	1.00E+00	ug/L	—	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.47	—	—	1.00E-01	ug/L	—	J	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.7	—	—	1.00E-01	ug/L	—	J	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	4.1	—	—	2.00E+00	ug/L	J	U	184079	GF07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.61	—	—	1.00E-01	ug/L	—	J	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.4	—	—	1.00E-01	ug/L	—	J	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.6	—	—	2.00E+00	ug/L	J	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	5.9	—	—	2.00E+00	ug/L	J	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.72	—	—	5.00E-01	ug/L	J	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.5	—	—	5.00E-01	ug/L	U	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.61	—	—	5.00E-01	ug/L	J	J	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.56	—	—	5.00E-01	ug/L	J	J	08-1855	CALA-08-13906	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.2	—	—	5.00E-01	ug/L	—	—	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.73	—	—	5.00E-01	ug/L	J	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.56	—	—	5.00E-01	ug/L	J	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	59.3	—	—	5.30E-02	mg/L	—	—	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	01/08/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.7	—	—	3.20E-02	mg/L	—	—	09-599	CALA-09-1762	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.6	—	—	3.20E-02	mg/L	—	—	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	99.4	—	—	1.00E+00	ug/L	—	—	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	91.3	—	—	1.00E+00	ug/L	—	—	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.6	—	—	1.00E+00	ug/L	—	—	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.6	—	—	1.00E+00	ug/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	82.8	—	—	1.00E+00	ug/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	98.5	—	—	1.00E+00	ug/L	—	—	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	88.7	—	—	1.00E+00	ug/L	—	—	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	87.8	—	—	1.00E+00	ug/L	—	—	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	90.4	—	—	1.00E+00	ug/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	91.8	—	—	1.00E+00	ug/L	—	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	14.4	—	—	1.00E+00	ug/L	—	—	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	14.2	—	—	1.00E+00	ug/L	—	—	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	13.6	—	—	1.00E+00	ug/L	—	—	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	12.4	—	—	1.00E+00	ug/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	12	—	—	1.00E+00	ug/L	—	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	14.6	—	—	1.00E+00	ug/L	—	—	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	13.6	—	—	1.00E+00	ug/L	—	—	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	13.2	—	—	1.00E+00	ug/L	—	—	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	12.2	—	—	1.00E+00	ug/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	13.7	—	—	1.00E+00	ug/L	—	J+	184079	GU07040G08R101	GELC
R-8	2302	711.1	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.82	—	—	3.30E+00	ug/L	J	J	09-2694	CALA-09-11172	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.3	—	—	2.00E+00	ug/L	J	J	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.8	—	—	2.00E+00	ug/L	J	J	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	UJ	190192	GF07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	—	184079	GF07040G08R101	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2.00E+00	ug/L	U	U	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.6	—	—	2.00E+00	ug/L	J	J	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2	—	—	2.00E+00	ug/L	U	UJ	190192	GU07070G08R101	GELC
R-8	2302	711.1	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	16.1	—	—	2.00E+00	ug/L	—	—	184079	GU07040G08R101	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00365	2.67E-03	3.40E-02	—	pCi/L	U	U	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00185	3.67E-03	3.20E-02	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.000651	3.77E-04	3.15E-02	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0258	8.60E-03	3.75E-02	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000294	4.33E-03	4.40E-02	—	pCi/L	U	U	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00152	8.00E-04	3.20E-02	—	pCi/L	U	U	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0241	5.67E-03	3.50E-02	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00307	1.08E-03	3.30E-02	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0192	5.43E-03	4.43E-02	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.1	4.67E-01	5.10E+00	—	pCi/L	U	U	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.486	5.00E-01	4.80E+00	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	5.16	5.00E-01	5.18E+00	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.52	3.63E-01	4.36E+00	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.49	5.67E-01	5.30E+00	—	pCi/L	U	U	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.691	3.67E-01	3.50E+00	—	pCi/L	U	U	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.05	3.67E-01	3.90E+00	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.75	3.80E-01	3.28E+00	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.412	3.33E-01	3.77E+00	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.82	5.00E-01	4.10E+00	—	pCi/L	U	U	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.582	4.33E-01	4.50E+00	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.426	3.93E-01	3.93E+00	—	pCi/L	U	U	190192	GF07070G08R101	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-3.18	5.83E-01	4.37E+00	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.366	4.00E-01	3.90E+00	—	pCi/L	U	U	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.4	4.00E-01	4.40E+00	—	pCi/L	U	U	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.622	3.67E-01	3.20E+00	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.14	3.43E-01	2.56E+00	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.54	3.20E-01	3.54E+00	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.0168	1.30E-01	1.50E+00	—	pCi/L	U	U	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.02	2.60E-01	2.41E+00	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.112	2.25E-01	2.34E+00	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.952	2.77E-01	2.80E+00	—	pCi/L	U	U	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.16	3.37E-01	2.96E+00	—	pCi/L	—	J	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.02	2.39E-01	2.28E+00	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	1.8	1.50E-01	1.55E+00	—	pCi/L	—	J	135528	GU0504G08R101	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	5.03	1.10E+01	1.60E+01	—	pCi/L	U	U	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	68.6	1.53E+01	2.10E+02	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	76.1	3.50E+01	2.31E+02	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	67.8	1.80E+01	1.66E+02	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	173	1.07E+01	1.10E+02	—	pCi/L	—	—	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	12.6	3.67E+00	2.70E+01	—	pCi/L	U	U	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	96.2	2.80E+01	2.80E+02	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	65	1.44E+01	1.99E+02	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	170	3.93E+01	3.81E+02	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.35	3.07E+00	3.00E+01	—	pCi/L	U	U	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.41	3.07E+00	3.00E+01	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.88	2.93E+00	2.82E+01	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.74	2.70E+00	2.87E+01	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	16.7	3.67E+00	3.90E+01	—	pCi/L	U	U	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.505	3.27E+00	3.10E+01	—	pCi/L	U	U	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.98	2.67E+00	2.80E+01	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.7	3.08E+00	2.70E+01	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.83	2.62E+00	2.83E+01	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00318	1.83E-03	4.80E-02	—	pCi/L	U	U	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00481	4.00E-03	4.40E-02	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00754	2.18E-03	2.64E-02	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00488	1.63E-03	4.69E-02	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00185	1.07E-03	2.90E-02	—	pCi/L	U	U	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	2.67E-03	5.00E-02	—	pCi/L	U	U	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0113	3.13E-03	4.20E-02	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0055	1.62E-03	2.57E-02	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0114	3.50E-03	4.68E-02	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.019	2.60E-03	5.50E-02	—	pCi/L	U	U	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-4.58E-09	4.00E-03	5.20E-02	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00188	1.09E-03	2.92E-02	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0195	4.00E-03	5.46E-02	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-2.2E-10	8.67E-04	3.60E-02	—	pCi/L	U	U	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00653	1.53E-03	5.60E-02	—	pCi/L	U	U	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00453	2.40E-03	4.90E-02	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.22E-03	2.84E-02	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0126	4.87E-03	5.45E-02	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.3	6.33E+00	6.20E+01	—	pCi/L	U	U	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.8	5.00E+00	4.40E+01	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	3.34	4.53E+00	3.49E+01	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	44.1	4.47E+00	6.10E+01	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.58	5.00E+00	5.00E+01	—	pCi/L	U	U	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	3.4	4.33E+00	3.10E+01	—	pCi/L	U	U	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-23.1	5.67E+00	5.10E+01	—	pCi/L	U	U	08-528	CALA-08-9947	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-13.8	4.83E+00	4.41E+01	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	33.7	3.83E+00	3.65E+01	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.47	7.33E-02	6.30E-01	—	pCi/L	U	U	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.241	6.33E-02	6.50E-01	—	pCi/L	U	U	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.02	1.03E-01	7.90E-01	—	pCi/L	—	—	08-528	CALA-08-9947	GELC
R-8	2302	711.1	04/27/05	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.17	9.50E-02	6.86E-01	—	pCi/L	—	J	135528	GU0504G08R101	GELC
R-8	2302	711.1	12/08/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	17.3	1.34E+00	5.66E+00	—	pCi/L	—	—	127273	GU0411G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.084	6.67E-02	7.10E-01	—	pCi/L	U	U	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.0618	8.33E-02	9.20E-01	—	pCi/L	U	U	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.294	6.33E-02	6.00E-01	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.26	4.67E-01	4.20E+00	—	pCi/L	U	U	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.754	4.33E-01	4.50E+00	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.17	4.63E-01	3.22E+00	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.227	4.17E-01	4.63E+00	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.31	5.00E-01	5.50E+00	—	pCi/L	U	U	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.117	3.67E-01	3.50E+00	—	pCi/L	U	U	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.07	4.00E-01	3.60E+00	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.04	3.80E-01	3.96E+00	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.12	3.93E-01	3.80E+00	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.235	3.67E-02	4.90E-01	—	pCi/L	U	U	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.394	5.00E-02	4.40E-01	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.255	4.37E-02	5.23E-01	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0238	5.47E-02	5.48E-01	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0758	3.67E-02	3.70E-01	—	pCi/L	U	U	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.391	5.33E-02	4.80E-01	—	pCi/L	U	U	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.000343	1.83E-02	2.10E-01	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0139	4.53E-02	4.95E-01	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.218	4.27E-02	4.20E-01	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.215	9.00E-03	8.10E-02	—	pCi/L	—	—	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.216	8.67E-03	7.40E-02	—	pCi/L	—	—	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.241	8.83E-03	2.93E-02	—	pCi/L	—	—	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.217	1.01E-02	5.66E-02	—	pCi/L	—	—	168595	GF06070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.185	1.27E-02	1.80E-01	—	pCi/L	—	—	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.223	9.33E-03	7.70E-02	—	pCi/L	—	—	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.21	8.67E-03	7.70E-02	—	pCi/L	—	—	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.228	8.73E-03	3.19E-02	—	pCi/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.184	8.27E-03	4.91E-02	—	pCi/L	—	—	168595	GU06070G08R101	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	1.37E-03	4.30E-02	—	pCi/L	U	U	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0231	2.87E-03	3.70E-02	—	pCi/L	U	U	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0127	2.26E-03	3.93E-02	—	pCi/L	U	U	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00521	2.41E-03	4.80E-02	—	pCi/L	U	U	168595	GF06070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00327	2.43E-03	8.70E-02	—	pCi/L	U	U	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.022	2.63E-03	4.10E-02	—	pCi/L	U	U	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0134	2.00E-03	3.80E-02	—	pCi/L	U	U	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0083	2.07E-03	4.27E-02	—	pCi/L	U	U	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00289	2.58E-03	4.16E-02	—	pCi/L	U	U	168595	GU06070G08R101	GELC
R-8	2302	711.1	09/04/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0945	5.67E-03	4.20E-02	—	pCi/L	—	—	08-1855	CALA-08-13903	GELC
R-8	2302	711.1	01/16/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0643	5.33E-03	4.30E-02	—	pCi/L	—	—	08-528	CALA-08-9945	GELC
R-8	2302	711.1	07/24/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.107	5.53E-03	3.91E-02	—	pCi/L	—	J	190192	GF07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.107	6.80E-03	6.02E-02	—	pCi/L	—	J	168595	GF06070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.118	9.00E-03	8.80E-02	—	pCi/L	—	—	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.109	6.33E-03	4.00E-02	—	pCi/L	—	—	08-1855	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.104	6.00E-03	4.50E-02	—	pCi/L	—	—	08-528	CALA-08-9947	GELC
R-8	2302	711.1	07/24/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.132	6.53E-03	4.25E-02	—	pCi/L	—	—	190192	GU07070G08R101	GELC
R-8	2302	711.1	08/01/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.113	6.43E-03	5.22E-02	—	pCi/L	—	J	168595	GU06070G08R101	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	EQB	Voa	SW-846:8260B	Chloroform	—	0.356	—	—	2.50E-01	ug/L	J	J	09-2694	CALA-09-11174	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2302	711.1	07/20/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	U	09-2694	CALA-09-11171	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	U	08-1854	CALA-08-13906	GELC
R-8	2302	711.1	07/20/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.369	—	—	3.00E-01	ug/L	J	J	09-2694	CALA-09-11173	GELC
R-8	2302	711.1	09/04/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1854	CALA-08-13906	GELC
R-8	2302	711.1	01/16/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-528	CALA-08-9947	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	5.21	—	—	7.30E-01	mg/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	11.8	—	—	7.30E-01	mg/L	—	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	16.8	—	—	7.30E-01	mg/L	—	—	08-528	CALA-08-9941	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	6.51	—	—	1.45E+00	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	95.8	—	—	7.30E-01	mg/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	84.8	—	—	7.30E-01	mg/L	—	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.1	—	—	7.30E-01	mg/L	—	—	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.3	—	—	1.45E+00	mg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.6	—	—	5.00E-02	mg/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.7	—	—	3.00E-02	mg/L	—	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.8	—	—	3.00E-02	mg/L	—	—	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.93	—	—	5.54E-03	mg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	5.00E-02	mg/L	—	—	09-2595	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.6	—	—	3.00E-02	mg/L	—	—	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.5	—	—	3.00E-02	mg/L	—	—	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.98	—	—	3.60E-02	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.27	—	—	5.54E-03	mg/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.09	—	—	6.60E-02	mg/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.75	—	—	6.60E-02	mg/L	—	J-	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.6	—	—	6.60E-02	mg/L	—	—	08-528	CALA-08-9941	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	3.25	—	—	5.30E-02	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.547	—	—	3.30E-02	mg/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.454	—	—	3.30E-02	mg/L	—	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.36	—	—	3.30E-02	mg/L	—	J-	08-528	CALA-08-9941	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.37	—	—	3.00E-02	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74.3	—	—	3.50E-01	mg/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	56.4	—	—	3.50E-01	mg/L	—	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	50.2	—	—	4.30E-01	mg/L	—	—	08-528	CALA-08-9941	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.6	—	—	3.50E-01	mg/L	—	—	09-2595	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	53.8	—	—	3.50E-01	mg/L	—	—	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.5	—	—	4.30E-01	mg/L	—	—	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.9	—	—	8.50E-02	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.96	—	—	8.50E-02	mg/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.76	—	—	8.50E-02	mg/L	—	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.45	—	—	8.50E-02	mg/L	—	—	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.62	—	—	5.18E-03	mg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.9	—	—	8.50E-02	mg/L	—	—	09-2595	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.22	—	—	8.50E-02	mg/L	—	—	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.57	—	—	8.50E-02	mg/L	—	—	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.77	—	—	8.50E-02	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.53	—	—	5.18E-03	mg/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.102	—	—	1.00E-02	mg/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.455	—	—	1.00E-02	mg/L	—	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.47	—	—	1.00E-02	mg/L	—	—	08-528	CALA-08-9941	GELC
R-8	2372	825	04/28/05	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.234	—	—	3.00E-03	mg/L	—	—	135560	GF0504G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.423	—	—	5.00E-02	ug/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.412	—	—	5.00E-02	ug/L	—	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.39	—	—	5.00E-02	ug/L	—	—	08-528	CALA-08-9941	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.14	—	—	5.00E-02	mg/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.19	—	—	5.00E-02	mg/L	—	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.45	—	—	5.00E-02	mg/L	—	—	08-528	CALA-08-9941	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2372	825	12/09/04	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.73	—	—	1.65E-02	mg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.15	—	—	5.00E-02	mg/L	—	—	09-2595	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.17	—	—	5.00E-02	mg/L	—	J	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.39	—	—	5.00E-02	mg/L	—	—	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.33	—	—	5.00E-02	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.72	—	—	1.65E-02	mg/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	55.7	—	—	3.20E-02	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.9	—	—	1.00E-01	mg/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.5	—	—	4.50E-02	mg/L	—	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.3	—	—	4.50E-02	mg/L	—	—	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.8	—	—	1.44E-02	mg/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.6	—	—	1.00E-01	mg/L	—	—	09-2595	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.3	—	—	4.50E-02	mg/L	—	—	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17	—	—	4.50E-02	mg/L	—	—	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.2	—	—	4.50E-02	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.9	—	—	1.44E-02	mg/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	209	—	—	1.00E+00	uS/cm	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	193	—	—	1.00E+00	uS/cm	—	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	182	—	—	1.00E+00	uS/cm	—	—	08-528	CALA-08-9941	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.35	—	—	1.00E-01	mg/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.08	—	—	1.00E-01	mg/L	—	J-	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.72	—	—	1.00E-01	mg/L	—	—	08-528	CALA-08-9941	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.21	—	—	5.70E-02	mg/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	180	—	—	2.40E+00	mg/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	161	—	—	2.40E+00	mg/L	—	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	161	—	—	2.40E+00	mg/L	—	—	08-528	CALA-08-9941	GELC
R-8	2372	825	04/28/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.38E+00	mg/L	—	J	135560	GU0504G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.57	—	—	1.00E-02	SU	H	J-	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.71	—	—	1.00E-02	SU	H	J-	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.98	—	—	1.00E-02	SU	H	J-	08-528	CALA-08-9941	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	183	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	157	—	—	1.00E+00	ug/L	—	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	169	—	—	1.00E+00	ug/L	—	—	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	139	—	—	2.22E-01	ug/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	182	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	146	—	—	1.00E+00	ug/L	—	—	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	170	—	—	1.00E+00	ug/L	—	—	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	121	—	—	1.00E+00	ug/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	114	—	—	2.22E-01	ug/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	36.8	—	—	1.50E+01	ug/L	J	J	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	37.1	—	—	1.00E+01	ug/L	J	U	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	39.6	—	—	1.00E+01	ug/L	J	U	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	37.7	—	—	4.88E+00	ug/L	J	U	127273	GF0411G08R201	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	35.9	—	—	1.50E+01	ug/L	J	J	09-2595	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	25	—	—	1.00E+01	ug/L	J	J	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	41.8	—	—	1.00E+01	ug/L	J	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	31.5	—	—	1.00E+01	ug/L	J	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	35.8	—	—	4.88E+00	ug/L	J	U	127273	GU0411G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	6.79	—	—	2.50E+00	ug/L	J	J	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5	—	—	1.50E+00	ug/L	*	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.9	—	—	2.50E+00	ug/L	J	J	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	3.7	—	—	5.03E-01	ug/L	J	—	127273	GF0411G08R201	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.81	—	—	2.50E+00	ug/L	J	J	09-2595	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	1.50E+00	ug/L	—	—	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.1	—	—	2.50E+00	ug/L	J	J	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	3.1	—	—	1.00E+00	ug/L	J	—	135560	GU0504G08R201	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	7.3	—	—	5.03E-01	ug/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.9	—	—	2.00E+00	ug/L	J	J	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6020	Manganese	<	1.61	—	—	1.61E+00	ug/L	U	—	127273	GF0411G08R201	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.25	—	—	2.00E+00	ug/L	J	J	09-2595	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2.00E+00	ug/L	U	U	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.9	—	—	2.00E+00	ug/L	J	J	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Metals	SW-846:6020	Manganese	—	2.7	—	—	1.00E+00	ug/L	J	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6020	Manganese	—	8.5	—	—	1.61E+00	ug/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.33	—	—	1.00E-01	ug/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	1.00E-01	ug/L	*	J	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.7	—	—	2.00E-01	ug/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.33	—	—	1.00E-01	ug/L	—	—	09-2595	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	1.00E-01	ug/L	—	U	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	1.00E-01	ug/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.7	—	—	2.00E-01	ug/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.34	—	—	5.00E-01	ug/L	J	J	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.59	—	—	5.00E-01	ug/L	J*	J	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6010B	Nickel	<	0.69	—	—	6.90E-01	ug/L	U	—	127273	GF0411G08R201	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.26	—	—	5.00E-01	ug/L	J	J	09-2595	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	5.00E-01	ug/L	U	U	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	5.00E-01	ug/L	J	J	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	<	1	—	—	1.00E+00	ug/L	U	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	—	1.8	—	—	6.90E-01	ug/L	J	—	127273	GU0411G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73	—	—	5.30E-02	mg/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.3	—	—	3.20E-02	mg/L	—	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.8	—	—	3.20E-02	mg/L	—	—	08-528	CALA-08-9941	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	164	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	149	—	—	1.00E+00	ug/L	—	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	162	—	—	1.00E+00	ug/L	—	—	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	206	—	—	1.78E-01	ug/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	156	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	138	—	—	1.00E+00	ug/L	—	—	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	166	—	—	1.00E+00	ug/L	—	—	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	162	—	—	1.00E+00	ug/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	187	—	—	1.78E-01	ug/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.784	—	—	5.00E-02	ug/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.81	—	—	5.00E-02	ug/L	*	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.72	—	—	5.00E-02	ug/L	—	J	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	2.00E-02	ug/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	08/25/04	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.71	—	—	2.00E-02	ug/L	—	—	120126	GF0407G08R201	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.841	—	—	5.00E-02	ug/L	—	—	09-2595	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.84	—	—	5.00E-02	ug/L	—	—	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.79	—	—	5.00E-02	ug/L	—	J	08-528	CALA-08-9940	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.97	—	—	2.00E-02	ug/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	08/25/04	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.75	—	—	2.00E-02	ug/L	—	—	120126	GU0407G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.8	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11	—	—	1.00E+00	ug/L	—	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.4	—	—	1.00E+00	ug/L	—	—	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.4	—	—	6.06E-01	ug/L	—	—	127273	GF0411G08R201	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	ug/L	—	—	09-2595	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.4	—	—	1.00E+00	ug/L	—	—	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.1	—	—	1.00E+00	ug/L	—	—	08-528	CALA-08-9940	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2372	825	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	9.6	—	—	1.00E+00	ug/L	—	—	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.4	—	—	6.06E-01	ug/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	07/09/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.96	—	—	3.30E+00	ug/L	J	J	09-2595	CALA-09-11178	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.8	—	—	2.00E+00	ug/L	J	J	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3	—	—	2.00E+00	ug/L	J	J	08-528	CALA-08-9941	GELC
R-8	2372	825	12/09/04	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	0.883	—	—	8.83E-01	ug/L	U	—	127273	GF0411G08R201	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	9.26	—	—	3.30E+00	ug/L	J	J	09-2595	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	3.8	—	—	2.00E+00	ug/L	J	U	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.8	—	—	2.00E+00	ug/L	J	J	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2.5	—	—	2.00E+00	ug/L	J	U	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	1	—	—	8.83E-01	ug/L	J	—	127273	GU0411G08R201	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00453	1.47E-03	3.00E-02	—	pCi/L	U	U	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.002	2.00E-03	3.30E-02	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0235	3.20E-03	3.00E-02	—	pCi/L	U	U	09-2594	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00306	1.43E-03	3.20E-02	—	pCi/L	U	U	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00333	1.93E-03	3.00E-02	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0468	5.57E-03	6.70E-02	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	Alpha Spec	Americium-241	<	-0.0084	1.99E-03	3.30E-02	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-3.22	2.12E+00	1.93E+01	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.817	4.67E-01	4.70E+00	—	pCi/L	U	U	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.997	3.00E-01	2.80E+00	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.269	3.67E-01	3.80E+00	—	pCi/L	U	U	09-2594	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.64	4.33E-01	3.90E+00	—	pCi/L	U	U	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.86	3.67E-01	3.50E+00	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.461	2.11E-01	2.19E+00	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.348	3.33E-01	3.46E+00	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.12	4.67E-01	4.70E+00	—	pCi/L	U	U	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.255	2.57E-01	2.70E+00	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.33	3.67E-01	3.50E+00	—	pCi/L	U	U	09-2594	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.18	4.67E-01	5.00E+00	—	pCi/L	U	U	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0586	4.33E-01	3.60E+00	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.17	2.17E-01	2.29E+00	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.256	3.23E-01	3.41E+00	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.634	1.23E-01	2.90E+00	—	pCi/L	U	U	09-2594	CALA-09-11176	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.8	2.90E-01	2.40E+00	—	pCi/L	—	—	09-2594	CALA-09-11176	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.13	2.52E-01	2.38E+00	—	pCi/L	—	J	135560	GU0504G08R201	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	19.2	9.33E+00	2.20E+01	—	pCi/L	U	U	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	55.8	1.00E+02	2.00E+02	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	23.5	1.10E+01	5.10E+01	—	pCi/L	U	U	09-2594	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	9.73	4.33E+00	3.30E+01	—	pCi/L	U	U	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	82.8	2.13E+01	2.60E+02	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	65.6	1.50E+01	2.04E+02	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	04/27/04	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	132	3.63E+01	4.30E+02	—	pCi/L	U	U	112037	GU0404G08R201	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.95	3.00E+00	3.10E+01	—	pCi/L	U	U	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.37	2.70E+00	2.40E+01	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.86	3.67E+00	3.50E+01	—	pCi/L	U	U	09-2594	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16.1	3.33E+00	3.20E+01	—	pCi/L	U	U	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.42	2.93E+00	2.50E+01	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.09	1.89E+00	1.94E+01	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00349	2.60E-03	5.30E-02	—	pCi/L	U	U	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00558	3.23E-03	5.10E-02	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0133	2.97E-03	3.50E-02	—	pCi/L	U	U	09-2594	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00946	1.83E-03	4.80E-02	—	pCi/L	U	U	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0112	3.33E-03	4.10E-02	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0167	4.63E-03	4.30E-02	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-238	<	1.11E-10	8.83E-04	2.60E-02	—	pCi/L	U	U	127273	GU0411G08R201	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2372	825	09/03/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00697	3.30E-03	6.00E-02	—	pCi/L	U	U	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0112	2.93E-03	6.00E-02	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0089	2.97E-03	4.40E-02	—	pCi/L	U	U	09-2594	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0126	2.10E-03	5.40E-02	—	pCi/L	U	U	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-1.07E-09	2.10E-03	4.80E-02	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00209	3.19E-03	3.70E-02	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-239/240	<	-0.00187	1.08E-03	2.30E-02	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-0.927	7.33E+00	6.80E+01	—	pCi/L	U	U	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-5.87	4.33E+00	4.40E+01	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.5	5.33E+00	5.40E+01	—	pCi/L	U	U	09-2594	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-36.3	5.67E+00	5.90E+01	—	pCi/L	U	U	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	11.8	6.00E+00	3.30E+01	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	39.9	9.23E+00	2.47E+01	—	pCi/L	UI	R	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	22.8	7.17E+00	3.17E+01	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.315	5.00E-02	4.60E-01	—	pCi/L	U	U	09-2594	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.496	6.67E-02	5.70E-01	—	pCi/L	U	U	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.376	6.67E-02	6.30E-01	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.43	5.93E-02	5.24E-01	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	22.2	1.67E+00	6.81E+00	—	pCi/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.15	9.33E-02	6.00E-01	—	pCi/L	—	—	09-2594	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.391	6.33E-02	5.90E-01	—	pCi/L	U	U	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.486	6.33E-02	5.30E-01	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.574	4.00E-01	3.60E+00	—	pCi/L	U	U	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.26	2.83E-01	2.20E+00	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.284	4.00E-01	4.10E+00	—	pCi/L	U	U	09-2594	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.76	4.67E-01	4.00E+00	—	pCi/L	U	U	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.869	4.00E-01	3.70E+00	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.585	2.26E-01	2.29E+00	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.94	4.00E-01	3.70E+00	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0646	2.17E-02	2.80E-01	—	pCi/L	U	U	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0997	4.33E-02	4.90E-01	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.36	6.00E-02	3.50E-01	—	pCi/L	—	—	09-2594	CALA-09-11176	GELC
R-8	2372	825	07/09/09	WG	UF	RE	—	Rad	EPA:905.0	Strontium-90	<	0.0433	4.33E-02	4.70E-01	—	pCi/L	U	U	09-2594	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00189	1.43E-02	1.50E-01	—	pCi/L	U	U	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.429	5.00E-02	4.40E-01	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.219	2.56E-02	2.86E-01	—	pCi/L	U	U	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	GFPC	Strontium-90	<	-0.125	1.43E-02	2.26E-01	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.612	2.40E-02	1.80E-01	—	pCi/L	—	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.494	1.50E-02	8.30E-02	—	pCi/L	—	—	08-528	CALA-08-9941	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.591	1.90E-02	9.60E-02	—	pCi/L	—	—	09-2594	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.57	1.63E-02	7.50E-02	—	pCi/L	—	—	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.539	1.57E-02	7.80E-02	—	pCi/L	—	—	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.571	1.57E-02	7.60E-02	—	pCi/L	—	J	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-234	—	0.614	1.63E-02	7.30E-02	—	pCi/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	3.07E-03	9.60E-02	—	pCi/L	U	U	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00579	2.73E-03	4.10E-02	—	pCi/L	U	U	08-528	CALA-08-9941	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0247	3.67E-03	4.70E-02	—	pCi/L	U	U	09-2594	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0189	2.73E-03	4.00E-02	—	pCi/L	U	U	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0136	2.73E-03	3.90E-02	—	pCi/L	U	U	08-528	CALA-08-9940	GELC
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0572	4.40E-03	4.60E-02	—	pCi/L	—	J	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-235/236	<	0.0305	3.63E-03	4.70E-02	—	pCi/L	U	U	127273	GU0411G08R201	GELC
R-8	2372	825	09/03/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.241	1.40E-02	9.40E-02	—	pCi/L	—	—	08-1847	CALA-08-13908	GELC
R-8	2372	825	01/15/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.215	9.33E-03	4.90E-02	—	pCi/L	—	—	08-528	CALA-08-9941	GELC
R-8	2372	825	07/09/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.238	1.00E-02	4.70E-02	—	pCi/L	—	—	09-2594	CALA-09-11176	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.238	9.33E-03	3.90E-02	—	pCi/L	—	—	08-1832	CALA-08-13909	GELC
R-8	2372	825	01/15/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.259	9.67E-03	4.60E-02	—	pCi/L	—	—	08-528	CALA-08-9940	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-8	2372	825	04/28/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.273	9.80E-03	5.40E-02	—	pCi/L	—	J	135560	GU0504G08R201	GELC
R-8	2372	825	12/09/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-238	—	0.337	1.10E-02	5.20E-02	—	pCi/L	—	—	127273	GU0411G08R201	GELC
R-8	2372	825	07/09/09	WG	UF	CS	EQB	Voa	SW-846:8260B	Chloroform	—	0.31	—	—	2.50E-01	ug/L	J	J	09-2593	CALA-09-11177	GELC
R-8	2372	825	09/03/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	U	08-1832	CALA-08-13909	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	111	—	—	7.30E-01	mg/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	111	—	—	7.30E-01	mg/L	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	01/08/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	110	—	—	7.30E-01	mg/L	—	—	09-593	CALA-09-1765	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	112	—	—	7.30E-01	mg/L	—	—	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	111	—	—	7.30E-01	mg/L	—	—	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	107	—	—	7.25E-01	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	5.00E-02	mg/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	5.00E-02	mg/L	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.3	—	—	3.00E-02	mg/L	—	—	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.3	—	—	3.00E-02	mg/L	—	—	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	3.00E-02	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.2	—	—	3.60E-02	mg/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	22.9	—	—	5.00E-02	mg/L	—	—	09-2615	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.3	—	—	5.00E-02	mg/L	—	—	09-2615	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	3.00E-02	mg/L	—	—	08-1782	CALA-08-13913	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.2	—	—	3.00E-02	mg/L	—	—	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	3.00E-02	mg/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.4	—	—	3.60E-02	mg/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	5.95	—	—	6.60E-02	mg/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.02	—	—	6.60E-02	mg/L	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	01/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.04	—	—	6.60E-02	mg/L	—	—	09-593	CALA-09-1765	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.85	—	—	6.60E-02	mg/L	—	—	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	6.64	—	—	6.60E-02	mg/L	—	—	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.72	—	—	6.60E-02	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.349	—	—	3.30E-02	mg/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.328	—	—	3.30E-02	mg/L	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	01/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.331	—	—	3.30E-02	mg/L	—	—	09-593	CALA-09-1765	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.315	—	—	3.30E-02	mg/L	—	—	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.308	—	—	3.30E-02	mg/L	—	—	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.326	—	—	3.30E-02	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	84.8	—	—	3.50E-01	mg/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	82.4	—	—	3.50E-01	mg/L	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	83.9	—	—	3.50E-01	mg/L	—	—	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	82.2	—	—	4.30E-01	mg/L	—	—	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80.3	—	—	4.25E-01	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	85.9	—	—	4.40E-01	mg/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	86.9	—	—	3.50E-01	mg/L	—	—	09-2615	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	85	—	—	3.50E-01	mg/L	—	—	09-2615	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	83.7	—	—	3.50E-01	mg/L	—	—	08-1782	CALA-08-13913	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	78.8	—	—	4.30E-01	mg/L	—	—	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	79.5	—	—	4.25E-01	mg/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.3	—	—	4.40E-01	mg/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	7.1	—	—	8.50E-02	mg/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.87	—	—	8.50E-02	mg/L	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.86	—	—	8.50E-02	mg/L	—	—	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.42	—	—	8.50E-02	mg/L	—	—	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.25	—	—	8.50E-02	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.76	—	—	8.50E-02	mg/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	7.21	—	—	8.50E-02	mg/L	—	—	09-2615	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.1	—	—	8.50E-02	mg/L	—	—	09-2615	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.1	—	—	8.50E-02	mg/L	—	—	08-1782	CALA-08-13913	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.28	—	—	8.50E-02	mg/L	—	—	08-476	CALA-08-9875	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9	1731	684	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.32	—	—	8.50E-02	mg/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.37	—	—	8.50E-02	mg/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.715	—	—	5.00E-02	mg/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.705	—	—	5.00E-02	mg/L	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	01/08/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.645	—	—	5.00E-02	mg/L	—	—	09-593	CALA-09-1765	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.243	—	—	1.00E-02	mg/L	—	J	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.76	—	—	5.00E-02	mg/L	—	—	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.755	—	—	5.00E-02	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	1.08	—	—	1.00E-01	ug/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	1.03	—	—	1.00E-01	ug/L	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	01/08/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.953	—	—	5.00E-02	ug/L	—	—	09-593	CALA-09-1765	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.926	—	—	1.00E-01	ug/L	—	—	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.972	—	—	5.00E-02	ug/L	—	J	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.986	—	—	5.00E-02	ug/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	190028	GF070700G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.49	—	—	5.00E-02	mg/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.36	—	—	5.00E-02	mg/L	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.78	—	—	5.00E-02	mg/L	—	—	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.43	—	—	5.00E-02	mg/L	E	—	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.32	—	—	5.00E-02	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.67	—	—	5.00E-02	mg/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.59	—	—	5.00E-02	mg/L	—	—	09-2615	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.49	—	—	5.00E-02	mg/L	—	—	09-2615	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.85	—	—	5.00E-02	mg/L	—	—	08-1782	CALA-08-13913	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.42	—	—	5.00E-02	mg/L	E	J	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.34	—	—	5.00E-02	mg/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.58	—	—	5.00E-02	mg/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	71.2	—	—	3.20E-02	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	17.8	—	—	1.00E-01	mg/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.7	—	—	1.00E-01	mg/L	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.8	—	—	4.50E-02	mg/L	N	J-	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17	—	—	4.50E-02	mg/L	—	—	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.1	—	—	4.50E-02	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.5	—	—	4.50E-02	mg/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	18	—	—	1.00E-01	mg/L	—	—	09-2615	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.3	—	—	1.00E-01	mg/L	—	—	09-2615	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.9	—	—	4.50E-02	mg/L	N	J-	08-1782	CALA-08-13913	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.4	—	—	4.50E-02	mg/L	—	—	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.2	—	—	4.50E-02	mg/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18	—	—	4.50E-02	mg/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	249	—	—	1.00E+00	uS/cm	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	250	—	—	1.00E+00	uS/cm	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	01/08/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	249	—	—	1.00E+00	uS/cm	—	—	09-593	CALA-09-1765	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	248	—	—	1.00E+00	uS/cm	—	—	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	241	—	—	1.00E+00	uS/cm	—	—	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	264	—	—	1.00E+00	uS/cm	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	5.83	—	—	1.00E-01	mg/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.92	—	—	1.00E-01	mg/L	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	01/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.07	—	—	1.00E-01	mg/L	—	—	09-593	CALA-09-1765	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.9	—	—	1.00E-01	mg/L	—	—	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.75	—	—	1.00E-01	mg/L	—	—	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.58	—	—	1.00E-01	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	205	—	—	2.40E+00	mg/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	201	—	—	2.40E+00	mg/L	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	01/08/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	189	—	—	2.40E+00	mg/L	—	—	09-593	CALA-09-1765	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	204	—	—	2.40E+00	mg/L	—	—	08-1782	CALA-08-13911	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	195	—	—	2.40E+00	mg/L	—	—	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	206	—	—	2.38E+00	mg/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.042	—	—	1.50E-02	mg/L	J	J	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.039	—	—	1.50E-02	mg/L	J	J	09-2615	CALA-09-11166	GELC
R-9	1731	684	01/08/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.054	—	—	2.40E-02	mg/L	—	—	09-593	CALA-09-1765	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.05	—	—	2.40E-02	mg/L	U	U	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.049	—	—	2.40E-02	mg/L	J	J	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.024	—	—	2.40E-02	mg/L	U	—	190028	GF070700G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	8.15	—	—	1.00E-02	SU	H	J-	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.18	—	—	1.00E-02	SU	H	J-	09-2615	CALA-09-11166	GELC
R-9	1731	684	01/08/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.07	—	—	1.00E-02	SU	H	J-	09-593	CALA-09-1765	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.1	—	—	1.00E-02	SU	H	J-	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.13	—	—	1.00E-02	SU	H	J-	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.11	—	—	1.00E-02	SU	H	J	190028	GF070700G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	192	—	—	1.00E+00	ug/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	186	—	—	1.00E+00	ug/L	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	186	—	—	1.00E+00	ug/L	—	—	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	180	—	—	1.00E+00	ug/L	—	—	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	190	—	—	1.00E+00	ug/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	206	—	—	1.00E+00	ug/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	197	—	—	1.00E+00	ug/L	—	—	09-2615	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	195	—	—	1.00E+00	ug/L	—	—	09-2615	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	193	—	—	1.00E+00	ug/L	—	—	08-1782	CALA-08-13913	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	176	—	—	1.00E+00	ug/L	—	—	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	197	—	—	1.00E+00	ug/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	193	—	—	1.00E+00	ug/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	50.2	—	—	1.50E+01	ug/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	47.9	—	—	1.50E+01	ug/L	J	J	09-2615	CALA-09-11166	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	44.7	—	—	1.00E+01	ug/L	J	J	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	46.2	—	—	1.00E+01	ug/L	J	J	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	45.7	—	—	1.00E+01	ug/L	J	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	49.9	—	—	1.00E+01	ug/L	J	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	50.4	—	—	1.50E+01	ug/L	—	—	09-2615	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	50.4	—	—	1.50E+01	ug/L	—	—	09-2615	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	41	—	—	1.00E+01	ug/L	J	J	08-1782	CALA-08-13913	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	44.5	—	—	1.00E+01	ug/L	J	J	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	44.9	—	—	1.00E+01	ug/L	J	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	46	—	—	1.00E+01	ug/L	J	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	4.8	—	—	2.50E+00	ug/L	J	J	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.06	—	—	2.50E+00	ug/L	J	J	09-2615	CALA-09-11166	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.8	—	—	1.50E+00	ug/L	—	—	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.8	—	—	2.50E+00	ug/L	J	J	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3.3	—	—	1.00E+00	ug/L	—	U	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.3	—	—	1.00E+00	ug/L	J	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	4.99	—	—	2.50E+00	ug/L	J	J	09-2615	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.4	—	—	2.50E+00	ug/L	J	J	09-2615	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.8	—	—	1.50E+00	ug/L	—	—	08-1782	CALA-08-13913	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.6	—	—	2.50E+00	ug/L	J	J	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3.3	—	—	1.00E+00	ug/L	—	U	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.2	—	—	1.00E+00	ug/L	J	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Metals	SW-846:6010B	Manganese	—	2.33	—	—	2.00E+00	ug/L	J	J	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.29	—	—	2.00E+00	ug/L	J	J	09-2615	CALA-09-11166	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.5	—	—	2.00E+00	ug/L	J	J	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.3	—	—	2.00E+00	ug/L	J	J	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.5	—	—	2.00E+00	ug/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	16	—	—	2.00E+00	ug/L	—	—	184003	GF070400G09R01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9	1731	684	07/13/09	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	2.47	—	—	2.00E+00	ug/L	J	J	09-2615	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.62	—	—	2.00E+00	ug/L	J	J	09-2615	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.6	—	—	2.00E+00	ug/L	J	J	08-1782	CALA-08-13913	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.3	—	—	2.00E+00	ug/L	J	J	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	12.2	—	—	2.00E+00	ug/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	15.8	—	—	2.00E+00	ug/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.44	—	—	1.00E-01	ug/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.41	—	—	1.00E-01	ug/L	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.4	—	—	1.00E-01	ug/L	—	U	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.3	—	—	2.00E+00	ug/L	J	U	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.3	—	—	2.00E+00	ug/L	J	U	184003	GF070400G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.43	—	—	1.00E-01	ug/L	—	—	09-2615	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.43	—	—	1.00E-01	ug/L	—	—	09-2615	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	1.00E-01	ug/L	—	U	08-1782	CALA-08-13913	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	10	—	—	2.00E+00	ug/L	U	U	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.3	—	—	2.00E+00	ug/L	J	U	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2.00E+00	ug/L	U	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	77.2	—	—	5.30E-02	mg/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	75.1	—	—	5.30E-02	mg/L	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	01/08/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	76.3	—	—	3.20E-02	mg/L	—	—	09-593	CALA-09-1765	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74.2	—	—	3.20E-02	mg/L	—	—	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.7	—	—	3.20E-02	mg/L	—	—	08-476	CALA-08-9876	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	186	—	—	1.00E+00	ug/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	176	—	—	1.00E+00	ug/L	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	168	—	—	1.00E+00	ug/L	—	—	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	168	—	—	1.00E+00	ug/L	—	—	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	171	—	—	1.00E+00	ug/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	184	—	—	1.00E+00	ug/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	190	—	—	1.00E+00	ug/L	—	—	09-2615	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	183	—	—	1.00E+00	ug/L	—	—	09-2615	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	170	—	—	1.00E+00	ug/L	—	—	08-1782	CALA-08-13913	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	164	—	—	1.00E+00	ug/L	—	—	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	176	—	—	1.00E+00	ug/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	174	—	—	1.00E+00	ug/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	1.81	—	—	5.00E-02	ug/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.71	—	—	5.00E-02	ug/L	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	2	—	—	5.00E-02	ug/L	—	—	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	ug/L	—	—	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.7	—	—	5.00E-02	ug/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	5.00E-02	ug/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	1.68	—	—	5.00E-02	ug/L	—	—	09-2615	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.78	—	—	5.00E-02	ug/L	—	—	09-2615	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.8	—	—	5.00E-02	ug/L	—	—	08-1782	CALA-08-13913	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	ug/L	—	—	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	5.00E-02	ug/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.9	—	—	5.00E-02	ug/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	07/13/09	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	11.6	—	—	1.00E+00	ug/L	—	—	09-2615	CALA-09-11169	GELC
R-9	1731	684	07/13/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.3	—	—	1.00E+00	ug/L	—	—	09-2615	CALA-09-11166	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.2	—	—	1.00E+00	ug/L	—	—	08-1782	CALA-08-13911	GELC
R-9	1731	684	01/10/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.6	—	—	1.00E+00	ug/L	—	J	08-476	CALA-08-9876	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	ug/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	04/10/07	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	11.4	—	—	1.00E+00	ug/L	—	—	184003	GF070400G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	11.9	—	—	1.00E+00	ug/L	—	—	09-2615	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.9	—	—	1.00E+00	ug/L	—	—	09-2615	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.3	—	—	1.00E+00	ug/L	—	—	08-1782	CALA-08-13913	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9	1731	684	01/10/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.9	—	—	1.00E+00	ug/L	—	J	08-476	CALA-08-9875	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.4	—	—	1.00E+00	ug/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	04/10/07	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.8	—	—	1.00E+00	ug/L	—	—	184003	GU070400G09R01	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.000125	7.33E-04	3.10E-02	—	pCi/L	U	U	08-1783	CALA-08-13911	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0194	2.77E-03	3.28E-02	—	pCi/L	U	U	190028	GF070700G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00554	8.90E-04	2.13E-02	—	pCi/L	U	U	168378	GF060700G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	0.00458	3.33E-03	4.30E-02	—	pCi/L	U	U	09-2616	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00733	3.17E-03	3.50E-02	—	pCi/L	U	U	09-2616	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00133	1.40E-03	2.50E-02	—	pCi/L	U	U	08-1783	CALA-08-13913	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00817	2.05E-03	3.09E-02	—	pCi/L	U	U	190028	GU070700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00359	1.58E-03	2.16E-02	—	pCi/L	U	U	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0148	4.33E-03	4.70E-02	—	pCi/L	U	U	135560	GU05040G09R01	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.72	4.67E-01	5.00E+00	—	pCi/L	U	U	08-1783	CALA-08-13911	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.15	2.80E-01	2.46E+00	—	pCi/L	U	U	190028	GF070700G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.448	3.97E-01	4.43E+00	—	pCi/L	U	U	168378	GF060700G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	0.144	5.33E-01	5.00E+00	—	pCi/L	U	U	09-2616	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.23	5.33E-01	5.20E+00	—	pCi/L	U	U	09-2616	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.83	4.00E-01	4.20E+00	—	pCi/L	U	U	08-1783	CALA-08-13913	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.94	4.47E-01	4.78E+00	—	pCi/L	U	U	190028	GU070700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.122	3.57E-01	3.79E+00	—	pCi/L	U	U	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.15	3.16E-01	3.31E+00	—	pCi/L	U	U	135560	GU05040G09R01	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.78	4.67E-01	4.10E+00	—	pCi/L	U	U	08-1783	CALA-08-13911	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.31	2.54E-01	2.69E+00	—	pCi/L	U	U	190028	GF070700G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.237	4.27E-01	4.85E+00	—	pCi/L	U	U	168378	GF060700G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	-3.09	4.33E-01	3.20E+00	—	pCi/L	U	U	09-2616	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.706	3.67E-01	4.00E+00	—	pCi/L	U	U	09-2616	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.27	4.00E-01	4.60E+00	—	pCi/L	U	U	08-1783	CALA-08-13913	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.76	6.00E-01	4.65E+00	—	pCi/L	U	U	190028	GU070700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.583	4.30E-01	4.23E+00	—	pCi/L	U	U	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.601	3.08E-01	3.59E+00	—	pCi/L	U	U	135560	GU05040G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Rad	EPA:900	Gross alpha/beta	<	1.23	2.73E-01	2.70E+00	—	pCi/L	U	U	09-2616	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.96	3.17E-01	2.70E+00	—	pCi/L	U	U	09-2616	CALA-09-11165	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.76	3.25E-01	2.99E+00	—	pCi/L	U	U	190028	GF070700G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.95	3.18E-01	2.76E+00	—	pCi/L	—	J	168378	GF060700G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Rad	EPA:900	Gross beta	—	4.05	1.93E-01	1.40E+00	—	pCi/L	—	—	09-2616	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.56	4.67E-01	4.00E+00	—	pCi/L	—	—	09-2616	CALA-09-11165	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.5	2.96E-01	2.51E+00	—	pCi/L	—	J	190028	GU070700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.1	2.45E-01	2.53E+00	—	pCi/L	—	J	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.71	2.48E-01	2.48E+00	—	pCi/L	—	J	135560	GU05040G09R01	GELC
R-9	1731	684	05/27/04	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.19	1.72E-01	2.00E+00	—	pCi/L	U	U	113901	GU04050G09R01	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	62	1.70E+01	2.40E+02	—	pCi/L	U	U	08-1783	CALA-08-13911	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	76.5	1.55E+01	2.47E+02	—	pCi/L	U	U	190028	GF070700G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	61.2	1.76E+01	1.97E+02	—	pCi/L	U	U	168378	GF060700G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	102	4.33E+01	1.30E+02	—	pCi/L	U	U	09-2616	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	78.7	1.70E+01	6.10E+01	—	pCi/L	—	U	09-2616	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15.4	4.67E+00	3.20E+01	—	pCi/L	U	U	08-1783	CALA-08-13913	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	111	4.13E+01	3.62E+02	—	pCi/L	U	U	190028	GU070700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	51.4	1.30E+01	1.79E+02	—	pCi/L	U	U	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	115	3.37E+01	5.20E+02	—	pCi/L	U	U	135560	GU05040G09R01	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.19	4.00E+00	3.90E+01	—	pCi/L	U	U	08-1783	CALA-08-13911	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.24	2.26E+00	1.43E+01	—	pCi/L	U	U	190028	GF070700G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.13	2.65E+00	2.79E+01	—	pCi/L	U	U	168378	GF060700G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	19.5	4.00E+00	4.00E+01	—	pCi/L	U	U	09-2616	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.58	3.67E+00	3.60E+01	—	pCi/L	U	U	09-2616	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-24.2	3.67E+00	3.30E+01	—	pCi/L	U	U	08-1783	CALA-08-13913	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	17.8	3.70E+00	3.18E+01	—	pCi/L	U	U	190028	GU070700G09R01	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9	1731	684	07/31/06	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.64	2.95E+00	2.69E+01	—	pCi/L	U	U	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.83	2.75E+00	2.43E+01	—	pCi/L	U	U	135560	GU05040G09R01	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0104	2.30E-03	2.40E-02	—	pCi/L	U	U	08-1783	CALA-08-13911	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00284	4.93E-03	3.98E-02	—	pCi/L	U	U	190028	GF070700G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00711	1.37E-03	2.28E-02	—	pCi/L	U	U	168378	GF060700G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.0138	2.87E-03	3.70E-02	—	pCi/L	U	U	09-2616	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00597	1.33E-03	3.20E-02	—	pCi/L	U	U	09-2616	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00347	2.60E-03	2.40E-02	—	pCi/L	U	U	08-1783	CALA-08-13913	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00609	2.03E-03	2.84E-02	—	pCi/L	U	U	190028	GU070700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00361	2.69E-03	3.47E-02	—	pCi/L	U	U	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0194	5.23E-03	4.50E-02	—	pCi/L	U	U	135560	GU05040G09R01	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0104	1.43E-03	3.00E-02	—	pCi/L	U	U	08-1783	CALA-08-13911	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00284	2.51E-03	4.41E-02	—	pCi/L	U	U	190028	GF070700G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00474	1.58E-03	2.65E-02	—	pCi/L	U	JN-, U	168378	GF060700G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0.00689	2.03E-03	4.50E-02	—	pCi/L	U	U	09-2616	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00199	2.00E-03	3.90E-02	—	pCi/L	U	U	09-2616	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-8.27E-10	1.63E-03	3.00E-02	—	pCi/L	U	U	08-1783	CALA-08-13913	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00203	6.77E-04	3.15E-02	—	pCi/L	U	U	190028	GU070700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00361	2.08E-03	4.04E-02	—	pCi/L	U	U, JN-	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0151	2.60E-03	3.80E-02	—	pCi/L	U	U	135560	GU05040G09R01	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	7.75	8.33E+00	4.70E+01	—	pCi/L	U	U	08-1783	CALA-08-13911	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-25.6	4.37E+00	3.29E+01	—	pCi/L	U	U	190028	GF070700G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	34	4.07E+00	5.42E+01	—	pCi/L	U	U	168378	GF060700G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	15.9	5.00E+00	5.30E+01	—	pCi/L	U	U	09-2616	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	5.38	5.67E+00	5.50E+01	—	pCi/L	U	U	09-2616	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-29.7	6.00E+00	6.10E+01	—	pCi/L	U	U	08-1783	CALA-08-13913	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-16	6.80E+00	6.38E+01	—	pCi/L	U	U	190028	GU070700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	27.8	4.53E+00	5.57E+01	—	pCi/L	U	U	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	25.1	6.50E+00	2.82E+01	—	pCi/L	U	U	135560	GU05040G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.446	3.33E-02	1.50E-01	—	pCi/L	—	—	09-2616	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	-0.0537	3.10E-02	4.10E-01	—	pCi/L	U	U	08-1783	CALA-08-13913	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.14	9.00E-02	5.20E-01	—	pCi/L	—	—	08-476	CALA-08-9875	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.364	4.73E-02	3.97E-01	—	pCi/L	U	U	135560	GU05040G09R01	GELC
R-9	1731	684	05/27/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	3.07	8.87E-01	7.20E+00	—	pCi/L	U	U	113901	GU04050G09R01	GELC
R-9	1731	684	05/27/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.316	6.23E-02	5.92E-01	—	pCi/L	U	U	113901	GU04050G09R01	GELC
R-9	1731	684	05/27/04	WG	UF	DUP	—	Rad	EPA:901.1	Radium-226	<	7	7.60E-01	8.83E+00	—	pCi/L	U	—	113901	GU04050G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	2.24	1.60E-01	8.70E-01	—	pCi/L	—	—	09-2616	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.566	5.67E-02	4.10E-01	—	pCi/L	—	—	08-1783	CALA-08-13913	GELC
R-9	1731	684	01/10/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.473	6.33E-02	5.40E-01	—	pCi/L	U	U	08-476	CALA-08-9875	GELC
R-9	1731	684	05/27/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	5.05	1.17E+00	1.35E+01	—	pCi/L	U	U	113901	GU04050G09R01	GELC
R-9	1731	684	05/27/04	WG	UF	DUP	—	Rad	EPA:901.1	Radium-228	<	3.89	1.25E+00	1.40E+01	—	pCi/L	U	—	113901	GU04050G09R01	GELC
R-9	1731	684	12/12/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	16.1	2.46E+00	2.99E+01	—	pCi/L	U	U	103702	GU03120G09R01	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.603	4.33E-01	4.30E+00	—	pCi/L	U	U	08-1783	CALA-08-13911	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.81	3.40E-01	2.49E+00	—	pCi/L	U	U	190028	GF070700G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.672	3.43E-01	3.82E+00	—	pCi/L	U	U	168378	GF060700G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	-1.15	5.33E-01	5.00E+00	—	pCi/L	U	U	09-2616	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.326	4.33E-01	4.30E+00	—	pCi/L	U	U	09-2616	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.149	4.33E-01	4.50E+00	—	pCi/L	U	U	08-1783	CALA-08-13913	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.462	3.90E-01	4.00E+00	—	pCi/L	U	U	190028	GU070700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	7.19	7.37E-01	3.48E+00	—	pCi/L	UI	R	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.5	2.92E-01	3.65E+00	—	pCi/L	U	U	135560	GU05040G09R01	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0942	3.33E-02	3.50E-01	—	pCi/L	U	U	08-1783	CALA-08-13911	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0528	2.57E-02	3.10E-01	—	pCi/L	U	U	190028	GF070700G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.215	3.47E-02	4.07E-01	—	pCi/L	U	U	168378	GF060700G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.11	4.00E-02	4.00E-01	—	pCi/L	U	U	09-2616	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0816	3.23E-02	3.50E-01	—	pCi/L	U	U	09-2616	CALA-09-11165	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9	1731	684	08/26/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0333	3.20E-02	3.50E-01	—	pCi/L	U	U	08-1783	CALA-08-13913	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.229	3.07E-02	4.05E-01	—	pCi/L	U	U	190028	GU070700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.35	4.97E-02	5.39E-01	—	pCi/L	U	U	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.198	2.38E-02	2.70E-01	—	pCi/L	U	U	135560	GU05040G09R01	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.05	2.50E-02	6.40E-02	—	pCi/L	—	—	08-1783	CALA-08-13911	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.1	2.72E-02	3.16E-02	—	pCi/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.1	2.58E-02	3.95E-02	—	pCi/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	1.13	3.23E-02	1.00E-01	—	pCi/L	—	—	09-2616	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.03	3.00E-02	1.10E-01	—	pCi/L	—	—	09-2616	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.03	2.47E-02	6.60E-02	—	pCi/L	—	—	08-1783	CALA-08-13913	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.11	2.82E-02	3.70E-02	—	pCi/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.11	2.79E-02	5.26E-02	—	pCi/L	—	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.18	2.60E-02	7.30E-02	—	pCi/L	—	J	135560	GU05040G09R01	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0556	4.00E-03	3.40E-02	—	pCi/L	—	—	08-1783	CALA-08-13911	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.067	4.93E-03	2.66E-02	—	pCi/L	—	J	190028	GF070700G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0375	3.20E-03	3.33E-02	—	pCi/L	—	J	168378	GF060700G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.0268	4.00E-03	5.10E-02	—	pCi/L	U	U	09-2616	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0344	3.67E-03	5.20E-02	—	pCi/L	U	U	09-2616	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0429	3.67E-03	3.50E-02	—	pCi/L	—	—	08-1783	CALA-08-13913	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0385	4.07E-03	4.95E-02	—	pCi/L	U	U	190028	GU070700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0343	3.50E-03	4.44E-02	—	pCi/L	U	U	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.137	6.63E-03	4.50E-02	—	pCi/L	—	J	135560	GU05040G09R01	GELC
R-9	1731	684	08/26/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.611	1.63E-02	3.40E-02	—	pCi/L	—	—	08-1783	CALA-08-13911	GELC
R-9	1731	684	07/19/07	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.598	1.70E-02	4.25E-02	—	pCi/L	—	—	190028	GF070700G09R01	GELC
R-9	1731	684	07/31/06	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.538	1.47E-02	4.20E-02	—	pCi/L	—	—	168378	GF060700G09R01	GELC
R-9	1731	684	07/13/09	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.593	1.93E-02	5.10E-02	—	pCi/L	—	—	09-2616	CALA-09-11168	GELC
R-9	1731	684	07/13/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.512	1.77E-02	5.30E-02	—	pCi/L	—	—	09-2616	CALA-09-11165	GELC
R-9	1731	684	08/26/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.602	1.63E-02	3.50E-02	—	pCi/L	—	—	08-1783	CALA-08-13913	GELC
R-9	1731	684	07/19/07	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.488	1.57E-02	4.93E-02	—	pCi/L	—	—	190028	GU070700G09R01	GELC
R-9	1731	684	07/31/06	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.497	1.53E-02	5.59E-02	—	pCi/L	—	—	168378	GU060700G09R01	GELC
R-9	1731	684	04/28/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.524	1.46E-02	5.20E-02	—	pCi/L	—	J	135560	GU05040G09R01	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.9	—	—	7.30E-01	mg/L	—	—	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	01/08/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.8	—	—	7.30E-01	mg/L	—	—	09-599	CALA-09-1726	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.1	—	—	7.30E-01	mg/L	—	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.8	—	—	1.45E+00	mg/L	—	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.15	—	—	6.60E-02	mg/L	J	J	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	01/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	6.70E-02	mg/L	U	UJ	09-599	CALA-09-1726	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.167	—	—	6.70E-02	mg/L	J	J	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Geninorg	EPA:300.0	Bromide	—	0.114	—	—	4.10E-02	mg/L	J	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	5.00E-02	mg/L	—	—	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.1	—	—	3.00E-02	mg/L	—	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	5.00E-02	mg/L	—	—	09-2577	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.4	—	—	3.00E-02	mg/L	—	—	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.2	—	—	3.60E-02	mg/L	—	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.7	—	—	5.54E-03	mg/L	—	—	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.9	—	—	5.54E-03	mg/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Geninorg	SW-846:6010B	Calcium	—	20.6	—	—	5.54E-03	mg/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	39	—	—	3.30E-01	mg/L	—	—	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	01/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	40	—	—	3.30E-01	mg/L	—	—	09-599	CALA-09-1726	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	35.8	—	—	3.30E-01	mg/L	—	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	39.2	—	—	2.65E-01	mg/L	—	J	135661	GU0504G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.437	—	—	3.30E-02	mg/L	—	—	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	01/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.383	—	—	3.30E-02	mg/L	—	J-	09-599	CALA-09-1726	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.344	—	—	3.30E-02	mg/L	—	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.381	—	—	3.00E-02	mg/L	—	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	86.4	—	—	3.50E-01	mg/L	—	—	09-2577	CALA-09-11142	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9i	552	198.8	08/29/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	74.5	—	—	3.50E-01	mg/L	—	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	86.8	—	—	3.50E-01	mg/L	—	—	09-2577	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.7	—	—	3.50E-01	mg/L	—	—	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	90.2	—	—	8.50E-02	mg/L	—	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Geninorg	EPA:200.7	Hardness	—	80.5	—	—	5.54E-03	mg/L	—	—	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Geninorg	EPA:200.7	Hardness	—	77.5	—	—	5.54E-03	mg/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.81	—	—	8.50E-02	mg/L	—	J	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.53	—	—	8.50E-02	mg/L	—	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.89	—	—	8.50E-02	mg/L	—	J	09-2577	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.62	—	—	8.50E-02	mg/L	—	—	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.81	—	—	8.50E-02	mg/L	—	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.96	—	—	5.18E-03	mg/L	—	—	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.75	—	—	5.18E-03	mg/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Geninorg	SW-846:6010B	Magnesium	—	7	—	—	5.18E-03	mg/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.67	—	—	5.00E-02	mg/L	—	—	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.05	—	—	5.00E-02	mg/L	E	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.64	—	—	5.00E-02	mg/L	—	—	09-2577	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.14	—	—	5.00E-02	mg/L	E	—	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.7	—	—	5.00E-02	mg/L	—	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.38	—	—	1.65E-02	mg/L	—	—	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.09	—	—	1.65E-02	mg/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Geninorg	SW-846:6010B	Potassium	—	4.21	—	—	1.65E-02	mg/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	31.2	—	—	3.20E-02	mg/L	—	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.9	—	—	1.00E-01	mg/L	—	—	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.7	—	—	4.50E-02	mg/L	—	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.3	—	—	1.00E-01	mg/L	—	—	09-2577	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.1	—	—	4.50E-02	mg/L	—	—	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.3	—	—	4.50E-02	mg/L	—	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.3	—	—	1.44E-02	mg/L	—	—	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.2	—	—	1.44E-02	mg/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Geninorg	SW-846:6010B	Sodium	—	18.8	—	—	1.44E-02	mg/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	285	—	—	1.00E+00	uS/cm	—	—	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	01/08/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	286	—	—	1.00E+00	uS/cm	—	—	09-599	CALA-09-1726	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	284	—	—	1.00E+00	uS/cm	—	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13	—	—	1.00E-01	mg/L	—	—	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	01/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13	—	—	1.00E-01	mg/L	—	J-	09-599	CALA-09-1726	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.1	—	—	1.00E-01	mg/L	—	J-	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	17.1	—	—	5.70E-02	mg/L	—	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	190	—	—	2.40E+00	mg/L	—	—	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	01/08/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	182	—	—	2.40E+00	mg/L	—	—	09-599	CALA-09-1726	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	186	—	—	2.40E+00	mg/L	—	J	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	04/29/05	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	191	—	—	2.38E+00	mg/L	—	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	09/05/01	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.29	—	—	—	mg/L	—	—	9698R	GW9I-01-0010	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.078	—	—	3.30E-02	mg/L	J	J-	09-2576	CALA-09-11139	GELC
R-9i	552	198.8	01/08/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	2.90E-02	mg/L	U	U	09-599	CALA-09-1727	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.06	—	—	2.90E-02	mg/L	J	J-	08-1817	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.226	—	—	1.00E-02	mg/L	—	JN-	135661	GU0504G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.92	—	—	3.30E-01	mg/L	—	—	09-2576	CALA-09-11139	GELC
R-9i	552	198.8	01/08/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.09	—	—	3.30E-01	mg/L	—	—	09-599	CALA-09-1727	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.66	—	—	3.30E-01	mg/L	—	—	08-1817	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.38	—	—	7.40E-02	mg/L	—	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.17	—	—	2.50E-02	mg/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.15	—	—	2.50E-02	mg/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.52	—	—	1.00E-02	SU	H	J-	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	01/08/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.7	—	—	1.00E-02	SU	H	J-	09-599	CALA-09-1726	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	1.00E-02	SU	H	J-	08-1818	CALA-08-13875	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9i	552	198.8	07/08/09	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.03	—	—	1.50E+00	ug/L	J	J	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6.00E+00	ug/L	U	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24E+00	ug/L	U	UJ	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24E+00	ug/L	U	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24E+00	ug/L	U	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	59.1	—	—	1.00E+00	ug/L	—	—	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	42.2	—	—	1.00E+00	ug/L	—	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	58.9	—	—	1.00E+00	ug/L	—	—	09-2577	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	44.9	—	—	1.00E+00	ug/L	—	—	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	65.1	—	—	1.00E+00	ug/L	—	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	75.4	—	—	2.22E-01	ug/L	—	—	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	76.8	—	—	2.22E-01	ug/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Metals	SW-846:6010B	Barium	—	79.4	—	—	2.22E-01	ug/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	23.7	—	—	1.50E+01	ug/L	J	J	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.6	—	—	1.00E+01	ug/L	J	J	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	25.2	—	—	1.50E+01	ug/L	J	J	09-2577	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18	—	—	1.00E+01	ug/L	J	J	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	23.8	—	—	1.00E+01	ug/L	J	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	23.8	—	—	4.88E+00	ug/L	B	—	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.5	—	—	4.88E+00	ug/L	B	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Metals	SW-846:6010B	Boron	—	23.6	—	—	4.88E+00	ug/L	B	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.50E+00	ug/L	U	U	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.08	—	—	2.50E+00	ug/L	J	J	09-2577	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3	—	—	1.50E+00	ug/L	J	J	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	<	3.8	—	—	1.00E+00	ug/L	J	U	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	3.17	—	—	5.03E-01	ug/L	B	—	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	9.63	—	—	5.03E-01	ug/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Metals	SW-846:6010B	Chromium	—	6.55	—	—	5.03E-01	ug/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.85	—	—	1.00E+00	ug/L	J	J	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.7	—	—	1.00E+00	ug/L	J	J	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.68	—	—	1.00E+00	ug/L	J	J	09-2577	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.1	—	—	1.00E+00	ug/L	J	J	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	2.1	—	—	1.00E+00	ug/L	J	U	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1.48	—	—	5.41E-01	ug/L	B	U	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.28	—	—	5.41E-01	ug/L	B	JN-	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Metals	SW-846:6010B	Cobalt	—	1.21	—	—	5.41E-01	ug/L	B	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	6	—	—	3.00E+00	ug/L	J	J	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	7.7	—	—	3.00E+00	ug/L	J	J	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	13.3	—	—	3.00E+00	ug/L	—	—	09-2577	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	11.5	—	—	3.00E+00	ug/L	—	—	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	11.3	—	—	3.00E+00	ug/L	—	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	2.06	—	—	1.39E+00	ug/L	B	—	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	1.5	—	—	1.39E+00	ug/L	B	J-	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Metals	SW-846:6010B	Copper	—	1.46	—	—	1.39E+00	ug/L	B	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	262	—	—	2.50E+01	ug/L	—	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	83.2	—	—	3.00E+01	ug/L	J	J	09-2577	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	381	—	—	2.50E+01	ug/L	—	—	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	54.8	—	—	1.80E+01	ug/L	J	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	453	—	—	1.26E+01	ug/L	—	—	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	672	—	—	1.26E+01	ug/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Metals	SW-846:6010B	Iron	—	691	—	—	1.26E+01	ug/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	244	—	—	2.00E+00	ug/L	—	—	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	81.2	—	—	2.00E+00	ug/L	—	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	245	—	—	2.00E+00	ug/L	—	—	09-2577	CALA-09-11139	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	81.8	—	—	2.00E+00	ug/L	—	—	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Metals	SW-846:6020	Manganese	—	284	—	—	1.00E+00	ug/L	E	J	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	663	—	—	2.96E-01	ug/L	—	—	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	767	—	—	2.96E-01	ug/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Metals	SW-846:6010B	Manganese	—	795	—	—	2.96E-01	ug/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	13.6	—	—	1.00E-01	ug/L	—	—	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	14.3	—	—	1.00E-01	ug/L	—	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	14.7	—	—	1.00E-01	ug/L	—	—	09-2577	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	14.6	—	—	1.00E-01	ug/L	—	—	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	14	—	—	1.00E-01	ug/L	—	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	11.6	—	—	1.43E+00	ug/L	—	—	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	12.6	—	—	1.43E+00	ug/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Metals	SW-846:6010B	Molybdenum	—	12.4	—	—	1.43E+00	ug/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	91.8	—	—	5.00E-01	ug/L	—	—	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	139	—	—	5.00E-01	ug/L	—	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	99.8	—	—	5.00E-01	ug/L	—	—	09-2577	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	149	—	—	5.00E-01	ug/L	—	—	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	—	21.3	—	—	1.00E+00	ug/L	—	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	—	11.9	—	—	6.90E-01	ug/L	—	—	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	—	23.3	—	—	6.90E-01	ug/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Metals	SW-846:6010B	Nickel	—	22	—	—	6.90E-01	ug/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.9	—	—	5.30E-02	mg/L	—	—	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	01/08/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	30.1	—	—	3.20E-02	mg/L	—	—	09-599	CALA-09-1726	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	29.8	—	—	3.20E-02	mg/L	—	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	128	—	—	1.00E+00	ug/L	—	—	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	110	—	—	1.00E+00	ug/L	—	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	126	—	—	1.00E+00	ug/L	—	—	09-2577	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	112	—	—	1.00E+00	ug/L	—	—	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	135	—	—	1.00E+00	ug/L	—	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	125	—	—	1.78E-01	ug/L	—	—	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	124	—	—	1.78E-01	ug/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Metals	SW-846:6010B	Strontium	—	128	—	—	1.78E-01	ug/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.346	—	—	3.00E-01	ug/L	J	J	09-2577	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.4	—	—	4.00E-01	ug/L	J	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.02	—	—	2.00E-02	ug/L	U	—	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.374	—	—	2.00E-02	ug/L	B	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Metals	SW-846:6020	Thallium	—	0.087	—	—	2.00E-02	ug/L	B	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.748	—	—	5.00E-02	ug/L	—	—	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	ug/L	—	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.787	—	—	5.00E-02	ug/L	—	—	09-2577	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	5.00E-02	ug/L	—	—	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.5	—	—	2.00E-02	ug/L	—	—	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.449	—	—	2.00E-02	ug/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Metals	SW-846:6020	Uranium	—	0.483	—	—	2.00E-02	ug/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/26/02	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.308	—	—	2.00E-02	ug/L	—	—	64430	GU0207G9iR101	GELC
R-9i	552	198.8	07/26/02	WG	UF	CS	—	Metals	SW-846:6010B	Uranium	<	15.6	—	—	1.56E+01	ug/L	U	R	64430	GU0207G9iR101	GELC
R-9i	552	198.8	07/26/02	WG	UF	DUP	—	Metals	SW-846:6020	Uranium	—	0.303	—	—	2.00E-02	ug/L	—	—	64430	GU0207G9iR101	GELC
R-9i	552	198.8	07/26/02	WG	UF	DUP	—	Metals	SW-846:6010B	Uranium	<	15.6	—	—	1.56E+01	ug/L	U	—	64430	GU0207G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	12.5	—	—	3.30E+00	ug/L	—	—	09-2577	CALA-09-11142	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10.4	—	—	2.00E+00	ug/L	—	U	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	18.4	—	—	3.30E+00	ug/L	—	—	09-2577	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	6.1	—	—	2.00E+00	ug/L	J	U	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.1	—	—	2.00E+00	ug/L	J	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.4	—	—	8.83E-01	ug/L	—	—	114323	GU0405G9iR101	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.27	—	—	8.83E-01	ug/L	B	JN-	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Metals	SW-846:6010B	Zinc	—	1.76	—	—	8.83E-01	ug/L	B	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00133	2.53E-03	2.50E-02	—	pCi/L	U	U	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00286	4.67E-03	3.80E-02	—	pCi/L	U	U	09-2578	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00213	1.07E-03	2.50E-02	—	pCi/L	U	U	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0112	2.24E-03	3.50E-02	—	pCi/L	U	U	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	Alpha Spec	Americium-241	<	-0.00527	4.13E-03	4.70E-02	—	pCi/L	U	U	114323	GU0405G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-21	4.93E+00	4.12E+01	—	pCi/L	U	U	114323	GU0405G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	DUP	—	Rad	Alpha Spec	Americium-241	<	-0.00206	3.97E-03	3.70E-02	—	pCi/L	U	—	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	4.4	2.83E+00	2.83E+01	—	pCi/L	U	U	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	Alpha Spec	Americium-241	<	-9.95E-10	1.97E-03	3.70E-02	—	pCi/L	U	U	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Rad	EPA:901.1	Americium-241	<	1.27	1.34E+00	1.28E+01	—	pCi/L	U	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.383	3.67E-01	3.70E+00	—	pCi/L	U	U	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.26	5.00E-01	4.20E+00	—	pCi/L	U	U	09-2578	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.521	2.87E-01	3.00E+00	—	pCi/L	U	U	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.29	4.87E-01	2.45E+00	—	pCi/L	U	U	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.74	7.87E-01	7.70E+00	—	pCi/L	U	U	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	7.39	6.30E-01	3.58E+00	—	pCi/L	UI	R	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Rad	EPA:901.1	Cesium-137	<	0.103	2.09E-01	2.20E+00	—	pCi/L	U	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.794	3.67E-01	3.90E+00	—	pCi/L	U	U	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.3	4.67E-01	5.20E+00	—	pCi/L	U	U	09-2578	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.188	2.90E-01	3.00E+00	—	pCi/L	U	U	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.955	2.49E-01	2.95E+00	—	pCi/L	U	U	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	6.48	8.00E-01	9.62E+00	—	pCi/L	U	U	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.679	2.92E-01	3.51E+00	—	pCi/L	U	U	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Rad	EPA:901.1	Cobalt-60	<	0.0944	2.21E-01	2.41E+00	—	pCi/L	U	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	4.94	3.33E-01	1.90E+00	—	pCi/L	—	—	09-2578	CALA-09-11139	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.98	3.67E-01	2.80E+00	—	pCi/L	—	—	09-2578	CALA-09-11139	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.53	2.53E-01	2.35E+00	—	pCi/L	—	J	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.8	1.43E-01	1.28E+00	—	pCi/L	—	J	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.54	2.44E-01	2.58E+00	—	pCi/L	—	J	106760	GU0311G9iR101	GELC
R-9i	552	198.8	08/02/02	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.74	2.18E-01	2.17E+00	—	pCi/L	—	J	65607	GU0208G9iR101	GELC
R-9i	552	198.8	08/02/02	WG	UF	DUP	—	Rad	EPA:900	Gross beta	—	4.59	2.27E-01	2.10E+00	—	pCi/L	—	—	65607	GU0208G9iR101	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	15.4	4.33E+00	2.70E+01	—	pCi/L	U	U	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	7.1	2.47E+00	1.00E+01	—	pCi/L	U	U	09-2578	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	19.9	1.03E+01	3.50E+01	—	pCi/L	U	U	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	92	3.87E+01	2.61E+02	—	pCi/L	U	U	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	200	7.43E+01	7.06E+02	—	pCi/L	U	U	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	88.4	2.81E+01	2.59E+02	—	pCi/L	U	U	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Rad	EPA:901.1	Gross gamma	<	68.9	1.97E+01	2.54E+02	—	pCi/L	U	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.25	3.07E+00	2.60E+01	—	pCi/L	U	U	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-17	3.33E+00	3.20E+01	—	pCi/L	U	U	09-2578	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.43	2.87E+00	2.40E+01	—	pCi/L	U	U	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.09	2.00E+00	2.11E+01	—	pCi/L	U	U	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	25.1	4.97E+00	5.36E+01	—	pCi/L	U	U	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.44	2.47E+00	2.66E+01	—	pCi/L	U	U	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Rad	EPA:901.1	Neptunium-237	<	0.62	1.69E+00	1.58E+01	—	pCi/L	U	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00432	1.43E-03	3.00E-02	—	pCi/L	U	U	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0191	2.90E-03	3.40E-02	—	pCi/L	U	U	09-2578	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00235	1.10E-03	3.30E-02	—	pCi/L	U	U	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0129	4.73E-03	3.80E-02	—	pCi/L	U	U	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-238	<	0.00229	3.97E-03	3.60E-02	—	pCi/L	U	U	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-238	<	0	1.01E-03	3.00E-02	—	pCi/L	U	U	106760	GU0311G9iR101	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0129	2.27E-03	3.70E-02	—	pCi/L	U	U	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00212	2.90E-03	4.20E-02	—	pCi/L	U	U	09-2578	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00235	1.37E-03	4.00E-02	—	pCi/L	U	U	08-1818	CALA-08-13878	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00185	3.73E-03	3.20E-02	—	pCi/L	U	U	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-239/240	<	0.00229	1.32E-03	3.70E-02	—	pCi/L	U	U	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-239/240	<	0	1.75E-03	2.60E-02	—	pCi/L	U	U	106760	GU0311G9iR101	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	31.5	4.67E+00	5.20E+01	—	pCi/L	U	U	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	16.4	6.00E+00	6.10E+01	—	pCi/L	U	U	09-2578	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.47	5.67E+00	3.90E+01	—	pCi/L	U	U	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	13.3	6.07E+00	2.73E+01	—	pCi/L	U	U	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	25	7.53E+00	8.91E+01	—	pCi/L	U	U	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	18.5	5.27E+00	2.84E+01	—	pCi/L	U	U	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Rad	EPA:901.1	Potassium-40	<	28	3.23E+00	3.49E+01	—	pCi/L	U	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.623	5.67E-02	4.00E-01	—	pCi/L	—	—	09-2578	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.662	6.67E-02	4.90E-01	—	pCi/L	—	—	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.592	4.67E-02	3.10E-01	—	pCi/L	—	J	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.276	3.80E-02	3.36E-01	—	pCi/L	U	U	114323	GU0405G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	7.62	1.93E+00	1.92E+01	—	pCi/L	U	U	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.543	5.17E-02	3.62E-01	—	pCi/L	—	J	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	0.268	1.17E+00	7.75E+00	—	pCi/L	U	U	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Rad	EPA:901.1	Radium-226	<	1.19	6.60E-01	5.04E+00	—	pCi/L	U	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.132	5.33E-02	5.50E-01	—	pCi/L	U	U	09-2578	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.578	6.00E-02	4.80E-01	—	pCi/L	—	—	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	13.9	2.50E+00	2.93E+01	—	pCi/L	U	U	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	3.02	1.33E+00	1.36E+01	—	pCi/L	U	U	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Rad	EPA:901.1	Radium-228	<	3.28	1.37E+00	9.52E+00	—	pCi/L	U	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	08/02/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	9.78	9.40E-01	1.09E+01	—	pCi/L	U	U	65607	GU0208G9iR101	GELC
R-9i	552	198.8	08/02/02	WG	UF	DUP	—	Rad	EPA:901.1	Radium-228	<	3.23	1.52E+00	9.66E+00	—	pCi/L	U	—	65607	GU0208G9iR101	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.284	4.00E-01	3.80E+00	—	pCi/L	U	U	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.911	5.00E-01	4.20E+00	—	pCi/L	U	U	09-2578	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.51	3.67E-01	3.10E+00	—	pCi/L	U	U	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.1	2.44E-01	2.93E+00	—	pCi/L	U	U	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	9.56	1.39E+00	7.92E+00	—	pCi/L	UI	R	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.96	3.24E-01	4.08E+00	—	pCi/L	U	U	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Rad	EPA:901.1	Sodium-22	<	1.05	2.46E-01	2.58E+00	—	pCi/L	U	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0481	3.30E-02	3.90E-01	—	pCi/L	U	U	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.182	3.67E-02	3.50E-01	—	pCi/L	U	U	09-2578	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.284	3.33E-02	4.30E-01	—	pCi/L	U	U	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0952	2.21E-02	2.18E-01	—	pCi/L	U	U	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	GFPC	Strontium-90	<	0.143	1.63E-02	1.44E-01	—	pCi/L	U	U	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	GFPC	Strontium-90	<	0.0165	2.43E-02	3.23E-01	—	pCi/L	U	U	106760	GU0311G9iR101	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.46	1.97E-02	1.60E-01	—	pCi/L	—	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.353	1.33E-02	1.10E-01	—	pCi/L	—	—	09-2578	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.525	1.97E-02	1.40E-01	—	pCi/L	—	—	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.894	2.11E-02	7.20E-02	—	pCi/L	—	J	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-234	—	0.215	1.01E-02	8.80E-02	—	pCi/L	—	J	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-234	—	0.177	9.43E-03	7.30E-02	—	pCi/L	—	J	106760	GU0311G9iR101	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0112	5.33E-03	8.30E-02	—	pCi/L	U	U	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00688	2.80E-03	5.20E-02	—	pCi/L	U	U	09-2578	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0208	4.33E-03	7.70E-02	—	pCi/L	U	U	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0882	5.40E-03	4.40E-02	—	pCi/L	—	J	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-235/236	<	0.0432	5.27E-03	5.30E-02	—	pCi/L	U	U	114323	GU0405G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-235/236	<	0.0348	3.60E-03	4.20E-02	—	pCi/L	U	U	106760	GU0311G9iR101	GELC
R-9i	552	198.8	08/29/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.334	1.60E-02	8.10E-02	—	pCi/L	—	—	08-1818	CALA-08-13875	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.273	1.13E-02	5.30E-02	—	pCi/L	—	—	09-2578	CALA-09-11139	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.319	1.43E-02	7.60E-02	—	pCi/L	—	—	08-1818	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.654	1.71E-02	5.10E-02	—	pCi/L	—	J	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	EPA:901.1	Uranium-238	<	275	4.23E+01	3.93E+02	—	pCi/L	U	U	114323	GU0405G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-238	—	0.158	8.00E-03	6.20E-02	—	pCi/L	—	J	114323	GU0405G9iR101	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Uranium-238	<	137	2.22E+01	2.27E+02	—	pCi/L	U	U	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-238	—	0.161	8.60E-03	4.60E-02	—	pCi/L	—	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	02/06/04	WG	UF	DUP	—	Rad	EPA:901.1	Uranium-238	<	72.6	1.77E+01	9.57E+01	—	pCi/L	U	—	106760	GU0311G9iR101	GELC
R-9i	552	198.8	07/08/09	WG	UF	CS	EQB	Voa	SW-846:8260B	Chloroform	—	1.04	—	—	2.50E-01	ug/L	—	—	09-2576	CALA-09-11141	GELC
R-9i	552	198.8	08/29/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	U	08-1817	CALA-08-13878	GELC
R-9i	552	198.8	04/29/05	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	—	ug/L	U	—	135661	GU0504G9iR101	GELC
R-9i	552	198.8	06/02/04	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	—	ug/L	U	—	114323	GU0405G9iR101	GELC
R-9i	552	198.8	09/05/01	WG	UF	CS	—	Voa	SW-846:8260	Chloroform	<	1	—	—	—	ug/L	U	U	9695R	GW9i-01-0009	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	9.37	—	—	7.30E-01	mg/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	01/08/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	4.2	—	—	7.30E-01	mg/L	—	—	09-599	CALA-09-1730	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	3.22	—	—	7.30E-01	mg/L	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1.45	—	—	1.45E+00	mg/L	U	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.5	—	—	7.30E-01	mg/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	01/08/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.9	—	—	7.30E-01	mg/L	—	—	09-599	CALA-09-1730	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.3	—	—	7.30E-01	mg/L	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.4	—	—	1.45E+00	mg/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.037	—	—	1.60E-02	mg/L	J	J-	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	01/08/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	09-599	CALA-09-1730	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	3.00E-02	mg/L	U	U	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.024	—	—	2.40E-02	mg/L	U	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.5	—	—	5.00E-02	mg/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.7	—	—	3.00E-02	mg/L	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Geninorg	SW-846:6010	Calcium	—	14.4	—	—	—	mg/L	—	—	9714R	GW9i-01-0012	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.2	—	—	5.00E-02	mg/L	—	—	09-2577	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.5	—	—	3.00E-02	mg/L	—	—	08-1826	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.7	—	—	5.54E-03	mg/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.7	—	—	5.54E-03	mg/L	—	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/06/01	WG	UF	CS	—	Geninorg	SW-846:6010	Calcium	—	14.3	—	—	—	mg/L	—	—	9714R	GW9i-01-0011	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	12.4	—	—	6.60E-02	mg/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	01/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	12.4	—	—	6.60E-02	mg/L	—	—	09-599	CALA-09-1730	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	12.3	—	—	6.60E-02	mg/L	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	10.5	—	—	3.22E-02	mg/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	02/06/04	WG	UF	DUP	—	Geninorg	EPA:300.0	Chloride	—	10.6	—	—	3.22E-02	mg/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.241	—	—	3.30E-02	mg/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	01/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.254	—	—	3.30E-02	mg/L	—	J-	09-599	CALA-09-1730	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.216	—	—	3.30E-02	mg/L	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.265	—	—	5.53E-02	mg/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	02/06/04	WG	UF	DUP	—	Geninorg	EPA:300.0	Fluoride	—	0.265	—	—	5.53E-02	mg/L	—	—	106769	GU0311G9iR201	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73	—	—	3.50E-01	mg/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	70.4	—	—	3.50E-01	mg/L	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.9	—	—	3.50E-01	mg/L	—	—	09-2577	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	70.4	—	—	3.50E-01	mg/L	—	—	08-1826	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Geninorg	EPA:200.7	Hardness	—	56.5	—	—	5.54E-03	mg/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Geninorg	EPA:200.7	Hardness	—	56.4	—	—	5.54E-03	mg/L	—	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.9	—	—	8.50E-02	mg/L	—	J	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.76	—	—	8.50E-02	mg/L	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Geninorg	SW-846:6010	Magnesium	—	4.6	—	—	—	mg/L	—	—	9714R	GW9i-01-0012	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.85	—	—	8.50E-02	mg/L	—	J	09-2577	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.88	—	—	8.50E-02	mg/L	—	—	08-1826	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.81	—	—	5.18E-03	mg/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.78	—	—	5.18E-03	mg/L	—	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/06/01	WG	UF	CS	—	Geninorg	SW-846:6010	Magnesium	—	4.59	—	—	—	mg/L	—	—	9714R	GW9i-01-0011	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.182	—	—	1.00E-02	mg/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	01/08/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.605	—	—	5.00E-02	mg/L	—	—	09-599	CALA-09-1730	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.595	—	—	5.00E-02	mg/L	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	<	0.01	—	—	1.00E-02	mg/L	U	—	106760	GU0311G9iR201	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9i	602	278.8	07/08/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	2.37	—	—	2.00E-01	ug/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	01/08/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	2.07	—	—	2.00E-01	ug/L	—	—	09-599	CALA-09-1730	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	2.01	—	—	2.00E-01	ug/L	—	J	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.28	—	—	5.00E-02	mg/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.91	—	—	5.00E-02	mg/L	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Geninorg	SW-846:6010	Potassium	—	3.54	—	—	—	mg/L	—	—	9714R	GW9I-01-0012	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.24	—	—	5.00E-02	mg/L	—	—	09-2577	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.88	—	—	5.00E-02	mg/L	—	—	08-1826	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.54	—	—	1.65E-02	mg/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.68	—	—	1.65E-02	mg/L	—	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/06/01	WG	UF	CS	—	Geninorg	SW-846:6010	Potassium	—	3.57	—	—	—	mg/L	—	—	9714R	GW9I-01-0011	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	35.8	—	—	2.12E-02	mg/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.94	—	—	4.50E-02	mg/L	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Geninorg	SW-846:6010	Sodium	—	13.8	—	—	—	mg/L	—	—	9714R	GW9I-01-0012	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	1.00E-01	mg/L	—	—	09-2577	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.8	—	—	4.50E-02	mg/L	—	—	08-1826	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	1.44E-02	mg/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	1.44E-02	mg/L	—	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/06/01	WG	UF	CS	—	Geninorg	SW-846:6010	Sodium	—	14.1	—	—	—	mg/L	—	—	9714R	GW9I-01-0011	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	198	—	—	1.00E+00	uS/cm	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	01/08/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	199	—	—	1.00E+00	uS/cm	—	—	09-599	CALA-09-1730	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	198	—	—	1.00E+00	uS/cm	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14.1	—	—	1.00E-01	mg/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	01/08/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14.8	—	—	1.00E-01	mg/L	—	J-	09-599	CALA-09-1730	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14.2	—	—	1.00E-01	mg/L	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.18	—	—	1.93E-01	mg/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	02/06/04	WG	UF	DUP	—	Geninorg	EPA:300.0	Sulfate	—	9.16	—	—	1.93E-01	mg/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.40E+00	mg/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	01/08/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.40E+00	mg/L	—	—	09-599	CALA-09-1730	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.40E+00	mg/L	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	02/06/04	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	126	—	—	3.07E+00	mg/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	02/06/04	WG	F	DUP	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	125	—	—	3.07E+00	mg/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.2	—	—	—	mg/L	—	—	9714R	GW9I-01-0012	GELC
R-9i	602	278.8	06/12/01	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.23	—	—	—	mg/L	—	—	8957R	GW9I-01-0008	LVLI
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.077	—	—	3.30E-02	mg/L	J	J-	09-2576	CALA-09-11146	GELC
R-9i	602	278.8	01/08/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.034	—	—	2.90E-02	mg/L	J	J	09-599	CALA-09-1729	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.073	—	—	2.90E-02	mg/L	J	U	08-1825	CALA-08-13881	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.494	—	—	3.30E-01	mg/L	J	J	09-2576	CALA-09-11146	GELC
R-9i	602	278.8	01/08/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.07	—	—	3.30E-01	mg/L	—	—	09-599	CALA-09-1729	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	3.30E-01	mg/L	U	U	08-1825	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.41	—	—	2.50E-02	mg/L	—	J-	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.76	—	—	2.50E-02	mg/L	—	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.97	—	—	1.00E-02	SU	H	J-	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	01/08/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.77	—	—	1.00E-02	SU	H	J-	09-599	CALA-09-1730	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.55	—	—	1.00E-02	SU	H	J-	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.6	—	—	1.50E+00	ug/L	J	J	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Metals	SW-846:6010	Arsenic	<	2.6	—	—	—	ug/L	U	U	9714R	GW9I-01-0012	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.18	—	—	1.50E+00	ug/L	J	J	09-2577	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.50E+00	ug/L	U	U	08-1826	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	2.51	—	—	2.24E+00	ug/L	B	U	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	2.24	—	—	2.24E+00	ug/L	U	UJ	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/06/01	WG	UF	CS	—	Metals	SW-846:6010	Arsenic	<	2.6	—	—	—	ug/L	U	U	9714R	GW9I-01-0011	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	24.9	—	—	1.00E+00	ug/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	33.1	—	—	1.00E+00	ug/L	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Metals	SW-846:6010	Barium	—	49.2	—	—	—	ug/L	—	—	9714R	GW9I-01-0012	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25	—	—	1.00E+00	ug/L	—	—	09-2577	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.6	—	—	1.00E+00	ug/L	—	—	08-1826	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	42.5	—	—	2.22E-01	ug/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	47	—	—	2.22E-01	ug/L	—	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/06/01	WG	UF	CS	—	Metals	SW-846:6010	Barium	—	48.8	—	—	—	ug/L	—	—	9714R	GW9i-01-0011	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.4	—	—	1.50E+01	ug/L	J	J	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	1.00E+01	ug/L	U	U	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Metals	SW-846:6010	Boron	<	25.5	—	—	—	ug/L	B	U	9714R	GW9i-01-0012	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	10	—	—	1.00E+01	ug/L	J	J	08-1826	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.9	—	—	4.88E+00	ug/L	B	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	31.4	—	—	4.88E+00	ug/L	B	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/06/01	WG	UF	CS	—	Metals	SW-846:6010	Boron	<	28.7	—	—	—	ug/L	B	U	9714R	GW9i-01-0011	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	18.6	—	—	2.00E+00	ug/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	19.6	—	—	2.00E+00	ug/L	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Metals	SW-846:6010	Manganese	—	487	—	—	—	ug/L	—	—	9714R	GW9i-01-0012	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	18.5	—	—	2.00E+00	ug/L	—	—	09-2577	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	18.4	—	—	2.00E+00	ug/L	—	—	08-1826	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	222	—	—	2.96E-01	ug/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	382	—	—	2.96E-01	ug/L	—	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/06/01	WG	UF	CS	—	Metals	SW-846:6010	Manganese	—	500	—	—	—	ug/L	—	—	9714R	GW9i-01-0011	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.36	—	—	1.00E-01	ug/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.1	—	—	1.00E-01	ug/L	—	J	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Metals	SW-846:6010	Molybdenum	—	10.7	—	—	—	ug/L	—	—	9714R	GW9i-01-0012	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.45	—	—	1.00E-01	ug/L	—	—	09-2577	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.7	—	—	1.00E-01	ug/L	—	J	08-1826	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	4.68	—	—	1.43E+00	ug/L	B	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	9.1	—	—	1.43E+00	ug/L	B	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/06/01	WG	UF	CS	—	Metals	SW-846:6010	Molybdenum	—	10.9	—	—	—	ug/L	—	—	9714R	GW9i-01-0011	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.12	—	—	5.00E-01	ug/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	7.4	—	—	5.00E-01	ug/L	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Metals	SW-846:6010	Nickel	—	22.3	—	—	—	ug/L	—	—	9714R	GW9i-01-0012	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	6.2	—	—	5.00E-01	ug/L	—	—	09-2577	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	7.9	—	—	5.00E-01	ug/L	—	—	08-1826	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	—	19.4	—	—	6.90E-01	ug/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	—	20	—	—	6.90E-01	ug/L	—	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/06/01	WG	UF	CS	—	Metals	SW-846:6010	Nickel	—	23.5	—	—	—	ug/L	—	—	9714R	GW9i-01-0011	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	39.7	—	—	5.30E-02	mg/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	01/08/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	37.8	—	—	3.20E-02	mg/L	—	—	09-599	CALA-09-1730	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	38.3	—	—	3.20E-02	mg/L	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	95.6	—	—	1.00E+00	ug/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.1	—	—	1.00E+00	ug/L	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Metals	SW-846:6010	Strontium	—	86.6	—	—	—	ug/L	—	—	9714R	GW9i-01-0012	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	96.1	—	—	1.00E+00	ug/L	—	—	09-2577	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	88.6	—	—	1.00E+00	ug/L	—	—	08-1826	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	84.9	—	—	1.78E-01	ug/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	85.3	—	—	1.78E-01	ug/L	—	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/06/01	WG	UF	CS	—	Metals	SW-846:6010	Strontium	—	86.7	—	—	—	ug/L	—	—	9714R	GW9i-01-0011	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.67	—	—	5.00E-02	ug/L	—	—	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.5	—	—	5.00E-02	ug/L	—	—	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.003	—	—	—	ug/L	U	U	9716R	GW9i-01-0012	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	5.00E-02	ug/L	—	—	09-2577	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.6	—	—	5.00E-02	ug/L	—	—	08-1826	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.373	—	—	2.00E-02	ug/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.079	—	—	2.00E-02	ug/L	B	R	64510	GU0207G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Metals	SW-846:6010B	Uranium	<	15.6	—	—	1.56E+01	ug/L	U	UJ	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/06/01	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.003	—	—	—	ug/L	U	U	9716R	GW9i-01-0011	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9i	602	278.8	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.81	—	—	1.00E+00	ug/L	J	J	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.4	—	—	1.00E+00	ug/L	J	J	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Metals	SW-846:6010	Vanadium	<	0.482	—	—	—	ug/L	U	U	9714R	GW9I-01-0012	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.41	—	—	1.00E+00	ug/L	J	J	09-2577	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.4	—	—	1.00E+00	ug/L	J	J	08-1826	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	0.606	—	—	6.06E-01	ug/L	U	UJ	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	0.606	—	—	6.06E-01	ug/L	U	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/06/01	WG	UF	CS	—	Metals	SW-846:6010	Vanadium	—	0.49	—	—	—	ug/L	B	J	9714R	GW9I-01-0011	GELC
R-9i	602	278.8	07/08/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.64	—	—	3.30E+00	ug/L	J	J	09-2577	CALA-09-11145	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	5.1	—	—	2.00E+00	ug/L	J	U	08-1826	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Metals	SW-846:6010	Zinc	<	2.99	—	—	—	ug/L	B	U	9714R	GW9I-01-0012	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.02	—	—	3.30E+00	ug/L	J	J	09-2577	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	6	—	—	2.00E+00	ug/L	J	U	08-1826	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	1.42	—	—	8.83E-01	ug/L	B	JN-	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.78	—	—	8.83E-01	ug/L	—	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/06/01	WG	UF	CS	—	Metals	SW-846:6010	Zinc	—	7.38	—	—	—	ug/L	—	—	9714R	GW9I-01-0011	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00858	1.53E-03	2.40E-02	—	pCi/L	U	U	08-1827	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Rad	Gamma Spec	Americium-241	<	0.594	1.83E+00	1.90E+01	—	pCi/L	U	U	9721R	GW9I-01-0012	STSL
R-9i	602	278.8	09/06/01	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0139	1.83E-03	1.32E-02	—	pCi/L	J	U	9721R	GW9I-01-0012	STSL
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0109	2.90E-03	3.40E-02	—	pCi/L	U	U	09-2578	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00488	1.43E-03	2.60E-02	—	pCi/L	U	U	08-1827	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	Alpha Spec	Americium-241	<	0.0096	1.70E-03	3.40E-02	—	pCi/L	U	U	106760	GU0311G9iR201	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	-1.36	6.63E-01	6.19E+00	—	pCi/L	U	U	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	0	4.60E+00	2.81E+01	—	pCi/L	UUI	R	64510	GU0207G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	Alpha Spec	Americium-241	—	0.0216	3.30E-03	3.08E-02	—	pCi/L	—	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.34	4.67E-01	4.90E+00	—	pCi/L	U	U	08-1827	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Rad	Gamma Spec	Cesium-137	<	2.37	6.50E-01	7.04E+00	—	pCi/L	U	U	9721R	GW9I-01-0012	STSL
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.539	4.67E-01	4.40E+00	—	pCi/L	U	U	09-2578	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.846	6.00E-01	6.10E+00	—	pCi/L	U	U	08-1827	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.58	3.60E-01	4.28E+00	—	pCi/L	U	U	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.44	3.80E-01	4.34E+00	—	pCi/L	U	U	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.04	5.67E-01	5.20E+00	—	pCi/L	U	U	08-1827	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Rad	Gamma Spec	Cobalt-60	<	2.32	6.00E-01	7.20E+00	—	pCi/L	U	U	9721R	GW9I-01-0012	STSL
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0271	4.00E-01	3.80E+00	—	pCi/L	U	U	09-2578	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.06	4.00E-01	4.80E+00	—	pCi/L	U	U	08-1827	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.69	4.10E-01	5.08E+00	—	pCi/L	U	U	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.779	3.93E-01	4.64E+00	—	pCi/L	U	U	64510	GU0207G9iR201	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.03	2.20E-01	2.10E+00	—	pCi/L	U	U	09-2578	CALA-09-11146	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.635	2.53E-01	2.60E+00	—	pCi/L	U	U	09-2578	CALA-09-11146	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.24	2.67E-01	2.95E+00	—	pCi/L	—	J	106760	GU0311G9iR201	GELC
R-9i	602	278.8	02/06/04	WG	UF	DUP	—	Rad	EPA:900	Gross beta	—	4.78	2.36E-01	2.27E+00	—	pCi/L	—	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.22	1.58E-01	1.33E+00	—	pCi/L	—	J	64510	GU0207G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	DUP	—	Rad	EPA:900	Gross beta	—	4.35	1.79E-01	1.35E+00	—	pCi/L	—	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/06/01	WG	UF	CS	—	Rad	Gross Beta	Gross beta	—	4.11	1.32E-01	7.60E-01	—	pCi/L	—	—	9721R	GW9I-01-0011	STSL
R-9i	602	278.8	02/21/01	WG	UF	CS	—	Rad	Gross Beta	Gross beta	—	3.4	2.67E-01	2.40E+00	—	pCi/L	LT	—	8387R	GW9I-01-0003	PARA
R-9i	602	278.8	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	44.2	9.67E+00	7.40E+01	—	pCi/L	U	U	08-1827	CALA-08-13882	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	30.3	7.33E+00	4.20E+01	—	pCi/L	U	U	09-2578	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	17.6	6.00E+00	1.90E+01	—	pCi/L	U	U	08-1827	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	80	2.34E+01	3.68E+02	—	pCi/L	U	U	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	116	2.99E+01	3.51E+02	—	pCi/L	U	U	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/06/01	WG	UF	CS	—	Rad	Gamma Spec	Gross gamma	<	10	1.27E+01	6.34E+00	—	pCi/L	—	U	9721R	GW9I-01-0011	STSL
R-9i	602	278.8	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-18	3.17E+00	2.80E+01	—	pCi/L	U	U	08-1827	CALA-08-13882	GELC
R-9i	602	278.8	06/12/01	WG	F	CS	—	Rad	Gamma Spec	Neptunium-237	<	-1.4	1.45E+00	7.20E+00	—	pCi/L	U	U	8962R	GW9I-01-0008	PARA
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-24.1	4.00E+00	3.30E+01	—	pCi/L	U	U	09-2578	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.3	3.33E+00	3.30E+01	—	pCi/L	U	U	08-1827	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.823	1.56E+00	1.58E+01	—	pCi/L	U	U	106760	GU0311G9iR201	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16	3.23E+00	3.19E+01	—	pCi/L	U	U	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0147	3.67E-03	4.50E-02	—	pCi/L	U	U	08-1827	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00116	2.67E-04	9.94E-03	—	pCi/L	U	U	9721R	GW9i-01-0012	STSL
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0146	3.67E-03	3.30E-02	—	pCi/L	U	U	09-2578	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00212	1.23E-03	3.20E-02	—	pCi/L	U	U	08-1827	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-238	<	0	1.00E-03	2.90E-02	—	pCi/L	U	U	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-238	—	0.00181	1.35E-03	2.16E-02	—	pCi/L	—	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	1.97E-03	5.10E-02	—	pCi/L	U	U	08-1827	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.000578	2.00E-04	8.17E-03	—	pCi/L	U	U	9721R	GW9i-01-0012	STSL
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00417	2.20E-03	4.10E-02	—	pCi/L	U	U	09-2578	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00211	1.00E-03	3.60E-02	—	pCi/L	U	U	08-1827	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-239/240	<	0.00424	1.73E-03	2.60E-02	—	pCi/L	U	U	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-239/240	—	-0.00181	1.05E-03	2.38E-02	—	pCi/L	—	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-13.7	5.33E+00	5.50E+01	—	pCi/L	U	U	08-1827	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Rad	Gamma Spec	Potassium-40	<	-62.8	1.42E+01	1.72E+02	—	pCi/L	U	U	9721R	GW9i-01-0012	STSL
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.9	5.33E+00	5.60E+01	—	pCi/L	U	U	09-2578	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.61	5.67E+00	5.90E+01	—	pCi/L	U	U	08-1827	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	33.2	4.37E+00	3.31E+01	—	pCi/L	UI	R	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	6.44	7.60E+00	3.62E+01	—	pCi/L	U	U	64510	GU0207G9iR201	GELC
R-9i	602	278.8	06/12/01	WG	F	CS	—	Rad	Gamma Spec	Radium-226	<	-40	1.50E+01	7.40E+01	—	pCi/L	U	U	8962R	GW9i-01-0008	PARA
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.409	5.33E-02	4.40E-01	—	pCi/L	U	U	09-2578	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.703	5.67E-02	2.40E-01	—	pCi/L	—	—	08-1827	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.327	4.33E-02	3.57E-01	—	pCi/L	U	U	106760	GU0311G9iR201	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	2.76	1.37E+00	8.05E+00	—	pCi/L	U	U	106760	GU0311G9iR201	GELC
R-9i	602	278.8	02/06/04	WG	UF	DUP	—	Rad	EPA:903.1	Radium-226	<	0.33	4.50E-02	3.87E-01	—	pCi/L	U	—	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	4.49	1.31E+00	7.15E+00	—	pCi/L	U	U	64510	GU0207G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.252	5.60E-02	5.50E-01	—	pCi/L	U	U	64510	GU0207G9iR201	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.09	8.67E-02	5.80E-01	—	pCi/L	—	—	09-2578	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.208	5.67E-02	5.80E-01	—	pCi/L	U	U	08-1827	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	9.39	1.54E+00	1.82E+01	—	pCi/L	U	U	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	14.1	2.43E+00	1.93E+01	—	pCi/L	U	U	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.11	3.67E-01	4.00E+00	—	pCi/L	U	U	08-1827	CALA-08-13882	GELC
R-9i	602	278.8	06/12/01	WG	F	CS	—	Rad	Gamma Spec	Sodium-22	<	2.6	5.67E-01	2.60E+00	—	pCi/L	U	U	8962R	GW9i-01-0008	PARA
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.3	5.00E-01	4.50E+00	—	pCi/L	U	U	09-2578	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.286	4.33E-01	4.40E+00	—	pCi/L	U	U	08-1827	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.557	4.17E-01	4.60E+00	—	pCi/L	U	U	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.28	3.83E-01	4.65E+00	—	pCi/L	U	U	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00765	3.00E-02	3.60E-01	—	pCi/L	U	U	08-1827	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Rad	GFPC	Strontium-90	<	-0.1	9.83E-02	1.35E+00	—	pCi/L	U	U	9721R	GW9i-01-0012	STSL
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.21	5.67E-02	3.50E-01	—	pCi/L	—	—	09-2578	CALA-09-11146	GELC
R-9i	602	278.8	07/08/09	WG	UF	RE	—	Rad	EPA:905.0	Strontium-90	<	-0.24	3.13E-02	4.20E-01	—	pCi/L	U	U	09-2578	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.191	3.30E-02	4.40E-01	—	pCi/L	U	U	08-1827	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	GFPC	Strontium-90	<	-0.042	1.90E-02	2.71E-01	—	pCi/L	U	U	106760	GU0311G9iR201	GELC
R-9i	602	278.8	02/06/04	WG	UF	DUP	—	Rad	GFPC	Strontium-90	<	-0.0127	1.76E-02	2.28E-01	—	pCi/L	U	—	106769	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	GFPC	Strontium-90	<	0.0315	2.08E-02	2.75E-01	—	pCi/L	U	U	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.82	2.20E-02	8.30E-02	—	pCi/L	—	—	08-1827	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0191	2.00E-03	1.26E-02	—	pCi/L	J	—	9721R	GW9i-01-0012	STSL
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.715	2.20E-02	9.70E-02	—	pCi/L	—	—	09-2578	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.678	1.83E-02	7.20E-02	—	pCi/L	—	—	08-1827	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-234	—	0.118	6.87E-03	6.30E-02	—	pCi/L	—	J	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	Alpha Spec	Uranium-234	—	0.072	5.30E-03	3.20E-02	—	pCi/L	—	J	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.033	4.33E-03	4.50E-02	—	pCi/L	U	U	08-1827	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00162	5.33E-04	4.38E-03	—	pCi/L	U	U	9721R	GW9i-01-0012	STSL
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0251	3.03E-03	4.80E-02	—	pCi/L	U	U	09-2578	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0415	3.67E-03	3.90E-02	—	pCi/L	—	—	08-1827	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-235/236	<	0.00823	2.05E-03	3.60E-02	—	pCi/L	U	U	106760	GU0311G9iR201	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	Alpha Spec	Uranium-235/236	<	0.00344	2.34E-03	2.94E-02	—	pCi/L	U	U	64510	GU0207G9iR201	GELC
R-9i	602	278.8	09/02/08	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.546	1.63E-02	4.40E-02	—	pCi/L	—	—	08-1827	CALA-08-13882	GELC
R-9i	602	278.8	09/06/01	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.021	2.00E-03	4.38E-03	—	pCi/L	J	—	9721R	GW9i-01-0012	STSL
R-9i	602	278.8	07/08/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.521	1.73E-02	4.80E-02	—	pCi/L	—	—	09-2578	CALA-09-11146	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.485	1.40E-02	3.80E-02	—	pCi/L	—	—	08-1827	CALA-08-13881	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	EPA:901.1	Uranium-238	<	283	1.14E+01	9.62E+01	—	pCi/L	UI	R	106760	GU0311G9iR201	GELC
R-9i	602	278.8	02/06/04	WG	UF	CS	—	Rad	Alpha Spec	Uranium-238	—	0.0902	5.80E-03	4.00E-02	—	pCi/L	—	J	106760	GU0311G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	SW-846:6020	Uranium-238	—	0.078	—	—	1.80E-02	ug/L	—	—	64510	GU0207G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	EPA:901.1	Uranium-238	<	0	4.30E+01	2.12E+02	—	pCi/L	UUI	R	64510	GU0207G9iR201	GELC
R-9i	602	278.8	07/29/02	WG	UF	CS	—	Rad	Alpha Spec	Uranium-238	—	0.0276	3.37E-03	2.63E-02	—	pCi/L	—	J	64510	GU0207G9iR201	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	EQB	Voa	SW-846:8260B	Chloroform	—	1.26	—	—	2.50E-01	ug/L	—	—	09-2576	CALA-09-11143	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	2.50E-01	ug/L	U	U	08-1825	CALA-08-13881	GELC
R-9i	602	278.8	09/06/01	WG	UF	CS	—	Voa	SW-846:8260	Chloroform	<	1	—	—	—	ug/L	U	U	9713R	GW9i-01-0011	GELC
R-9i	602	278.8	07/08/09	WG	UF	CS	EQB	Voa	SW-846:8260B	Chloromethane	—	0.37	—	—	3.00E-01	ug/L	J	J	09-2576	CALA-09-11143	GELC
R-9i	602	278.8	09/02/08	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	U	08-1825	CALA-08-13881	GELC
R-9i	602	278.8	09/06/01	WG	UF	CS	—	Voa	SW-846:8260	Chloromethane	<	1	—	—	—	ug/L	U	U	9713R	GW9i-01-0011	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Dro	SW-846:8015	TPH DRO	—	186	—	—	7.30E+01	ug/L	J	J	09-2693	CALA-09-11335	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	89	—	—	7.30E-01	mg/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	87.2	—	—	7.30E-01	mg/L	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.021	—	—	1.60E-02	mg/L	J	J-	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.128	—	—	1.60E-02	mg/L	—	J-	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	1.24	—	—	6.60E-02	mg/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.894	—	—	6.60E-02	mg/L	—	J+	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	32.5	—	—	5.00E-02	mg/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	32.7	—	—	3.00E-02	mg/L	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	33.4	—	—	5.00E-02	mg/L	—	—	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	33.9	—	—	3.00E-02	mg/L	—	—	09-1986	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	25.6	—	—	3.30E-01	mg/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	26.5	—	—	1.30E-01	mg/L	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	—	0.00484	—	—	1.70E-03	mg/L	J	J	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.303	—	—	3.30E-02	mg/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.209	—	—	3.30E-02	mg/L	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	109	—	—	3.50E-01	mg/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	110	—	—	3.50E-01	mg/L	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	112	—	—	3.50E-01	mg/L	—	—	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	114	—	—	3.50E-01	mg/L	—	—	09-1986	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.74	—	—	8.50E-02	mg/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.77	—	—	8.50E-02	mg/L	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.89	—	—	8.50E-02	mg/L	—	—	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.15	—	—	8.50E-02	mg/L	—	—	09-1986	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.09	—	—	5.00E-02	mg/L	—	J	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.05	—	—	5.00E-02	mg/L	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.582	—	—	5.00E-02	ug/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.645	—	—	5.00E-02	ug/L	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.87	—	—	5.00E-02	mg/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.56	—	—	5.00E-02	mg/L	E	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5	—	—	5.00E-02	mg/L	—	—	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.66	—	—	5.00E-02	mg/L	E	J	09-1986	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	1.00E-01	mg/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	4.50E-02	mg/L	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	1.00E-01	mg/L	—	—	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	4.50E-02	mg/L	—	—	09-1986	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	323	—	—	1.00E+00	uS/cm	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	306	—	—	1.00E+00	uS/cm	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	15.4	—	—	1.00E-01	mg/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	15.4	—	—	1.00E-01	mg/L	—	—	09-1986	CASA-09-9286	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
TA-53i	8801	600	07/20/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	231	—	—	2.40E+00	mg/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	233	—	—	2.40E+00	mg/L	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.112	—	—	3.30E-02	mg/L	—	—	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	3.30E-02	mg/L	U	U	09-1985	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.28	—	—	3.30E-01	mg/L	—	J	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.13	—	—	3.30E-01	mg/L	—	—	09-1985	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.056	—	—	1.50E-02	mg/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.088	—	—	1.50E-02	mg/L	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.28	—	—	1.00E-02	SU	H	J-	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	9.48	—	—	1.00E-02	SU	H	J-	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	42.6	—	—	1.00E+00	ug/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	45	—	—	1.00E+00	ug/L	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	42.5	—	—	1.00E+00	ug/L	—	—	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	47.7	—	—	1.00E+00	ug/L	—	—	09-1986	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	20.6	—	—	1.50E+01	ug/L	J	J	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	27.1	—	—	1.00E+01	ug/L	J	J	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21.8	—	—	1.50E+01	ug/L	J	J	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	31.2	—	—	1.00E+01	ug/L	J	J	09-1986	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	8.03	—	—	2.50E+00	ug/L	J	J	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	6.77	—	—	1.50E+00	ug/L	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	8.41	—	—	2.50E+00	ug/L	J	J	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	13.5	—	—	1.50E+00	ug/L	—	—	09-1986	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	4.13	—	—	3.00E+00	ug/L	J	J	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3.00E+00	ug/L	U	U	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	3.85	—	—	3.00E+00	ug/L	J	J	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	7.79	—	—	3.00E+00	ug/L	J	J	09-1986	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	76.1	—	—	3.00E+01	ug/L	J	J	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	2.50E+01	ug/L	U	U	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	105	—	—	3.00E+01	ug/L	—	—	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	224	—	—	2.50E+01	ug/L	—	—	09-1986	CASA-09-9285	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.85	—	—	5.00E-01	ug/L	J	J	09-1986	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	9.55	—	—	2.00E+00	ug/L	J	J	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.09	—	—	2.00E+00	ug/L	J	J	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9.51	—	—	2.00E+00	ug/L	J	J	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.42	—	—	2.00E+00	ug/L	J	J	09-1986	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	79.9	—	—	1.00E-01	ug/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	76.9	—	—	1.00E-01	ug/L	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	77.6	—	—	1.00E-01	ug/L	—	—	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	77.4	—	—	1.00E-01	ug/L	—	—	09-1986	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	15.5	—	—	5.00E-01	ug/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	11	—	—	5.00E-01	ug/L	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	15.3	—	—	5.00E-01	ug/L	—	—	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	12.9	—	—	5.00E-01	ug/L	—	—	09-1986	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.3	—	—	5.30E-02	mg/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63.5	—	—	3.20E-02	mg/L	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	176	—	—	1.00E+00	ug/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	168	—	—	1.00E+00	ug/L	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	185	—	—	1.00E+00	ug/L	—	—	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	172	—	—	1.00E+00	ug/L	—	—	09-1986	CASA-09-9285	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	3.00E-01	ug/L	U	U	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.495	—	—	3.00E-01	ug/L	J	J	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.45	—	—	3.00E-01	ug/L	J	J	09-1986	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.852	—	—	5.00E-02	ug/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.904	—	—	5.00E-02	ug/L	—	—	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.833	—	—	5.00E-02	ug/L	—	—	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.928	—	—	5.00E-02	ug/L	—	—	09-1986	CASA-09-9285	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
TA-53i	8801	600	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.81	—	—	1.00E+00	ug/L	J	J	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.03	—	—	1.00E+00	ug/L	J	J	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.78	—	—	1.00E+00	ug/L	J	J	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.25	—	—	1.00E+00	ug/L	J	J	09-1986	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	14.8	—	—	3.30E+00	ug/L	—	—	09-2692	CALA-09-11334	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	14.8	—	—	2.00E+00	ug/L	—	J	09-1986	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15	—	—	3.30E+00	ug/L	—	—	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	28.8	—	—	2.00E+00	ug/L	—	J	09-1986	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	PCB	EPA:1668A	PCB-77	—	0.00000332	—	—	2.68E-05	ug/L	J	J	09-2687	CALA-09-11335	ALTC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	PCB	EPA:1668A	Total PCB	—	0.00000332	—	—	5.36E-05	ug/L	—	—	09-2687	CALA-09-11335	ALTC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	PCB	EPA:1668A	Total tetraCB	—	0.00000332	—	—	2.68E-05	ug/L	—	—	09-2687	CALA-09-11335	ALTC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0051	2.40E-03	3.00E-02	—	pCi/L	U	U	09-1987	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0157	4.67E-03	4.40E-02	—	pCi/L	U	U	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00859	1.13E-03	3.40E-02	—	pCi/L	U	U	09-1987	CASA-09-9285	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.024	4.67E-01	4.50E+00	—	pCi/L	U	U	09-1987	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.223	6.33E-01	6.20E+00	—	pCi/L	U	U	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.236	4.33E-01	4.50E+00	—	pCi/L	U	U	09-1987	CASA-09-9285	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.415	4.00E-01	4.20E+00	—	pCi/L	U	U	09-1987	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.43	6.33E-01	7.00E+00	—	pCi/L	U	U	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.643	4.33E-01	4.20E+00	—	pCi/L	U	U	09-1987	CASA-09-9285	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.33	3.30E-01	2.90E+00	—	pCi/L	U	U	09-1987	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.22	1.70E-01	1.90E+00	—	pCi/L	U	U	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	4	4.33E-01	2.90E+00	—	pCi/L	—	—	09-1987	CASA-09-9285	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.76	2.97E-01	2.10E+00	—	pCi/L	—	—	09-1987	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.52	3.10E-01	2.40E+00	—	pCi/L	—	—	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	10.1	5.33E-01	2.90E+00	—	pCi/L	—	—	09-1987	CASA-09-9285	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	50	1.23E+01	6.50E+01	—	pCi/L	U	U	09-1987	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	271	3.67E+01	1.70E+02	—	pCi/L	—	U	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	107	2.17E+01	9.80E+01	—	pCi/L	—	U	09-1987	CASA-09-9285	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-9.17	4.00E+00	3.70E+01	—	pCi/L	U	U	09-1987	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	40.7	4.00E+00	3.60E+01	—	pCi/L	UI	R	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.62	3.27E+00	3.10E+01	—	pCi/L	U	U	09-1987	CASA-09-9285	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00822	3.67E-03	3.20E-02	—	pCi/L	U	U	09-1987	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0136	2.90E-03	2.70E-02	—	pCi/L	U	U	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0115	3.67E-03	3.00E-02	—	pCi/L	U	U	09-1987	CASA-09-9285	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00205	2.47E-03	3.90E-02	—	pCi/L	U	U	09-1987	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00339	1.13E-03	3.30E-02	—	pCi/L	U	U	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00191	1.43E-03	3.70E-02	—	pCi/L	U	U	09-1987	CASA-09-9285	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	33.9	6.00E+00	4.30E+01	—	pCi/L	U	U	09-1987	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.4	6.67E+00	6.20E+01	—	pCi/L	U	U	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	40.7	5.33E+00	4.10E+01	—	pCi/L	U	U	09-1987	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.63	1.10E-01	4.80E-01	—	pCi/L	—	—	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.451	6.33E-02	5.20E-01	—	pCi/L	U	U	09-1987	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.493	8.00E-02	7.50E-01	—	pCi/L	U	U	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.641	8.33E-02	7.20E-01	—	pCi/L	U	U	09-1987	CASA-09-9285	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.86	4.33E-01	4.90E+00	—	pCi/L	U	U	09-1987	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.541	5.67E-01	5.30E+00	—	pCi/L	U	U	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.02	4.00E-01	3.30E+00	—	pCi/L	U	U	09-1987	CASA-09-9285	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.193	3.33E-02	3.90E-01	—	pCi/L	U	U	09-1987	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00629	4.33E-02	4.80E-01	—	pCi/L	U	U	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00104	3.67E-02	3.90E-01	—	pCi/L	U	U	09-1987	CASA-09-9285	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Rad	LLEE	Tritium	—	574.74	6.39E+00	2.87E-01	—	pCi/L	—	—	09-2018	CASA-09-9285	UMTL
TA-53i	8801	600	05/21/09	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.69	2.20E-02	1.10E-01	—	pCi/L	—	—	09-1987	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.654	2.57E-02	1.70E-01	—	pCi/L	—	—	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.665	2.13E-02	1.10E-01	—	pCi/L	—	—	09-1987	CASA-09-9285	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0176	3.67E-03	5.20E-02	—	pCi/L	U	U	09-1987	CASA-09-9286	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00626	2.10E-03	8.40E-02	—	pCi/L	U	U	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0371	4.00E-03	5.00E-02	—	pCi/L	U	U	09-1987	CASA-09-9285	GELC
TA-53i	8801	600	05/21/09	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.237	1.03E-02	5.20E-02	—	pCi/L	—	—	09-1987	CASA-09-9286	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.205	1.23E-02	8.50E-02	—	pCi/L	—	—	09-2692	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.308	1.23E-02	5.00E-02	—	pCi/L	—	—	09-1987	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	FD	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	10.8	—	—	2.00E+00	ug/L	—	—	09-2693	CALA-09-11337	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	9.79	—	—	2.20E+00	ug/L	J	J	09-2693	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	FD	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	15.6	—	—	2.10E+00	ug/L	—	—	09-1985	CASA-09-9288	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	16.3	—	—	2.30E+00	ug/L	—	—	09-1985	CASA-09-9285	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	FD	Voa	SW-846:8260B	Acetone	—	73.5	—	—	3.50E+00	ug/L	—	J	09-2693	CALA-09-11337	GELC
TA-53i	8801	600	07/20/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	—	74.5	—	—	3.50E+00	ug/L	—	J	09-2693	CALA-09-11335	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	FD	Voa	SW-846:8260B	Acetone	—	62.8	—	—	3.50E+00	ug/L	—	J	09-1985	CASA-09-9288	GELC
TA-53i	8801	600	05/21/09	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	—	224	—	—	3.50E+00	ug/L	—	J	09-1985	CASA-09-9285	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	44.8	—	—	7.30E-01	mg/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.073	—	—	1.60E-02	mg/L	—	J-	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.153	—	—	6.60E-02	mg/L	J	J	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.1	—	—	5.00E-02	mg/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	29.6	—	—	5.00E-02	mg/L	—	—	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/30/01	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	34.8	—	—	3.75E-02	mg/L	—	—	46853	GU01091GA2T	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	52.2	—	—	3.30E-01	mg/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.287	—	—	3.30E-02	mg/L	—	J-	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	87.5	—	—	3.50E-01	mg/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	95.5	—	—	3.50E-01	mg/L	—	—	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.82	—	—	8.50E-02	mg/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.25	—	—	8.50E-02	mg/L	—	—	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.62	—	—	5.00E-02	mg/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/30/01	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	<	0.0069	—	—	6.90E-03	mg/L	U	—	46853	GU01091GA2T	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.529	—	—	5.00E-02	ug/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	05/16/05	WG	F	CS	—	Geninorg	EPA:314.0	Perchlorate	<	4	—	—	4.00E+00	ug/L	U	—	136886	GF05050GA2T01	GELC
Test Well 2A	4281	123	05/16/05	WG	F	CS	—	Geninorg	SW846 6850	Perchlorate	<	0.05	—	—	5.00E-02	ug/L	U	UJ	136886	GF05050GA2T01	GELC
Test Well 2A	4281	123	07/30/01	WG	UF	CS	—	Geninorg	EPA:314.0	Perchlorate	<	0.958	—	—	9.58E-01	ug/L	U	—	46853	GU01091GA2T	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.87	—	—	5.00E-02	mg/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.06	—	—	5.00E-02	mg/L	—	—	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16	—	—	1.00E-01	mg/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.8	—	—	1.00E-01	mg/L	—	—	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	334	—	—	1.00E+00	uS/cm	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.9	—	—	1.00E-01	mg/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	242	—	—	2.40E+00	mg/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.066	—	—	1.50E-02	mg/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/30/01	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.0194	—	—	1.94E-02	mg/L	U	—	46853	GU01091GA2T	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.86	—	—	1.00E-02	SU	H	J-	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	57.2	—	—	1.00E+00	ug/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	69.5	—	—	1.00E+00	ug/L	—	—	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	63.4	—	—	2.06E-01	ug/L	—	—	46853	GU01091GA2T	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	81.6	—	—	1.50E+01	ug/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	97.4	—	—	1.50E+01	ug/L	—	—	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	78	—	—	2.95E+00	ug/L	—	—	46853	GU01091GA2T	GELC
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	—	8.18	—	—	1.10E-01	ug/L	N	J+	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/30/01	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	—	0.266	—	—	5.00E-02	ug/L	B	—	46853	GU01091GA2T	GELC
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.01	—	—	2.50E+00	ug/L	J	J	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	<	0.57	—	—	7.81E-01	ug/L	U	—	46853	GU01091GA2T	GELC
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	6.53	—	—	3.00E+00	ug/L	J	J	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	4.23	—	—	2.67E+00	ug/L	B	U	46853	GU01091GA2T	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	6090	—	—	3.00E+01	ug/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	25800	—	—	3.00E+01	ug/L	—	—	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	4610	—	—	2.06E+01	ug/L	—	—	46853	GU01091GA2T	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	321	—	—	5.00E-01	ug/L	E	J	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/30/01	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	3.57	—	—	7.70E-02	ug/L	—	—	46853	GU01091GA2T	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	828	—	—	2.00E+00	ug/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	826	—	—	2.00E+00	ug/L	—	—	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	514	—	—	2.94E+00	ug/L	—	—	46853	GU01091GA2T	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.475	—	—	1.00E-01	ug/L	J	J	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.431	—	—	1.00E-01	ug/L	J	J	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	1.28	—	—	5.94E-01	ug/L	B	U	46853	GU01091GA2T	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.74	—	—	5.00E-01	ug/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	6.15	—	—	5.00E-01	ug/L	—	—	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Nickel	—	1.8	—	—	7.43E-01	ug/L	B	—	46853	GU01091GA2T	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	29.9	—	—	5.30E-02	mg/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	156	—	—	1.00E+00	ug/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	164	—	—	1.00E+00	ug/L	—	—	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	203	—	—	1.68E-01	ug/L	—	—	46853	GU01091GA2T	GELC
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.5	—	—	3.00E-01	ug/L	J	J	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/30/01	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.021	—	—	1.40E-02	ug/L	U	—	46853	GU01091GA2T	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.051	—	—	5.00E-02	ug/L	J	J	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.222	—	—	5.00E-02	ug/L	—	—	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/21/09	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3530	—	—	3.30E+00	ug/L	—	—	09-2708	CAPU-09-11339	GELC
Test Well 2A	4281	123	07/21/09	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	9080	—	—	3.30E+00	ug/L	—	—	09-2708	CAPU-09-11338	GELC
Test Well 2A	4281	123	07/30/01	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	20800	—	—	2.81E+01	ug/L	—	—	46853	GU01091GA2T	GELC
Test Well 3	4461	805	01/19/06	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	144	—	—	1.00E+00	uS/cm	—	—	154285	GF06010G3WT01	GELC
Test Well 3	4461	805	04/29/05	WG	UF	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	158	—	—	1.00E+00	uS/cm	—	—	135808	GU05040G3WT01	GELC
Test Well 3	4461	805	01/19/06	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.38	—	—	1.00E-02	SU	H	J	154285	GF06010G3WT01	GELC
Test Well 3	4461	805	04/29/05	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.21	—	—	1.00E-02	SU	H	J	135808	GU05040G3WT01	GELC
Test Well 3	4461	805	07/22/09	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.431	6.00E-02	5.20E-01	—	pCi/L	U	U	09-2719	CALA-09-11161	GELC
Test Well 3	4461	805	04/29/05	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.192	7.13E-02	7.60E-01	—	pCi/L	U	U	135808	GU05040G3WT01	GELC
Test Well 3	4461	805	09/29/04	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.136	3.93E-02	4.08E-01	—	pCi/L	U	U	122689	GU04090G3WT01	GELC
Test Well 3	4461	805	09/29/04	WG	UF	DUP	—	Rad	EPA:901.1	Radium-226	<	0.0123	8.57E-01	4.48E+00	—	pCi/L	U	—	122501	GU04090G3WT01	GELC
Test Well 3	4461	805	09/29/04	WG	UF	DUP	—	Rad	EPA:903.1	Radium-226	<	0.147	4.50E-02	4.67E-01	—	pCi/L	U	—	122689	GU04090G3WT01	GELC
Test Well 3	4461	805	07/17/03	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.274	3.43E-02	2.55E-01	—	pCi/L	—	J	84453	GU03070G3WT01	GELC
Test Well 3	4461	805	07/17/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	5.86	1.43E+00	6.56E+00	—	pCi/L	U	U	84453	GU03070G3WT01	GELC
Test Well 3	4461	805	05/09/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	5.28	9.70E-01	7.38E+00	—	pCi/L	U	U	60290	GU02050G3WT01	GELC
Test Well 3	4461	805	05/09/02	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.4	4.27E-02	3.08E-01	—	pCi/L	—	J	60290	GU02050G3WT01	GELC
Test Well 3	4461	805	07/22/09	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	-0.403	7.00E-02	7.70E-01	—	pCi/L	U	U	09-2719	CALA-09-11161	GELC
Test Well 3	4461	805	07/17/03	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	13.2	1.30E+00	1.49E+01	—	pCi/L	U	U	84453	GU03070G3WT01	GELC
Test Well 3	4461	805	05/09/02	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	5.63	1.37E+00	1.40E+01	—	pCi/L	U	U	60290	GU02050G3WT01	GELC
Test Well 3	4461	805	06/04/01	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	9.09	1.12E+00	1.39E+01	—	pCi/L	U	—	43655	GU01061G3WT	GELC
Test Well 3	4461	805	06/04/01	WG	UF	DUP	—	Rad	EPA:901.1	Radium-228	<	6.99	1.76E+00	1.42E+01	—	pCi/L	U	—	43655	GU01061G3WT	GELC
Test Well 3	4461	805	07/22/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Acetone	—	33.4	—	—	3.50E+00	ug/L	—	—	09-2719	CALA-09-11160	GELC
Test Well 3	4461	805	01/19/06	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.25E+00	ug/L	U	—	154285	GU06010G3WT01	GELC
Test Well 3	4461	805	04/29/05	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	—	ug/L	U	—	135808	GU05040G3WT01	GELC
Test Well 3	4461	805	09/29/04	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	—	ug/L	U	—	122689	GU04090G3WT01	GELC
Test Well 3	4461	805	07/17/03	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	—	ug/L	U	—	84453	GU03070G3WT01	GELC
Test Well 3	4461	805	07/22/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Butanone[2-]	—	9.12	—	—	1.30E+00	ug/L	—	—	09-2719	CALA-09-11160	GELC
Test Well 3	4461	805	01/19/06	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	1.25E+00	ug/L	U	—	154285	GU06010G3WT01	GELC
Test Well 3	4461	805	04/29/05	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	—	ug/L	U	—	135808	GU05040G3WT01	GELC
Test Well 3	4461	805	09/29/04	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	—	ug/L	U	—	122689	GU04090G3WT01	GELC
Test Well 3	4461	805	07/17/03	WG	UF	CS	—	Voa	SW-846:8260B	Butanone[2-]	<	5	—	—	—	ug/L	U	—	84453	GU03070G3WT01	GELC
Test Well 3	4461	805	07/22/09	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.303	—	—	3.00E-01	ug/L	J	J	09-2719	CALA-09-11161	GELC
Test Well 3	4461	805	01/19/06	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	5.00E-01	ug/L	U	—	154285	GU06010G3WT01	GELC
Test Well 3	4461	805	04/29/05	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	—	ug/L	U	—	135808	GU05040G3WT01	GELC
Test Well 3	4461	805	09/29/04	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	—	ug/L	U	—	122689	GU04090G3WT01	GELC
Test Well 3	4461	805	07/17/03	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	—	ug/L	U	—	84453	GU03070G3WT01	GELC
Test Well 3	4461	805	07/22/09	WG	UF	CS	FTB	Voa	SW-846:8260B	Toluene	—	0.46	—	—	2.50E-01	ug/L	J	J	09-2719	CALA-09-11160	GELC

Table C-2 Analytical Results

Location	Port	Depth (ft)	Date	Field Matrix	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Symbol	Result	1-sigma TPU	MDA	MDL	Units	Lab Qual	2nd Qual	Request	Sample	Lab
Test Well 3	4461	805	01/19/06	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	2.50E-01	ug/L	U	—	154285	GU06010G3WT01	GELC
Test Well 3	4461	805	04/29/05	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	—	ug/L	U	—	135808	GU05040G3WT01	GELC
Test Well 3	4461	805	09/29/04	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	—	ug/L	U	—	122689	GU04090G3WT01	GELC
Test Well 3	4461	805	07/17/03	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	—	ug/L	U	—	84453	GU03070G3WT01	GELC

Appendix D

Analytical Chemistry Screening Results

The following pages provide (1) acronyms and abbreviations and (2) analytical laboratory qualifier codes. The secondary data validation summary is provided in Appendix F.

Acronyms and Abbreviations

Code	Description
Field Prep Codes	
ASHED	Ashed
CRUSH	Crushed
F	Filtered
NA	Not Analyzed
SV	Sieved
UA	Unassigned
UF	Unfiltered
UNK	Unknown
Field QC Type Codes	
CO	Collocated
EQB	Equipment Blank
FB	Field Blank
FD	Field Duplicate
FPR	Field Prepared Reagent
FPS	Field Prepared Spike
FR	Field Rinsate
FS	Field Split
FTB	Field Trip Blank
FTR	Field Triplicate
INB	Equipment blank taken during installation and not associated with a sampling event
ITB	Trip blank taken during installation and not associated with a sampling event
n/a	Not Applicable
PE	Performance Evaluation
PEB	Performance Evaluation Blank
PEK	Performance Evaluation Known
RES	Resample
SS	Special Sampling Event, Data Unique
UA	Unassigned
Suite Codes	
DIOX/FUR	Dioxins and Furans
DRO	Diesel Range Organics
GENINORG	General Inorganics
HERB	Herbicides

Acronyms and Abbreviations (continued)

Code	Description
HEXP	High Explosives
METALS	Metal
PEST/PCB	Pesticides and PCBs
RAD	Radionuclides
SVOA	Semivolatile Organics
VOA	Volatile Organics
Lab Sample Type Codes	
BLIND	Blind Quality Control
BS	Blank Spike
BSD	Blank Spike Duplicate
CS	Client Sample
DL	Dilution
DUP	Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LCST	Laboratory Control Sample Triplicate
MB	Method Blank
MBD	Method Blank Duplicate
MBT	Method Blank Triplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
MSQD	Matrix Spike Quadruplicate
MSQT	Fifth Matrix Spike
MST	Matrix Spike Triplicate
QNT	Fifth Replicate
QUD	Quadruplicate
RE	Reanalysis
REDP	Reanalysis Duplicate
RETRP	Reanalysis Triplicate
RI	Reissue
RID	Reissue Duplicate
SXT	Sixth Replicate
TOTC	Calculated Total
TOTCD	Calculated Total for a Duplicate
TRP	Triplicate

Analytical Laboratory Qualifier Codes

Laboratory Qualifier Code	Laboratory Qualifier Description
*	(Inorganic)—Duplicate analysis (relative percent difference) not within control limits. (Organic)—Spike recovery (relative percent difference) is equal to or outside the control criteria used.
B	(Organic)—Analyte present in the blank and the sample. (Inorganic)—reported value was obtained from a reading that was less than the contract-required detection limit (CRDL) but greater than or equal to the instrument detection limit (IDL).
BJ	See B code and see J code.
BJP	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the IDL but less than the CRDL. (J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL). (P) (Pesticides/PCBs)—The quantitative results for this analyte between the primary and secondary gas chromatography (GC) columns were greater than 25% difference. (P) (SW-846 U.S. Environmental Protection Agency (EPA) Method 8310, High Pressure Liquid Chromatography, HPLC results)—The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference.
BPX	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the IDL but less than the CRDL. (P) (Pesticides/PCBs)—The quantitative results for this analyte between the primary and secondary GC columns were greater than 25% difference. (P) (SW-846 EPA Method 8310, High Pressure Liquid Chromatography, HPLC results)—The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference. (X) (Organic/Inorganic)—The result for this analyte should be regarded as not detected.
DJ	(D) (Organic)—The result for this analyte was reported from a dilution. (J) (Organic/General Inorganics)—The result for this analyte was greater than the MDL but less than the PQL.
DNA	Did not analyze because equipment was broken.
E	EPA Flag—The result for this analyte exceeded the upper range of the instrument initial calibration curve.
EJ	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (inductively coupled plasma atomic emission spectroscopy [ICP-AES])—The result for this analyte in the serial dilution analysis was outside acceptance criteria.
EJN	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (graphite furnace atomic absorption [GFAA])—The result for this analyte failed one or more Control Laboratory Program (CLP) acceptance criteria as explained in the case narrative. (J) (Organic/General Inorganics)—The result for this analyte was greater than the MDL but less than the PQL. (N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria.
EN	See E code and see N code.

Analytical Laboratory Qualifier Codes (continued)

Laboratory Qualifier Code	Laboratory Qualifier Description
EN*	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICP-AES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative. (N) (Organic)—The reported analyte is a TIC. (N) (Inorganic)—The result for this analyte in the matrix spike sample was outside acceptance criteria. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
H	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded.
H*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. * (Organic) and (Inorganic)—The result for this analyte in the laboratory control sample analysis was outside acceptance criteria.
HJ	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. (J) (Organic/General Inorganics)—The result for this analyte was greater than the MDL but less than the PQL.
HJ*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. (J) (Organic/General Inorganics)—The result for this analyte was greater than the MDL but less than the PQL. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
INS	(d15N)—The d15N of nitrate is a signature of the nitrate present in a sample. Therefore, nitrate has to be present to have a signature. A d15N value cannot be given to a blank, since the blank does not have nitrate. This is different than most analytical methods where you would run a blank and use the designator: "nondetect" or detected, but below detection limit.
J	(Inorganic)—The associated numerical value is an estimated quantity. (Organic)—The associated numerical value is an estimated quantity.
J*	This code is no longer used.
JB	See J code and see B code
JN	(J) (Organic/General Inorganics)—The result for this analyte was greater than the MDL but less than the Practical Quantitation Limit (PQL). (N) (Organic)—The reported analyte is a TIC.
JN*	(J) (Organic/Inorganic/General Inorganics)—The result for this analyte was greater than the MDL but less than the PQL. (N) (Organic)—The reported analyte is a TIC.
JP	See J code and see P code.
N	(Organic)—Presumptive evidence of presence of material. (Inorganic)—Spiked sample recovery not within control limits.
N*	This code is no longer used.
P	This code is no longer used.
U	(Inorganic)—The material was analyzed for but was not detected above the level of the associated numeric value. The associated numerical value is either the sample quantitation limit or the sample detection limit.

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Analytical Laboratory Qualifier Codes (continued)

Laboratory Qualifier Code	Laboratory Qualifier Description
U*	See U code and see * code.
UE	See U code and see E code.
UEN	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. Spiked sample recovery not within control limits.
UH	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded.
UH*	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. * (Inorganic)—The result for this analyte in the Laboratory Replicate analysis was outside acceptance criteria.
UI	This code is no longer used.
UN	EPA flag (Inorganic)—Compound was analyzed for but was not detected. Spiked sample recovery not within control limits.
UN*	EPA flag (Inorganic)—Compound was analyzed for but was not detected. Spiked sample recovery not within control limits. Duplicate analysis not within control limits.
X	The result for this analyte was not detected at the specified reporting limit (used for gas chromatography methods).

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**Table D-1
Surface-Water Metals**

Field Matrix Code	Location	Start Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Method Detection Limit	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	NM Aquatic Chronic F 100 mg	Ratio (Result/Screening Level)
WS	Pueblo above Acid	07/09/09	Al	F	CS	—*	—	266	68	µg/L	GELC	—	—	—	SW-846:6010B	87	3.06
WS	Acid above Pueblo	07/09/09	Al	F	CS	—	—	296	68	µg/L	GELC	—	—	—	SW-846:6010B	87	3.4

*— = None.

**Table D-2
Surface-Water Perchlorate**

Field Matrix Code	Location	Start Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analyte	Analytical Method Code	Symbol	Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
WS	DP below Meadow at TA-21	07/14/09	—*	F	CS	CIO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
WS	DP below Meadow at TA-21	07/14/09	FD	F	CS	CIO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
WS	Pueblo above Acid	07/09/09	—	F	CS	CIO4	SW-846:6850	—	0.369	0.05	µg/L	1	—	—	—	GELC
WS	Pueblo 3	07/21/09	PEB	UF	CS	CIO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
WS	Pueblo 3	07/21/09	PEB	UF	CS	CIO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
WS	Pueblo 3	07/21/09	—	F	CS	CIO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
WS	Acid above Pueblo	07/09/09	—	F	CS	CIO4	SW-846:6850	—	0.485	0.05	µg/L	1	—	—	—	GELC

*— = None.

**Table D-3
Surface-Water Organics**

Field Matrix Code	Location	Start Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analytical Suite Code	Analyte Description	Analyte	Symbol	Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	NM Aquatic Chronic 100 mg	Ratio (Result/Screening Level)	NM Human Health 05 Screening Level	Ratio (Result/Screening Level)
WS	DP below Meadow at TA-21	07/14/09	FB	UF	CS	VOA	Chloroform	67-66-3	—*	2.12	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	4700	—
WS	DP below Meadow at TA-21	07/14/09	—	UF	CS	PEST/PCB	PCB-106/118	70424-69-0	—	0.0000268	0.0000271	µg/L	1	J	J	J_LAB	EPA:1668A	ALTC	—	—	—	—
WS	DP below Meadow at TA-21	07/14/09	—	UF	CS	PEST/PCB	PCB-110	38380-03-9	—	0.0000401	0.0000271	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	DP below Meadow at TA-21	07/14/09	—	UF	CS	PEST/PCB	PCB-138/163/164	35065-28-2	—	0.0000412	0.0000271	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	DP below Meadow at TA-21	07/14/09	—	UF	CS	PEST/PCB	PCB-153	35065-27-1	—	0.0000294	0.0000271	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	DP below Meadow at TA-21	07/14/09	—	UF	CS	PEST/PCB	PCB-90/101	68194-07-0	—	0.0000286	0.0000271	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	DP below Meadow at TA-21	07/14/09	—	UF	CS	PEST/PCB	Total PCB	1336-36-3	—	0.000178	0.0000542	µg/L	1	—	—	—	EPA:1668A	ALTC	0.014	0.01	0.0006	0.3
WS	DP below Meadow at TA-21	07/14/09	—	UF	CS	PEST/PCB	Total hexaCB	26601-64-9	—	0.000706	0.0000271	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	DP below Meadow at TA-21	07/14/09	—	UF	CS	PEST/PCB	Total pentaCB	25429-29-2	—	0.000107	0.0000271	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-110	38380-03-9	—	0.0000949	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-132/161	38380-05-1	—	0.0000466	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-138/163/164	35065-28-2	—	0.000175	0.0000278	µg/L	1	B	J	CB4a	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-139/149	56030-56-9	—	0.000157	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-141	52712-04-6	—	0.0000408	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-151	52663-63-5	—	0.0000501	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-153	35065-27-1	—	0.000169	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-170	35065-30-6	—	0.0000615	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-174	38411-25-5	—	0.0000851	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-177	52663-70-4	—	0.0000488	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-179	52663-64-6	—	0.0000389	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-180	35065-29-3	—	0.000197	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-182/187	60145-23-5	—	0.000122	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-183	52663-69-1	—	0.0000429	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-194	35694-08-7	—	0.0000483	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-196/203	42740-50-1	—	0.0000838	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-199	52663-75-9	—	0.0000664	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-206	40186-72-9	—	0.0000278	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-90/101	68194-07-0	—	0.0000637	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	PCB-95/98/102	38379-99-6	—	0.0000671	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—

Table D-3 (continued)

Field Matrix Code	Location	Start Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analytical Suite Code	Analyte Description	Analyte	Symbol	Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	NM Aquatic Chronic 100 mg	Ratio (Result/Screening Level)	NM Human Health 05 Screening Level	Ratio (Result/Screening Level)
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	Total PCB	1336-36-3	—	0.00177	0.0000556	µg/L	1	B	J	CB4a	EPA:1668A	ALTC	0.014	0.13	0.0006	2.95
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	Total heptaCB	28655-71-2	—	0.000596	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	Total hexaCB	26601-64-9	—	0.000653	0.0000278	µg/L	1	B	J	CB4a	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	Total nonaCB	53742-07-7	—	0.0000278	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	Total octaCB	55722-26-4	—	0.000198	0.0000278	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo above Acid	07/09/09	—	UF	CS	PEST/PCB	Total pentaCB	25429-29-2	—	0.000296	0.0000278	µg/L	1	B	J	CB4a	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-106/118	70424-69-0	—	0.000301	0.0000264	µg/L	1	B	J	CB4a	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-107/109	70424-68-9	—	0.0000289	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-108/112	70362-41-3	—	0.0000281	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-110	38380-03-9	—	0.00118	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-124	70424-70-3	—	0.000029	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-128/162	38380-07-3	—	0.000441	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-129	55215-18-4	—	0.000109	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-130	52663-66-8	—	0.000156	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-132/161	38380-05-1	—	0.000649	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-133/142	35694-04-3	—	0.0000627	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-134/143	52704-70-8	—	0.000119	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-135	52744-13-5	—	0.000267	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-136	38411-22-2	—	0.000234	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-137	35694-06-5	—	0.000139	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-138/163/164	35065-28-2	—	0.00214	0.0000264	µg/L	1	B	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-139/149	56030-56-9	—	0.00141	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-141	52712-04-6	—	0.000352	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-144	68194-14-9	—	0.0000571	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-146/165	51908-16-8	—	0.000282	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-147	68194-13-8	—	0.0000558	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-151	52663-63-5	—	0.000343	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-153	35065-27-1	—	0.00177	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-158/160	74472-42-7	—	0.000183	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-170	35065-30-6	—	0.000364	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—

Table D-3 (continued)

Field Matrix Code	Location	Start Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analytical Suite Code	Analyte Description	Analyte	Symbol	Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	NM Aquatic Chronic 100 mg	Ratio (Result/Screening Level)	NM Human Health 05 Screening Level	Ratio (Result/Screening Level)
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-171	52663-71-5	—	0.000103	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-172	52663-74-8	—	0.0000642	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-174	38411-25-5	—	0.000416	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-176	52663-65-7	—	0.0000468	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-177	52663-70-4	—	0.000229	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-178	52663-67-9	—	0.000077	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-179	52663-64-6	—	0.000174	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-180	35065-29-3	—	0.000791	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-182/187	60145-23-5	—	0.000417	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-183	52663-69-1	—	0.000175	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-185	52712-05-7	—	0.0000399	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-190	41411-64-7	—	0.0000656	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-193	69782-91-8	—	0.0000416	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-194	35694-08-7	—	0.000107	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-195	52663-78-2	—	0.0000568	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-196/203	42740-50-1	—	0.000169	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-199	52663-75-9	—	0.00018	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-202	2136-99-4	—	0.0000374	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-206	40186-72-9	—	0.0000662	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-209	2051-24-3	—	0.000038	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-43/49	70362-46-8	—	0.000029	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-44	41464-39-5	—	0.0000308	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-52/69	35693-99-3	—	0.000123	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-82	52663-62-4	—	0.0000593	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-84/92	52663-60-2	—	0.000268	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-85/116	65510-45-4	—	0.000174	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-87/117/125	38380-02-8	—	0.00017	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-88/91	55215-17-3	—	0.000168	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-90/101	68194-07-0	—	0.000708	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-95/98/102	38379-99-6	—	0.000641	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—

Table D-3 (continued)

Field Matrix Code	Location	Start Date	Field QC Type Code	Field Preparation Code	Lab Sample Type Code	Analytical Suite Code	Analyte Description	Analyte	Symbol	Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	NM Aquatic Chronic 100 mg	Ratio (Result/Screening Level)	NM Human Health 05 Screening Level	Ratio (Result/Screening Level)
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-97	41464-51-1	—	0.000179	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	PCB-99	38380-01-7	—	0.000394	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	Total PCB	1336-36-3	—	0.0173	0.0000529	µg/L	1	B	—	—	EPA:1668A	ALTC	0.014	1.24	0.0006	28.83
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	Total decaCB	DECACB(Total)	—	0.000038	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	Total heptaCB	28655-71-2	—	0.00302	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	Total hexaCB	26601-64-9	—	0.00899	0.0000264	µg/L	1	B	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	Total nonaCB	53742-07-7	—	0.0000662	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	Total octaCB	55722-26-4	—	0.00055	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	Total pentaCB	25429-29-2	—	0.00448	0.0000264	µg/L	1	B	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Acid above Pueblo	07/09/09	—	UF	CS	PEST/PCB	Total tetraCB	26914-33-0	—	0.000192	0.0000264	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo 3	07/21/09	—	UF	CS	PEST/PCB	PCB-110	38380-03-9	—	0.000047	0.0000279	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo 3	07/21/09	—	UF	CS	PEST/PCB	PCB-139/149	56030-56-9	—	0.0000742	0.0000279	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo 3	07/21/09	—	UF	CS	PEST/PCB	PCB-153	35065-27-1	—	0.0000811	0.0000279	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo 3	07/21/09	—	UF	CS	PEST/PCB	PCB-174	38411-25-5	—	0.0000308	0.0000279	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo 3	07/21/09	—	UF	CS	PEST/PCB	PCB-180	35065-29-3	—	0.0000622	0.0000279	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo 3	07/21/09	—	UF	CS	PEST/PCB	PCB-182/187	60145-23-5	—	0.0000357	0.0000279	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo 3	07/21/09	—	UF	CS	PEST/PCB	PCB-52/69	35693-99-3	—	0.000031	0.0000279	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo 3	07/21/09	—	UF	CS	PEST/PCB	PCB-90/101	68194-07-0	—	0.0000482	0.0000279	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo 3	07/21/09	—	UF	CS	PEST/PCB	PCB-95/98/102	38379-99-6	—	0.0000452	0.0000279	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo 3	07/21/09	—	UF	CS	PEST/PCB	Total PCB	1336-36-3	—	0.000573	0.0000559	µg/L	1	B	J	CB4a	EPA:1668A	ALTC	0.014	0.04	0.0006	0.96
WS	Pueblo 3	07/21/09	—	UF	CS	PEST/PCB	Total heptaCB	28655-71-2	—	0.000129	0.0000279	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo 3	07/21/09	—	UF	CS	PEST/PCB	Total hexaCB	26601-64-9	—	0.000237	0.0000279	µg/L	1	B	J	CB4a	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo 3	07/21/09	—	UF	CS	PEST/PCB	Total pentaCB	25429-29-2	—	0.000172	0.0000279	µg/L	1	B	J	CB4a	EPA:1668A	ALTC	—	—	—	—
WS	Pueblo 3	07/21/09	—	UF	CS	PEST/PCB	Total tetraCB	26914-33-0	—	0.0000353	0.0000279	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—

*— = None.

**Table D-4
Surface-Water Radionuclides**

Field Matrix Code	Location	Start Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	Minimum Detectable Activity	Unit	Lab Code	Analytical Method Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	DOE BCG Screening Level	Ratio (Result/Screening Level)	NMED Radiation Protection Screening Level	Ratio (Result/Screening Level)
WS	DP below Meadow at TA-21	07/14/09	Sr-90	UF	CS	FD	—*	98.7	8	0.63	pCi/L	GELC	EPA:905.0	—	—	—	300	0.33	500	0.2
WS	DP below Meadow at TA-21	07/14/09	Sr-90	UF	CS	—	—	111	8.9	0.76	pCi/L	GELC	EPA:905.0	—	—	—	300	0.37	500	0.22
WS	Acid above Pueblo	07/09/09	Am-241	UF	CS	—	—	0.204	0.026	0.041	pCi/L	GELC	HASL-300:AM-241	—	—	—	400	—	20	0.01
WS	Acid above Pueblo	07/09/09	GROSSAB	UF	CS	—	—	16.6	3	3.6	pCi/L	GELC	EPA:900	—	—	—	—	—	—	—
WS	Acid above Pueblo	07/09/09	Pu-239/240	UF	CS	—	—	6.54	0.34	0.065	pCi/L	GELC	HASL-300:ISOPU	—	—	—	200	0.03	20	0.33
WS	Acid above Pueblo	07/09/09	Sr-90	UF	CS	—	—	2.3	0.23	0.35	pCi/L	GELC	EPA:905.0	—	—	—	300	0.01	500	—
WS	Pueblo 3	07/21/09	Am-241	UF	CS	—	—	0.0646	0.012	0.033	pCi/L	GELC	HASL-300:AM-241	—	—	—	400	—	20	—
WS	Pueblo 3	07/21/09	Pu-238	UF	CS	—	—	0.03	0.0093	0.03	pCi/L	GELC	HASL-300:ISOPU	—	—	—	—	—	20	—
WS	Pueblo 3	07/21/09	Sr-90	UF	CS	—	—	0.586	0.15	0.44	pCi/L	GELC	EPA:905.0	—	—	—	300	—	500	—

*— = None.

**Table D-5
Groundwater Metals**

Zone	Location	Well Class	Port Depth (ft)	Start Date	Analyte	Field Prep Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Method Detection Limit	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	EPA MCL	Ratio (Result/Screening Level)	NMWOCC STD	Ratio (Result/Screening Level)
Alluvial	PAO-1	SINGLE	5.89	07/07/09	Fe	F	CS	—*	—	816	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	0.82
Alluvial	PAO-2	SINGLE	6.06	07/10/09	Fe	F	CS	—	—	534	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	0.53
Alluvial	PAO-4	SINGLE	1.97	07/20/09	Fe	F	CS	—	—	5210	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	5.21
Alluvial	PAO-4	SINGLE	1.97	07/20/09	Mn	F	CS	—	—	1520	2	µg/L	GELC	—	—	—	SW-846:6010B	—	—	200	7.6
Alluvial	APCO-1	SINGLE	4.7	07/20/09	As	F	CS	—	—	12	1.5	µg/L	GELC	—	J	I4a	SW-846:6020	10	1.2	—	—
Alluvial	APCO-1	SINGLE	4.7	07/20/09	Mn	F	CS	—	—	957	2	µg/L	GELC	—	—	—	SW-846:6010B	—	—	200	4.79
Intermediate	Test Well 2A	SINGLE	123	07/21/09	Cd	UF	CS	—	—	8.18	0.11	µg/L	GELC	N	J+	I6b	SW-846:6020	5	1.64	—	—
Intermediate	Test Well 2A	SINGLE	123	07/21/09	Fe	F	CS	—	—	6090	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	6.09
Intermediate	Test Well 2A	SINGLE	123	07/21/09	Mn	F	CS	—	—	828	2	µg/L	GELC	—	—	—	SW-846:6010B	—	—	200	4.14
Intermediate	Test Well 2A	SINGLE	123	07/21/09	Pb	UF	CS	—	—	321	0.5	µg/L	GELC	E	J	I18	SW-846:6020	15	21.4	—	—
Alluvial	LAUZ-1	SINGLE	5.35	07/17/09	Mn	F	CS	—	—	1750	2	µg/L	GELC	—	—	—	SW-846:6010B	—	—	200	8.75
Intermediate	R-9i	MULTI	198.8	07/08/09	Mn	F	CS	—	—	244	2	µg/L	GELC	—	—	—	SW-846:6010B	—	—	200	1.22

*— = None.

**Table D-6
Groundwater Inorganics**

Analyte	Zone	Location	Well Class	Port Depth (ft)	Start Date	Field Prep Code	Field QC Type Code	Lab Sample Type Code	Symbol	Result	Uncertainty	Method Detection Limit	Unit	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	EPA MCL	Ratio (Result/Screening Level)	NMWOCC STD	Ratio (Result/Screening Level)
Cl(-1)	Alluvial	LAUZ-1	SINGLE	5.35	07/17/09	F	—*	CS	—	159	—	1.3	mg/L	GELC	—	—	—	—	—	250	0.64
F(-1)	Intermediate	R-5	MULTI	383.9	07/22/09	F	—	CS	—	1.1	—	0.033	mg/L	GELC	—	—	—	—	—	1.6	0.69
F(-1)	Regional	R-5	MULTI	718.6	07/22/09	F	—	CS	—	0.812	—	0.033	mg/L	GELC	—	—	—	—	—	1.6	0.51
F(-1)	Intermediate Spring	Los Alamos Spring	SPRING	—	07/09/09	F	FD	CS	—	0.961	—	0.033	mg/L	GELC	—	—	—	—	—	1.6	0.6
F(-1)	Intermediate Spring	Los Alamos Spring	SPRING	—	07/09/09	F	—	CS	—	0.956	—	0.033	mg/L	GELC	—	—	—	—	—	1.6	0.6
NO3+NO2-N	Intermediate	POI-4	SINGLE	159	07/15/09	F	—	CS	—	5.26	—	0.1	mg/L	GELC	—	—	—	10	0.53	10	0.53
NO3+NO2-N	Intermediate	R-3i	SINGLE	215.2	07/22/09	F	FD	CS	—	7.65	—	0.25	mg/L	GELC	—	J-	I6a	10	0.77	10	0.77
NO3+NO2-N	Intermediate	R-3i	SINGLE	215.2	07/22/09	F	—	CS	—	5.65	—	0.5	mg/L	GELC	—	J-	I6a	10	0.57	10	0.57
TDS	Alluvial	LAUZ-1	SINGLE	5.35	07/17/09	F	—	CS	—	535	—	2.4	mg/L	GELC	—	—	—	—	—	1000	0.54

*— = None.

Table D-7
Groundwater Organics

Zone	Location	Well Class	Port Depth (ft)	Start Date	Field QC Type Code	Field Prep Code	Lab Sample Type Code	Analytical Suite Code	Analyte Description	Analyte	Symbol	Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	EPA MCL	Ratio (Result/Screening Level)	EPA TAP Screening Level C-5	Ratio (Result/Screening Level)	EPA TAP Screening Level N	Ratio (Result/Screening Level)	NMWOCC STD	Ratio (Result/Screening Level)
Alluvial	PAO-1	SINGLE	5.89	07/07/09	EQB	UF	CS	VOA	Chloroform	67-66-3	—*	1.99	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	80	0.02	1.9	1.05	—	—	100	0.02
Alluvial	PAO-1	SINGLE	5.89	07/07/09	EQB	UF	CS	VOA	Chloromethane	74-87-3	—	0.48	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Alluvial	PAO-2	SINGLE	6.06	07/10/09	EQB	UF	CS	VOA	Chloroform	67-66-3	—	1.79	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	80	0.02	1.9	0.94	—	—	100	0.02
Alluvial	PAO-2	SINGLE	6.06	07/10/09	—	UF	CS	VOA	Chloromethane	74-87-3	—	0.63	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Alluvial	PAO-4	SINGLE	1.97	07/20/09	—	UF	CS	DIOX/FUR	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	—	0.00000356	0.00000356	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Alluvial	PAO-4	SINGLE	1.97	07/20/09	—	UF	CS	DIOX/FUR	Heptachlorodibenzofurans (Total)	38998-75-3	—	0.00000356	0.00000356	µg/L	1	—	—	—	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Alluvial	PAO-4	SINGLE	1.97	07/20/09	—	UF	CS	DIOX/FUR	Hexachlorodibenzofuran[1,2,3,4,7,8-]	70648-26-9	—	0.00000131	0.00000131	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Alluvial	PAO-4	SINGLE	1.97	07/20/09	—	UF	CS	DIOX/FUR	Hexachlorodibenzofurans (Total)	55684-94-1	—	0.00000309	0.00000309	µg/L	1	—	—	—	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Alluvial	PAO-4	SINGLE	1.97	07/20/09	—	UF	CS	DIOX/FUR	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	—	0.00000465	0.00000465	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Alluvial	PAO-4	SINGLE	1.97	07/20/09	—	UF	CS	DIOX/FUR	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	—	0.00000381	0.00000381	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Alluvial	APCO-1	SINGLE	4.7	07/20/09	—	UF	CS	DIOX/FUR	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	—	0.00000251	0.00000251	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Alluvial	APCO-1	SINGLE	4.7	07/20/09	—	UF	CS	DIOX/FUR	Heptachlorodibenzofurans (Total)	38998-75-3	—	0.00000251	0.00000251	µg/L	1	—	—	—	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Alluvial	APCO-1	SINGLE	4.7	07/20/09	—	UF	CS	DIOX/FUR	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	—	0.00000727	0.00000727	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Alluvial	APCO-1	SINGLE	4.7	07/20/09	—	UF	CS	DIOX/FUR	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	—	0.00000294	0.00000294	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Alluvial	APCO-1	SINGLE	4.7	07/20/09	PEB	UF	CS	VOA	Chloroform	67-66-3	—	0.688	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	80	0.01	1.9	0.36	—	—	100	0.01
Alluvial	APCO-1	SINGLE	4.7	07/20/09	PEB	UF	CS	VOA	Chloromethane	74-87-3	—	0.693	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Intermediate	R-5	MULTI	383.9	07/22/09	FTB	UF	CS	VOA	Acetone	67-64-1	—	35	3.5	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Intermediate	R-5	MULTI	383.9	07/22/09	FTB	UF	CS	VOA	Butanone[2-]	78-93-3	—	10.3	1.3	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	—	—	7100	—	—	—
Intermediate	R-5	MULTI	383.9	07/22/09	EQB	UF	CS	VOA	Chloroform	67-66-3	—	0.333	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	80	—	1.9	0.18	—	—	100	—
Intermediate	R-5	MULTI	383.9	07/22/09	EQB	UF	CS	VOA	Chloromethane	74-87-3	—	0.322	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Intermediate	R-5	MULTI	383.9	07/22/09	FTB	UF	CS	VOA	Toluene	108-88-3	—	0.448	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Intermediate	R-3i	SINGLE	215.2	07/23/09	PEB	UF	CS	PEST/PCB	PCB-110	38380-03-9	—	0.000105	0.0000274	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—	—	—	—	—
Intermediate	R-3i	SINGLE	215.2	07/23/09	PEB	UF	CS	PEST/PCB	PCB-44	41464-39-5	—	0.0000558	0.0000274	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—	—	—	—	—
Intermediate	R-3i	SINGLE	215.2	07/23/09	PEB	UF	CS	PEST/PCB	PCB-52/69	35693-99-3	—	0.0000701	0.0000274	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—	—	—	—	—
Intermediate	R-3i	SINGLE	215.2	07/23/09	PEB	UF	CS	PEST/PCB	PCB-61/70	33284-53-6	—	0.0000677	0.0000274	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—	—	—	—	—
Intermediate	R-3i	SINGLE	215.2	07/23/09	PEB	UF	CS	PEST/PCB	PCB-77	32598-13-3	—	0.00000548	0.0000274	µg/L	1	J	J	J_LAB	EPA:1668A	ALTC	0.5	—	0.052	—	—	—	1	—
Intermediate	R-3i	SINGLE	215.2	07/23/09	PEB	UF	CS	PEST/PCB	PCB-84/92	52663-60-2	—	0.0000411	0.0000274	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—	—	—	—	—
Intermediate	R-3i	SINGLE	215.2	07/23/09	PEB	UF	CS	PEST/PCB	PCB-87/117/125	38380-02-8	—	0.0000384	0.0000274	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—	—	—	—	—
Intermediate	R-3i	SINGLE	215.2	07/23/09	PEB	UF	CS	PEST/PCB	PCB-90/101	68194-07-0	—	0.0000782	0.0000274	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—	—	—	—	—
Intermediate	R-3i	SINGLE	215.2	07/23/09	PEB	UF	CS	PEST/PCB	PCB-95/98/102	38379-99-6	—	0.0000754	0.0000274	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—	—	—	—	—
Intermediate	R-3i	SINGLE	215.2	07/23/09	PEB	UF	CS	PEST/PCB	Total PCB	1336-36-3	—	0.000596	0.0000547	µg/L	1	B	J	CB4a	EPA:1668A	ALTC	0.5	—	1.7	—	—	—	1	—
Intermediate	R-3i	SINGLE	215.2	07/23/09	PEB	UF	CS	PEST/PCB	Total pentaCB	25429-29-2	—	0.000397	0.0000274	µg/L	1	B	J	CB4a	EPA:1668A	ALTC	—	—	—	—	—	—	—	—
Intermediate	R-3i	SINGLE	215.2	07/23/09	PEB	UF	CS	PEST/PCB	Total tetraCB	26914-33-0	—	0.000199	0.0000274	µg/L	1	—	—	—	EPA:1668A	ALTC	—	—	—	—	—	—	—	—

Table D-7 (continued)

Zone	Location	Well Class	Port Depth (ft)	Start Date	Field OC Type Code	Field Prep Code	Lab Sample Type Code	Analytical Suite Code	Analyte Description	Analyte	Symbol	Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	EPA MCL	Ratio (Result/Screening Level)	EPA TAP Screening Level C-5	Ratio (Result/Screening Level)	EPA TAP Screening Level N	Ratio (Result/Screening Level)	NMWOCC STD	Ratio (Result/Screening Level)
Intermediate	R-3i	SINGLE	215.2	07/22/09	FB	UF	CS	VOA	Chloroform	67-66-3	—	1.99	0.25	µg/L	1	—	—	SW-846:8260B	GELC	80	0.02	1.9	1.05	—	—	100	0.02	
Intermediate	R-3i	SINGLE	215.2	07/22/09	FB	UF	CS	VOA	Chloromethane	74-87-3	—	0.441	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Intermediate	R-3i	SINGLE	215.2	07/23/09	PEB	UF	CS	VOA	Chloromethane	74-87-3	—	0.556	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Intermediate	R-3i	SINGLE	215.2	07/23/09	PEB	UF	CS	VOA	Chloromethane	74-87-3	—	0.31	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional	R-4	SINGLE	792.9	07/16/09	—	UF	CS	VOA	Chloromethane	74-87-3	—	0.345	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional	R-5	MULTI	718.6	07/22/09	FTB	UF	CS	VOA	Acetone	67-64-1	—	4.22	3.5	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Regional	R-5	MULTI	718.6	07/22/09	EQB	UF	CS	VOA	Chloroform	67-66-3	—	0.43	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	80	0.01	1.9	0.23	—	—	100	—
Regional	R-5	MULTI	860.9	07/23/09	EQB	UF	CS	VOA	Acetone	67-64-1	—	3.73	3.5	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Alluvial	LAO-B	SINGLE	11.84	07/14/09	FB	UF	CS	VOA	Acetone	67-64-1	—	10.3	3.5	µg/L	1	—	—	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—	—
Alluvial	LAO-B	SINGLE	11.84	07/14/09	FB	UF	CS	VOA	Chloromethane	74-87-3	—	0.426	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Alluvial	LAO-0.3	SINGLE	5.9	07/13/09	—	UF	CS	VOA	Chloromethane	74-87-3	—	0.327	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Alluvial	LAO-0.6	SINGLE	8	07/13/09	—	UF	CS	VOA	Chloromethane	74-87-3	—	0.56	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Alluvial	LAO-1	SINGLE	8	07/16/09	—	UF	CS	VOA	Chloromethane	74-87-3	—	0.311	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Alluvial	LAO-1.6g	SINGLE	10.47	07/16/09	—	UF	CS	VOA	Chloromethane	74-87-3	—	0.471	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Alluvial	LAO-2	SINGLE	7	07/15/09	—	UF	CS	VOA	Chloromethane	74-87-3	—	0.433	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Alluvial	LAO-3a	SINGLE	4.7	07/15/09	FB	UF	CS	VOA	Chloroform	67-66-3	—	2.23	0.25	µg/L	1	—	—	SW-846:8260B	GELC	80	0.03	1.9	1.17	—	—	100	0.02	
Alluvial	LAO-3a	SINGLE	4.7	07/15/09	FB	UF	CS	VOA	Chloromethane	74-87-3	—	0.363	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Alluvial	LAO-4.5c	SINGLE	13.3	07/14/09	FTB	UF	CS	VOA	Acetone	67-64-1	—	5.15	3.5	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Intermediate	LAO(a)-1.1	SINGLE	295.2	07/07/09	—	UF	CS	VOA	Chloromethane	74-87-3	—	0.39	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Intermediate	R-6i	SINGLE	602	07/14/09	—	UF	CS	SVOA	Benzo(a)pyrene	50-32-8	—	2.12	0.22	µg/L	1	—	—	SW-846:8270C	GELC	0.2	10.6	0.029	73.1	—	—	0.7	3.03	
Intermediate	R-6i	SINGLE	602	07/14/09	—	UF	CS	SVOA	Benzo(b)fluoranthene	205-99-2	—	3.68	0.22	µg/L	1	—	—	SW-846:8270C	GELC	—	—	0.29	12.69	—	—	—	—	
Intermediate	R-6i	SINGLE	602	07/14/09	—	UF	CS	SVOA	Indeno(1,2,3-cd)pyrene	193-39-5	—	0.837	0.22	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	—	—	0.29	2.89	—	—	—	—
Intermediate	TA-53i	SINGLE	600	07/20/09	—	UF	CS	DRO	Total Petroleum Hydrocarbons Diesel Range Organics	TPH-DRO	—	186	73	µg/L	1	J	J	J_LAB	SW-846:8015M_EXTRACTABLE	GELC	—	—	—	—	—	—	—	
Intermediate	TA-53i	SINGLE	600	07/20/09	—	UF	CS	PEST/PCB	PCB-77	32598-13-3	—	0.00000332	0.0000268	µg/L	1	J	J	J_LAB	EPA:1668A	ALTC	0.5	—	0.052	—	—	—	1	—
Intermediate	TA-53i	SINGLE	600	07/20/09	—	UF	CS	PEST/PCB	Total PCB	1336-36-3	—	0.00000332	0.0000536	µg/L	1	—	—	EPA:1668A	ALTC	0.5	—	1.7	—	—	—	1	—	
Intermediate	TA-53i	SINGLE	600	07/20/09	—	UF	CS	PEST/PCB	Total tetraCB	26914-33-0	—	0.00000332	0.0000268	µg/L	1	—	—	EPA:1668A	ALTC	—	—	—	—	—	—	—	—	
Intermediate	TA-53i	SINGLE	600	05/21/09	FD	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	15.6	2.1	µg/L	1	—	—	SW-846:8270C	GELC	6	2.6	48	0.33	—	—	—	—	
Intermediate	TA-53i	SINGLE	600	05/21/09	—	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	16.3	2.3	µg/L	1	—	—	SW-846:8270C	GELC	6	2.72	48	0.34	—	—	—	—	
Intermediate	TA-53i	SINGLE	600	07/20/09	FD	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	10.8	2	µg/L	1	—	—	SW-846:8270C	GELC	6	1.8	48	0.23	—	—	—	—	
Intermediate	TA-53i	SINGLE	600	07/20/09	—	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	9.79	2.2	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	6	1.63	48	0.2	—	—	—	—
Intermediate	TA-53i	SINGLE	600	05/21/09	FD	UF	CS	VOA	Acetone	67-64-1	—	62.8	3.5	µg/L	1	—	J	V7c	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Intermediate	TA-53i	SINGLE	600	05/21/09	—	UF	CS	VOA	Acetone	67-64-1	—	224	3.5	µg/L	1	—	J	V7c	SW-846:8260B	GELC	—	—	—	—	22000	0.01	—	—
Intermediate	TA-53i	SINGLE	600	07/20/09	FD	UF	CS	VOA	Acetone	67-64-1	—	73.5	3.5	µg/L	1	—	J	V7b	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Intermediate	TA-53i	SINGLE	600	07/20/09	—	UF	CS	VOA	Acetone	67-64-1	—	74.5	3.5	µg/L	1	—	J	V7b	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—

Table D-7 (continued)

Zone	Location	Well Class	Port Depth (ft)	Start Date	Field OC Type Code	Field Prep Code	Lab Sample Type Code	Analytical Suite Code	Analyte Description	Analyte	Symbol	Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Analytical Method Code	Lab Code	EPA MCL	Ratio (Result/Screening Level)	EPA TAP Screening Level C-5	Ratio (Result/Screening Level)	EPA TAP Screening Level N	Ratio (Result/Screening Level)	NMWOCC STD	Ratio (Result/Screening Level)
Intermediate	LAOI-3.2	SINGLE	153.3	07/08/09	—	UF	CS	VOA	Chloromethane	74-87-3	—	0.47	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Intermediate	LAOI-3.2a	SINGLE	181.4	07/08/09	—	UF	CS	VOA	Chloroform	67-66-3	—	0.38	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	80	—	1.9	0.2	—	—	100	—
Intermediate	LAOI-3.2a	SINGLE	181.4	07/08/09	—	UF	CS	VOA	Chloromethane	74-87-3	—	0.34	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Intermediate	LAOI-7	SINGLE	240	07/13/09	FTB	UF	CS	VOA	Dichloroethane[1,2-]	107-06-2	—	0.304	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.06	1.5	0.2	—	—	10	0.03
Intermediate	R-9i	MULTI	198.8	07/08/09	EQB	UF	CS	VOA	Chloroform	67-66-3	—	1.04	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	80	0.01	1.9	0.55	—	—	100	0.01
Intermediate	R-9i	MULTI	278.8	07/08/09	EQB	UF	CS	VOA	Chloroform	67-66-3	—	1.26	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	80	0.02	1.9	0.66	—	—	100	0.01
Intermediate	R-9i	MULTI	278.8	07/08/09	EQB	UF	CS	VOA	Chloromethane	74-87-3	—	0.37	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional	R-7	MULTI	915.1	07/20/09	EQB	UF	CS	VOA	Chloroform	67-66-3	—	0.474	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	80	0.01	1.9	0.25	—	—	100	—
Regional	R-8	MULTI	711.1	07/20/09	EQB	UF	CS	VOA	Chloroform	67-66-3	—	0.356	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	80	—	1.9	0.19	—	—	100	—
Regional	R-8	MULTI	711.1	07/20/09	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.369	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional	R-8	MULTI	825	07/09/09	EQB	UF	CS	VOA	Chloroform	67-66-3	—	0.31	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	80	—	1.9	0.16	—	—	100	—
Regional	Test Well 3	SINGLE	805	07/22/09	FTB	UF	CS	VOA	Acetone	67-64-1	—	33.4	3.5	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Regional	Test Well 3	SINGLE	805	07/22/09	FTB	UF	CS	VOA	Butanone[2-]	78-93-3	—	9.12	1.3	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	—	—	7100	—	—	—
Regional	Test Well 3	SINGLE	805	07/22/09	—	UF	CS	VOA	Chloromethane	74-87-3	—	0.303	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional	Test Well 3	SINGLE	805	07/22/09	FTB	UF	CS	VOA	Toluene	108-88-3	—	0.46	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Alluvial	LLAO-4	SINGLE	5.24	07/08/09	—	UF	CS	VOA	Chloromethane	74-87-3	—	0.32	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Intermediate Spring	Basalt Spring	SPRING	—	07/09/09	—	UF	CS	VOA	Chloromethane	74-87-3	—	0.34	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Intermediate Spring	Los Alamos Spring	SPRING	—	07/09/09	FB	UF	CS	VOA	Chloroform	67-66-3	—	1.94	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	80	0.02	1.9	1.02	—	—	100	0.02
Intermediate Spring	Los Alamos Spring	SPRING	—	07/09/09	FB	UF	CS	VOA	Chloromethane	74-87-3	—	0.35	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional	R-24	SINGLE	825	07/16/09	PEB	UF	CS	VOA	Chloromethane	74-87-3	—	0.337	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—

*— = None.

**Table D-8
Groundwater Perchlorate**

Zone	Location	Well Class	Port Depth (ft)	Start Date	Field QC Type Code	Field Prep Code	Lab Sample Type Code	Analyte	Analytical Method Code	Symbol	Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
Alluvial	PAO-1	SINGLE	6	07/07/09	—*	F	CS	CIO4	SW-846:6850	—	0.579	0.05	µg/L	1	—	—	—	GELC
Alluvial	PAO-2	SINGLE	6	07/10/09	—	F	CS	CIO4	SW-846:6850	—	0.45	0.05	µg/L	1	—	—	—	GELC
Alluvial	PAO-4	SINGLE	2	07/20/09	—	F	CS	CIO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Alluvial	APCO-1	SINGLE	5	07/20/09	PEB	UF	CS	CIO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Alluvial	APCO-1	SINGLE	5	07/20/09	PEB	UF	CS	CIO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Alluvial	APCO-1	SINGLE	5	07/20/09	—	F	CS	CIO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Intermediate	Test Well 2A	SINGLE	123	07/21/09	—	F	CS	CIO4	SW-846:6850	—	0.529	0.05	µg/L	1	—	—	—	GELC
Intermediate	POI-4	SINGLE	159	07/15/09	—	F	CS	CIO4	SW-846:6850	—	0.322	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-5	MULTI	384	07/22/09	—	F	CS	CIO4	SW-846:6850	—	1.45	0.1	µg/L	2	—	—	—	GELC
Intermediate	R-3i	SINGLE	215	07/22/09	—	F	CS	CIO4	SW-846:6850	—	3.23	0.25	µg/L	5	—	—	—	GELC
Intermediate	R-3i	SINGLE	215	07/22/09	FD	F	CS	CIO4	SW-846:6850	—	3.45	0.25	µg/L	5	—	—	—	GELC
Intermediate	R-3i	SINGLE	215	07/23/09	PEB	UF	CS	CIO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Intermediate	R-3i	SINGLE	215	07/23/09	PEB	UF	CS	CIO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	R-2	SINGLE	918	07/10/09	—	F	CS	CIO4	SW-846:6850	—	0.386	0.05	µg/L	1	—	—	—	GELC
Regional	R-4	SINGLE	793	07/16/09	—	F	CS	CIO4	SW-846:6850	—	4.57	0.5	µg/L	10	—	—	—	GELC
Regional	R-4	SINGLE	793	07/16/09	FD	F	CS	CIO4	SW-846:6850	—	4.45	0.5	µg/L	10	—	—	—	GELC
Regional	R-5	MULTI	719	07/22/09	—	F	CS	CIO4	SW-846:6850	—	1.2	0.1	µg/L	2	—	—	—	GELC
Regional	R-5	MULTI	861	07/23/09	—	F	CS	CIO4	SW-846:6850	—	0.293	0.05	µg/L	1	—	—	—	GELC
Alluvial Spring	DP Spring	SPRING	—	07/21/09	—	F	CS	CIO4	SW-846:6850	—	0.139	0.05	µg/L	1	J	J	J_LAB	GELC
Alluvial	LAO-B	SINGLE	12	07/14/09	—	F	CS	CIO4	SW-846:6850	—	0.0634	0.05	µg/L	1	J	J	J_LAB	GELC
Alluvial	LAO-B	SINGLE	12	07/14/09	FD	F	CS	CIO4	SW-846:6850	—	0.0591	0.05	µg/L	1	J	J	J_LAB	GELC
Alluvial	LAO-0.3	SINGLE	6	07/13/09	—	F	CS	CIO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Alluvial	LAO-0.6	SINGLE	8	07/13/09	—	F	CS	CIO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Alluvial	LAO-1	SINGLE	8	07/16/09	—	F	CS	CIO4	SW-846:6850	—	0.0604	0.05	µg/L	1	J	J	J_LAB	GELC
Alluvial	LAO-1.6g	SINGLE	10	07/16/09	—	F	CS	CIO4	SW-846:6850	—	0.139	0.05	µg/L	1	J	J	J_LAB	GELC
Alluvial	LAUZ-1	SINGLE	5	07/17/09	—	F	CS	CIO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Alluvial	LAO-2	SINGLE	7	07/15/09	—	F	CS	CIO4	SW-846:6850	—	0.234	0.05	µg/L	1	—	—	—	GELC
Alluvial	LAO-3a	SINGLE	5	07/15/09	—	F	CS	CIO4	SW-846:6850	—	0.248	0.05	µg/L	1	—	—	—	GELC
Alluvial	LAO-3a	SINGLE	5	07/15/09	FD	F	CS	CIO4	SW-846:6850	—	0.243	0.05	µg/L	1	—	—	—	GELC
Alluvial	LAO-4.5c	SINGLE	13	07/14/09	—	F	CS	CIO4	SW-846:6850	—	0.183	0.05	µg/L	1	J	J	J_LAB	GELC

Table D-8 (continued)

Zone	Location	Well Class	Port Depth (ft)	Start Date	Field QC Type Code	Field Prep Code	Lab Sample Type Code	Analyte	Analytical Method Code	Symbol	Result	Method Detection Limit	Unit	Dilution Factor	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	Lab Code
Intermediate	LAOI(a)-1.1	SINGLE	295	07/07/09	—	F	CS	CIO4	SW-846:6850	—	0.204	0.05	µg/L	1	—	—	—	GELC
Intermediate	LADP-3	SINGLE	316	07/15/09	—	F	CS	CIO4	SW-846:6850	—	0.135	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate	R-6i	SINGLE	602	07/14/09	—	F	CS	CIO4	SW-846:6850	—	7	0.5	µg/L	10	—	—	—	GELC
Intermediate	TA-53i	SINGLE	600	05/21/09	—	F	CS	CIO4	SW-846:6850	—	0.645	0.05	µg/L	1	—	—	—	GELC
Intermediate	TA-53i	SINGLE	600	07/20/09	—	F	CS	CIO4	SW-846:6850	—	0.582	0.05	µg/L	1	—	—	—	GELC
Intermediate	LAOI-3.2	SINGLE	153	07/08/09	—	F	CS	CIO4	SW-846:6850	—	4.45	0.25	µg/L	5	—	—	—	GELC
Intermediate	LAOI-3.2a	SINGLE	181	07/08/09	—	F	CS	CIO4	SW-846:6850	—	2.85	0.25	µg/L	5	—	—	—	GELC
Intermediate	LAOI-7	SINGLE	240	07/13/09	—	F	CS	CIO4	SW-846:6850	—	0.66	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-9i	MULTI	199	07/08/09	—	F	CS	CIO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Intermediate	R-9i	MULTI	279	07/08/09	—	F	CS	CIO4	SW-846:6850	—	2.37	0.2	µg/L	4	—	—	—	GELC
Regional	R-8	MULTI	711	07/20/09	—	F	CS	CIO4	SW-846:6850	—	0.302	0.05	µg/L	1	—	—	—	GELC
Regional	R-8	MULTI	825	07/09/09	—	F	CS	CIO4	SW-846:6850	—	0.423	0.05	µg/L	1	—	—	—	GELC
Regional	R-6	SINGLE	1205	07/14/09	—	F	CS	CIO4	SW-846:6850	—	0.355	0.05	µg/L	1	—	—	—	GELC
Regional	R-9	SINGLE	684	07/13/09	—	F	CS	CIO4	SW-846:6850	—	1.03	0.1	µg/L	2	—	—	—	GELC
Regional	R-9	SINGLE	684	07/13/09	FD	F	CS	CIO4	SW-846:6850	—	1.08	0.1	µg/L	2	—	—	—	GELC
Alluvial	LLAO-4	SINGLE	5	07/08/09	—	F	CS	CIO4	SW-846:6850	—	0.0524	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate Spring	Basalt Spring	SPRING	—	07/09/09	—	F	CS	CIO4	SW-846:6850	—	3.8	0.25	µg/L	5	—	—	—	GELC
Intermediate Spring	Los Alamos Spring	SPRING	—	07/09/09	—	F	CS	CIO4	SW-846:6850	—	1.65	0.1	µg/L	2	—	—	—	GELC
Intermediate Spring	Los Alamos Spring	SPRING	—	07/09/09	FD	F	CS	CIO4	SW-846:6850	—	1.64	0.1	µg/L	2	—	—	—	GELC
Regional	R-24	SINGLE	825	07/16/09	PEB	UF	CS	CIO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	R-24	SINGLE	825	07/16/09	PEB	UF	CS	CIO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	R-24	SINGLE	825	07/16/09	—	F	CS	CIO4	SW-846:6850	—	0.394	0.05	µg/L	1	—	—	—	GELC
Previously Unreported Data																		
Regional	R-5	Multi	861	08/26/08	—	F	Cs	CIO4	SW-846:6850	—	0.279	0.05	µg/L	1	—	—	—	GELC

*— = None.

**Table D-9
Groundwater Tritium**

Zone	Location	Well Class	Port Depth (ft)	Start Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	Minimum Detectable Activity	Method Detection Limit	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	DOE DCG Screening Level	Ratio (Result/Screening Level)	DOE DE DCG Screening Level	Ratio (Result/Screening Level)	EPA MCL	Ratio (Result/Screening Level)
Intermediate	TA-53i	SINGLE	600	05/21/09	H-3	UF	CS	—*	—	574.74	19.16	0.28737	—	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—	2000000	—	80000	0.01	20000	0.03

* — = None

Table D-10
Groundwater Radionuclides

Zone	Location	Well Class	Port Depth (ft)	Start Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	Minimum Detectable Activity	Unit	Lab Code	Analytical Method Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	DOE DCG Screening Level	Ratio (Result/Screening Level)	DOE DW DCG Screening Level	Ratio (Result/Screening Level)	EPA MCL	Ratio (Result/Screening Level)	EPA Secondary Drinking Water Screening Level	Ratio (Result/Screening Level)	NMWOCC STD	Ratio (Result/Screening Level)	NMED Radiation Protection Screening Level	Ratio (Result/Screening Level)
Alluvial	PAO-1	SINGLE	5.89	07/07/09	Ra-228	UF	CS	—	*	1.26	0.28	0.51	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.32	5	0.25	—	—	30	0.04	60	0.02
Alluvial	PAO-2	SINGLE	6.06	07/10/09	Pu-239/240	UF	CS	—	—	0.842	0.054	0.032	pCi/L	GELC	HASL-300:ISOPU	—	—	—	30	0.03	1.2	0.7	—	—	—	—	—	20	0.04	
Alluvial	PAO-2	SINGLE	6.06	07/10/09	Ra-228	UF	CS	—	<	0.866	0.3	0.78	pCi/L	GELC	EPA:904	—	U	R11	100	0.01	4	0.22	5	0.17	—	—	30	0.03	60	0.01
Alluvial	PAO-2	SINGLE	6.06	07/10/09	Sr-90	UF	CS	—	—	0.738	0.18	0.42	pCi/L	GELC	EPA:905.0	—	—	—	1000	—	40	0.02	8	0.09	—	—	—	—	500	—
Alluvial	PAO-4	SINGLE	1.97	07/20/09	Pu-239/240	UF	CS	—	—	0.192	0.023	0.041	pCi/L	GELC	HASL-300:ISOPU	—	—	—	30	0.01	1.2	0.16	—	—	—	—	—	20	0.01	
Alluvial	PAO-4	SINGLE	1.97	07/20/09	Ra-226	UF	CS	—	—	1.47	0.36	0.66	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.37	5	0.29	—	—	30	0.05	60	0.02
Alluvial	PAO-4	SINGLE	1.97	07/20/09	Sr-90	UF	CS	—	—	0.717	0.17	0.4	pCi/L	GELC	EPA:905.0	—	—	—	1000	—	40	0.02	8	0.09	—	—	—	—	500	—
Alluvial	APCO-1	SINGLE	4.7	07/20/09	Pu-239/240	UF	CS	—	—	0.093	0.014	0.035	pCi/L	GELC	HASL-300:ISOPU	—	—	—	30	—	1.2	0.08	—	—	—	—	—	20	—	
Alluvial	APCO-1	SINGLE	4.7	07/20/09	Ra-226	UF	CS	—	—	0.987	0.27	0.61	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.25	5	0.2	—	—	30	0.03	60	0.02
Alluvial	APCO-1	SINGLE	4.7	07/20/09	Sr-90	UF	CS	—	—	0.512	0.17	0.48	pCi/L	GELC	EPA:905.0	—	—	—	1000	—	40	0.01	8	0.06	—	—	—	—	500	—
Intermediate	POI-4	SINGLE	159	07/15/09	Ra-226	UF	CS	—	—	0.37	0.12	0.27	pCi/L	GELC	EPA:903.1	—	—	—	100	—	4	0.09	5	0.07	—	—	30	0.01	60	0.01
Intermediate	POI-4	SINGLE	159	07/15/09	Ra-228	UF	CS	—	—	1.34	0.31	0.64	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.34	5	0.27	—	—	30	0.04	60	0.02
Intermediate	R-5	MULTI	383.9	07/22/09	Ra-226	UF	CS	—	<	0.49	0.16	0.29	pCi/L	GELC	EPA:903.1	—	U	R11	100	—	4	0.12	5	0.1	—	—	30	0.02	60	0.01
Intermediate	R-3i	SINGLE	215.2	07/22/09	U	F	CS	FD	—	9.46	—	—	µg/L	GELC	SW-846:6020	—	—	—	800	0.01	30	0.32	—	—	—	—	30	0.32	—	—
Intermediate	R-3i	SINGLE	215.2	07/22/09	U	F	CS	—	—	9.65	—	—	µg/L	GELC	SW-846:6020	—	—	—	800	0.01	30	0.32	—	—	—	—	30	0.32	—	—
Intermediate	R-3i	SINGLE	215.2	07/22/09	U	UF	CS	FD	—	9.68	—	—	µg/L	GELC	SW-846:6020	—	—	—	800	0.01	30	0.32	—	—	—	—	30	0.32	—	—
Intermediate	R-3i	SINGLE	215.2	07/22/09	U	UF	CS	—	—	9.23	—	—	µg/L	GELC	SW-846:6020	—	—	—	800	0.01	30	0.31	—	—	—	—	30	0.31	—	—
Regional	R-2	SINGLE	918	07/10/09	GROSSB	UF	CS	—	—	23.2	2.7	3.8	pCi/L	GELC	EPA:900	—	—	—	1000	0.02	—	—	—	—	50	0.46	—	—	—	—
Regional	R-2	SINGLE	918	07/10/09	Ra-228	UF	CS	—	—	1.19	0.35	0.84	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.3	5	0.24	—	—	30	0.04	60	0.02
Regional	R-4	SINGLE	792.9	07/16/09	Ra-228	UF	CS	—	—	1.18	0.28	0.61	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.3	5	0.24	—	—	30	0.04	60	0.02
Regional	R-5	MULTI	718.6	07/22/09	Ra-226	UF	CS	—	<	0.38	0.16	0.36	pCi/L	GELC	EPA:903.1	—	U	R11	100	—	4	0.1	5	0.08	—	—	30	0.01	60	0.01
Regional	R-5	MULTI	860.9	07/23/09	Ra-228	UF	CS	—	—	1.22	0.3	0.8	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.31	5	0.24	—	—	30	0.04	60	0.02
Alluvial Spring	DP Spring	SPRING	—	07/21/09	Am-241	UF	CS	—	—	0.0302	0.0073	0.028	pCi/L	GELC	HASL-300:AM-241	—	—	—	30	—	1.2	0.03	—	—	—	—	—	20	—	
Alluvial Spring	DP Spring	SPRING	—	07/21/09	GROSSB	UF	CS	—	—	101	9.2	3.4	pCi/L	GELC	EPA:900	—	—	—	1000	0.1	—	—	—	—	50	2.02	—	—	—	—

Table D-10 (continued)

Zone	Location	Well Class	Port Depth (ft)	Start Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	Minimum Detectable Activity	Unit	Lab Code	Analytical Method Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	DOE DCG Screening Level	Ratio (Result/Screening Level)	DOE DW DCG Screening Level	Ratio (Result/Screening Level)	EPA MCL	Ratio (Result/Screening Level)	EPA Secondary Drinking Water Screening Level	Ratio (Result/Screening Level)	NMWOCC STD	Ratio (Result/Screening Level)	NMED Radiation Protection Screening Level	Ratio (Result/Screening Level)
Alluvial Spring	DP Spring	SPRING	—	07/21/09	Sr-90	UF	CS	—	—	48.8	4.1	0.65	pCi/L	GELC	EPA:905.0	—	—	—	1000	0.05	40	1.22	8	6.1	—	—	—	—	500	0.1
Alluvial	LAO-B	SINGLE	11.84	07/14/09	Ra-228	UF	CS	—	—	0.938	0.26	0.61	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.23	5	0.19	—	—	30	0.03	60	0.02
Alluvial	LAO-0.3	SINGLE	5.9	07/13/09	Ra-226	UF	CS	—	—	0.397	0.12	0.29	pCi/L	GELC	EPA:903.1	—	—	—	100	—	4	0.1	5	0.08	—	—	30	0.01	60	0.01
Alluvial	LAO-0.3	SINGLE	5.9	07/13/09	Ra-228	UF	CS	—	—	1.04	0.31	0.75	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.26	5	0.21	—	—	30	0.03	60	0.02
Alluvial	LAO-1	SINGLE	8	07/16/09	Sr-90	UF	CS	—	—	5.72	0.54	0.39	pCi/L	GELC	EPA:905.0	—	—	—	1000	0.01	40	0.14	8	0.72	—	—	—	—	500	0.01
Alluvial	LAO-1.6g	SINGLE	10.47	07/16/09	Ra-228	UF	CS	—	—	1.58	0.38	0.86	pCi/L	GELC	EPA:904	—	—	—	100	0.02	4	0.4	5	0.32	—	—	30	0.05	60	0.03
Alluvial	LAUZ-1	SINGLE	5.35	07/17/09	GROSSB	UF	CS	—	—	92.1	7.9	2.8	pCi/L	GELC	EPA:900	—	—	—	1000	0.09	—	—	—	—	50	1.84	—	—	—	—
Alluvial	LAUZ-1	SINGLE	5.35	07/17/09	Ra-226	UF	CS	—	—	1.13	0.25	0.27	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.28	5	0.23	—	—	30	0.04	60	0.02
Alluvial	LAUZ-1	SINGLE	5.35	07/17/09	Sr-90	UF	CS	—	—	49.2	4	0.37	pCi/L	GELC	EPA:905.0	—	—	—	1000	0.05	40	1.23	8	6.15	—	—	—	—	500	0.1
Alluvial	LAO-2	SINGLE	7	07/15/09	GROSSB	UF	CS	—	—	25.2	2.7	2.2	pCi/L	GELC	EPA:900	—	—	—	1000	0.03	—	—	—	—	50	0.5	—	—	—	—
Alluvial	LAO-2	SINGLE	7	07/15/09	Ra-228	UF	CS	—	—	1.26	0.28	0.57	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.32	5	0.25	—	—	30	0.04	60	0.02
Alluvial	LAO-2	SINGLE	7	07/15/09	Sr-90	UF	CS	—	—	12.2	1	0.41	pCi/L	GELC	EPA:905.0	—	—	—	1000	0.01	40	0.31	8	1.53	—	—	—	—	500	0.02
Alluvial	LAO-3a	SINGLE	4.7	07/15/09	GROSSB	UF	CS	FD	—	46.8	4.5	2.1	pCi/L	GELC	EPA:900	—	—	—	1000	0.05	—	—	—	—	50	0.94	—	—	—	—
Alluvial	LAO-3a	SINGLE	4.7	07/15/09	GROSSB	UF	CS	—	—	46.9	4.5	2.3	pCi/L	GELC	EPA:900	—	—	—	1000	0.05	—	—	—	—	50	0.94	—	—	—	—
Alluvial	LAO-3a	SINGLE	4.7	07/15/09	Ra-226	UF	CS	—	<	0.323	0.12	0.29	pCi/L	GELC	EPA:903.1	—	U	R11	100	—	4	0.08	5	0.06	—	—	30	0.01	60	0.01
Alluvial	LAO-3a	SINGLE	4.7	07/15/09	Ra-228	UF	CS	—	<	0.658	0.22	0.59	pCi/L	GELC	EPA:904	—	U	R11	100	0.01	4	0.16	5	0.13	—	—	30	0.02	60	0.01
Alluvial	LAO-3a	SINGLE	4.7	07/15/09	Sr-90	UF	CS	FD	—	21.8	1.8	0.45	pCi/L	GELC	EPA:905.0	—	—	—	1000	0.02	40	0.55	8	2.73	—	—	—	—	500	0.04
Alluvial	LAO-3a	SINGLE	4.7	07/15/09	Sr-90	UF	CS	—	—	20.8	1.7	0.4	pCi/L	GELC	EPA:905.0	—	—	—	1000	0.02	40	0.52	8	2.6	—	—	—	—	500	0.04
Alluvial	LAO-4.5c	SINGLE	13.3	07/14/09	Ra-226	UF	CS	—	<	0.295	0.11	0.27	pCi/L	GELC	EPA:903.1	—	U	R11	100	—	4	0.07	5	0.06	—	—	30	0.01	60	—
Alluvial	LAO-4.5c	SINGLE	13.3	07/14/09	Ra-228	UF	CS	—	—	1.5	0.37	0.76	pCi/L	GELC	EPA:904	—	—	—	100	0.02	4	0.38	5	0.3	—	—	30	0.05	60	0.03
Alluvial	LAO-4.5c	SINGLE	13.3	07/14/09	Sr-90	UF	CS	—	—	1.44	0.24	0.48	pCi/L	GELC	EPA:905.0	—	—	—	1000	—	40	0.04	8	0.18	—	—	—	—	500	—
Intermediate	LAOI(a)-1.1	SINGLE	295.2	07/07/09	Ra-226	UF	CS	—	<	0.575	0.2	0.52	pCi/L	GELC	EPA:903.1	—	U	R11	100	0.01	4	0.14	5	0.12	—	—	30	0.02	60	0.01
Intermediate	LAOI(a)-1.1	SINGLE	295.2	07/07/09	Ra-228	UF	CS	—	—	0.965	0.24	0.47	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.24	5	0.19	—	—	30	0.03	60	0.02
Intermediate	LADP-3	SINGLE	316	07/15/09	Ra-228	UF	CS	—	—	0.678	0.22	0.55	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.17	5	0.14	—	—	30	0.02	60	0.01
Intermediate	R-6i	SINGLE	602	07/14/09	H-3	UF	CS	—	—	3230	340	200	pCi/L	GELC	EPA:906.0	—	—	—	2000000	—	80000	0.04	20000	0.16	—	—	—	—	1000000	—
Intermediate	R-6i	SINGLE	602	07/14/09	K-40	UF	CS	—	<	66.3	23	42	pCi/L	GELC	EPA:901.1	—	U	R11	7000	0.01	280	0.24	—	—	—	—	—	—	4000	0.02

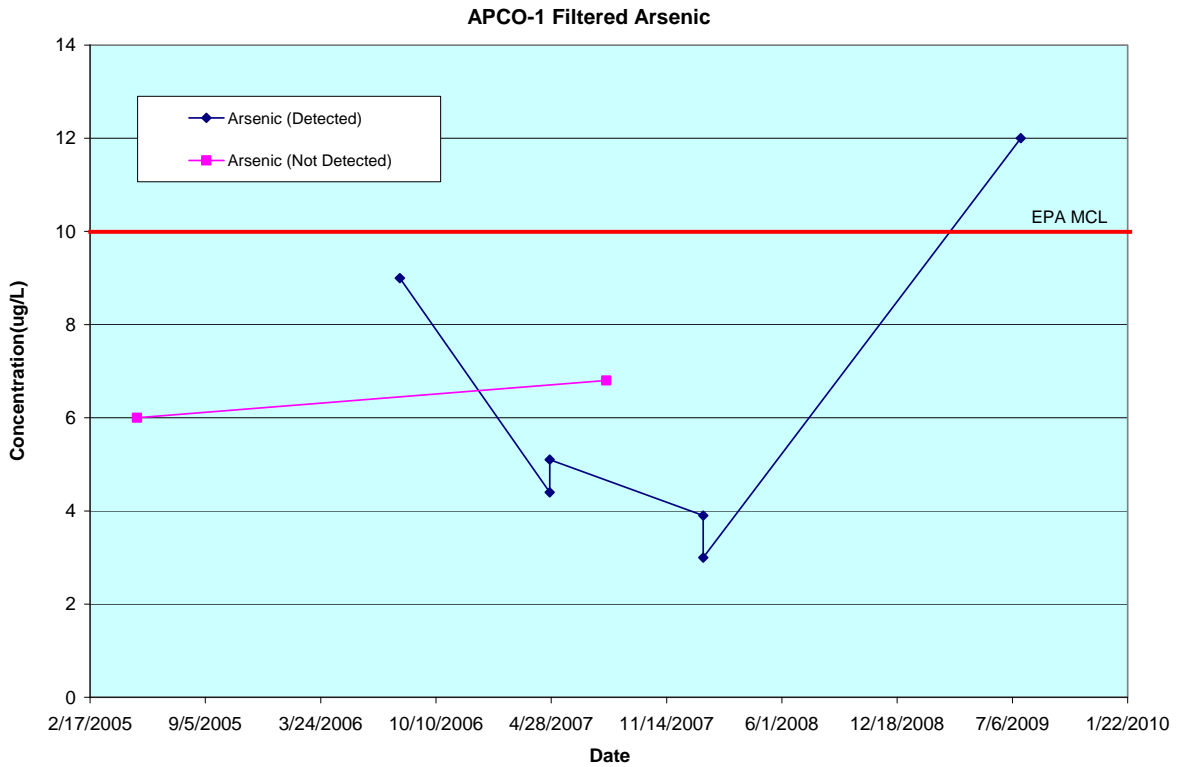
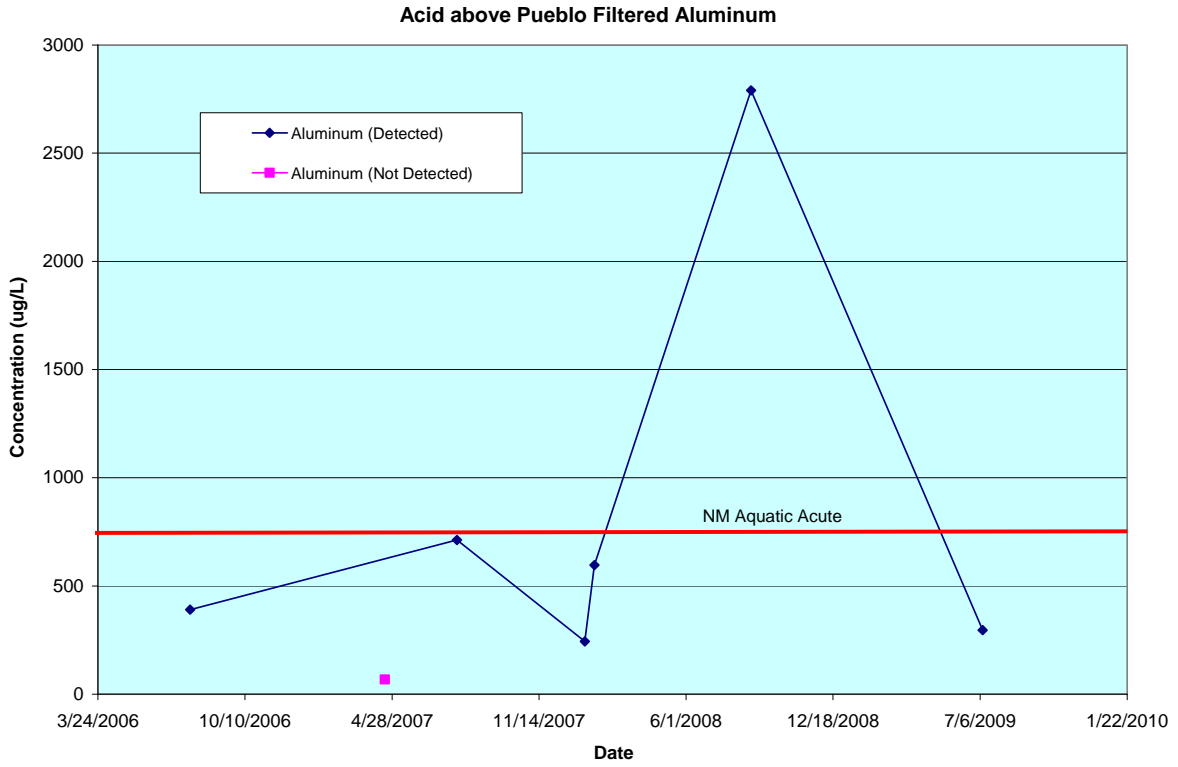
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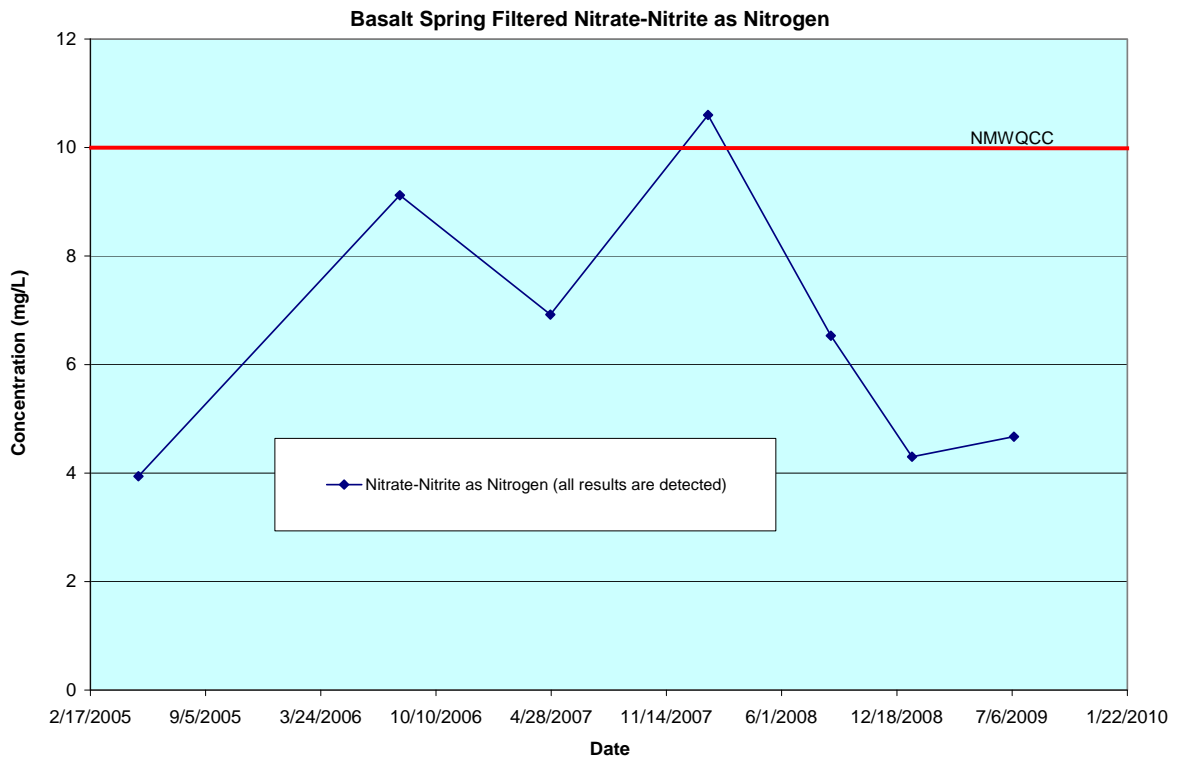
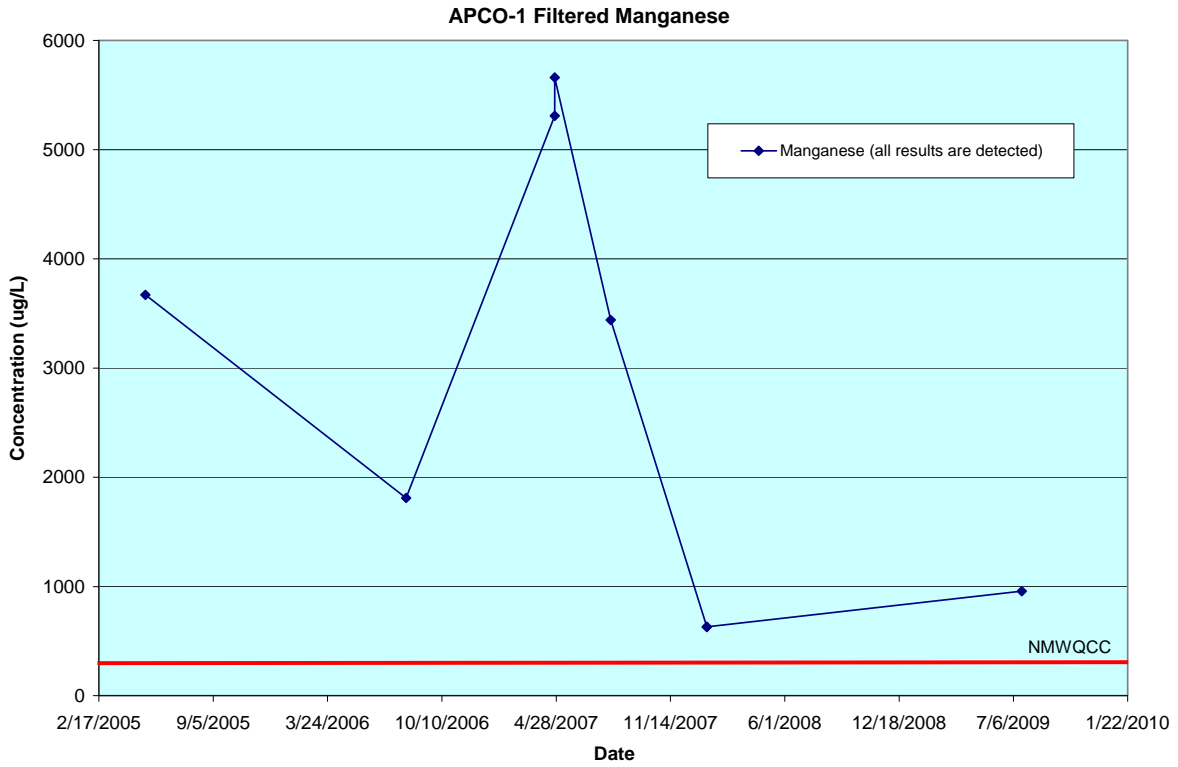
Zone	Location	Well Class	Port Depth (ft)	Start Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	Minimum Detectable Activity	Unit	Lab Code	Analytical Method Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	DOE DCG Screening Level	Ratio (Result/Screening Level)	DOE DW DCG Screening Level	Ratio (Result/Screening Level)	EPA MCL	Ratio (Result/Screening Level)	EPA Secondary Drinking Water Screening Level	Ratio (Result/Screening Level)	NMWOCC STD	Ratio (Result/Screening Level)	NMED Radiation Protection Screening Level	Ratio (Result/Screening Level)
Intermediate	R-6i	SINGLE	602	07/14/09	Ra-226	UF	CS	—	—	0.614	0.17	0.26	pCi/L	GELC	EPA:903.1	—	—	100	0.01	4	0.15	5	0.12	—	—	30	0.02	60	0.01	
Intermediate	R-6i	SINGLE	602	07/14/09	Ra-228	UF	CS	—	—	1.05	0.3	0.8	pCi/L	GELC	EPA:904	—	—	100	0.01	4	0.26	5	0.21	—	—	30	0.04	60	0.02	
Intermediate	TA-53i	SINGLE	600	07/20/09	Ra-226	UF	CS	—	—	1.63	0.33	0.48	pCi/L	GELC	EPA:903.1	—	—	100	0.02	4	0.41	5	0.33	—	—	30	0.05	60	0.03	
Intermediate	LAOI-3.2	SINGLE	153.3	07/08/09	H-3	UF	CS	—	—	1830	190	160	pCi/L	GELC	EPA:906.0	—	—	2000000	—	80000	0.02	20000	0.09	—	—	—	—	1000000	—	
Intermediate	LAOI-3.2a	SINGLE	181.4	07/08/09	H-3	UF	CS	—	—	1680	180	160	pCi/L	GELC	EPA:906.0	—	—	2000000	—	80000	0.02	20000	0.08	—	—	—	—	1000000	—	
Intermediate	LAOI-3.2a	SINGLE	181.4	07/08/09	Ra-228	UF	CS	—	—	1.29	0.31	0.65	pCi/L	GELC	EPA:904	—	—	100	0.01	4	0.32	5	0.26	—	—	30	0.04	60	0.02	
Intermediate	LAOI-7	SINGLE	240	07/13/09	H-3	UF	CS	—	—	776	99	170	pCi/L	GELC	EPA:906.0	—	—	2000000	—	80000	0.01	20000	0.04	—	—	—	—	1000000	—	
Intermediate	LAOI-7	SINGLE	240	07/13/09	Ra-228	UF	CS	—	<	0.94	0.34	0.92	pCi/L	GELC	EPA:904	—	U	R11	100	0.01	4	0.24	5	0.19	—	—	30	0.03	60	0.02
Intermediate	R-9i	MULTI	198.8	07/08/09	Ra-226	UF	CS	—	—	0.623	0.17	0.4	pCi/L	GELC	EPA:903.1	—	—	100	0.01	4	0.16	5	0.12	—	—	30	0.02	60	0.01	
Intermediate	R-9i	MULTI	278.8	07/08/09	Ra-228	UF	CS	—	—	1.09	0.26	0.58	pCi/L	GELC	EPA:904	—	—	100	0.01	4	0.27	5	0.22	—	—	30	0.04	60	0.02	
Intermediate	R-9i	MULTI	278.8	07/08/09	Sr-90	UF	CS	—	—	1.21	0.17	0.35	pCi/L	GELC	EPA:905.0	—	—	1000	—	40	0.03	8	0.15	—	—	—	—	500	—	
Regional	R-7	MULTI	915.1	07/20/09	Ra-228	UF	CS	—	—	1.49	0.42	1.1	pCi/L	GELC	EPA:904	—	—	100	0.01	4	0.37	5	0.3	—	—	30	0.05	60	0.02	
Regional	R-8	MULTI	825	07/09/09	Ra-228	UF	CS	—	—	1.15	0.28	0.6	pCi/L	GELC	EPA:904	—	—	100	0.01	4	0.29	5	0.23	—	—	30	0.04	60	0.02	
Regional	R-8	MULTI	825	07/09/09	Sr-90	UF	CS	—	—	1.36	0.18	0.35	pCi/L	GELC	EPA:905.0	—	—	1000	—	40	0.03	8	0.17	—	—	—	—	500	—	
Regional	R-6	SINGLE	1205	07/14/09	Ra-228	UF	CS	—	—	1.27	0.32	0.77	pCi/L	GELC	EPA:904	—	—	100	0.01	4	0.32	5	0.25	—	—	30	0.04	60	0.02	
Regional	R-9	SINGLE	684	07/13/09	Ra-226	UF	CS	—	—	0.446	0.1	0.15	pCi/L	GELC	EPA:903.1	—	—	100	—	4	0.11	5	0.09	—	—	30	0.01	60	0.01	
Regional	R-9	SINGLE	684	07/13/09	Ra-228	UF	CS	—	—	2.24	0.48	0.87	pCi/L	GELC	EPA:904	—	—	100	0.02	4	0.56	5	0.45	—	—	30	0.07	60	0.04	
Alluvial	LLAO-4	SINGLE	5.24	07/08/09	Ra-226	UF	CS	—	—	0.514	0.13	0.22	pCi/L	GELC	EPA:903.1	—	—	100	0.01	4	0.13	5	0.1	—	—	30	0.02	60	0.01	
Alluvial	LLAO-4	SINGLE	5.24	07/08/09	Ra-228	UF	CS	—	—	0.956	0.25	0.54	pCi/L	GELC	EPA:904	—	—	100	0.01	4	0.24	5	0.19	—	—	30	0.03	60	0.02	
Intermediate Spring	Basalt Spring	SPRING	—	07/09/09	Sr-90	UF	CS	—	—	0.572	0.15	0.45	pCi/L	GELC	EPA:905.0	—	—	1000	—	40	0.01	8	0.07	—	—	—	—	500	—	
Regional	R-24	SINGLE	825	07/16/09	Ra-228	UF	CS	—	—	1.03	0.31	0.78	pCi/L	GELC	EPA:904	—	—	100	0.01	4	0.26	5	0.21	—	—	30	0.03	60	0.02	

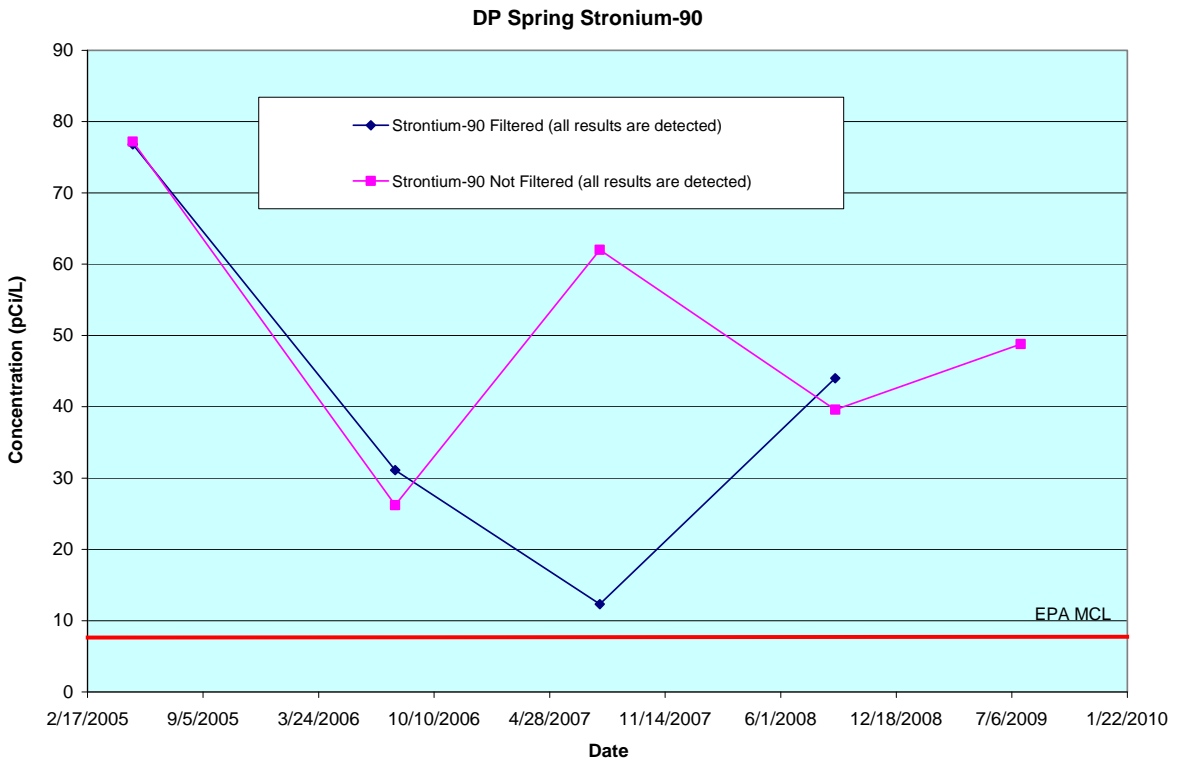
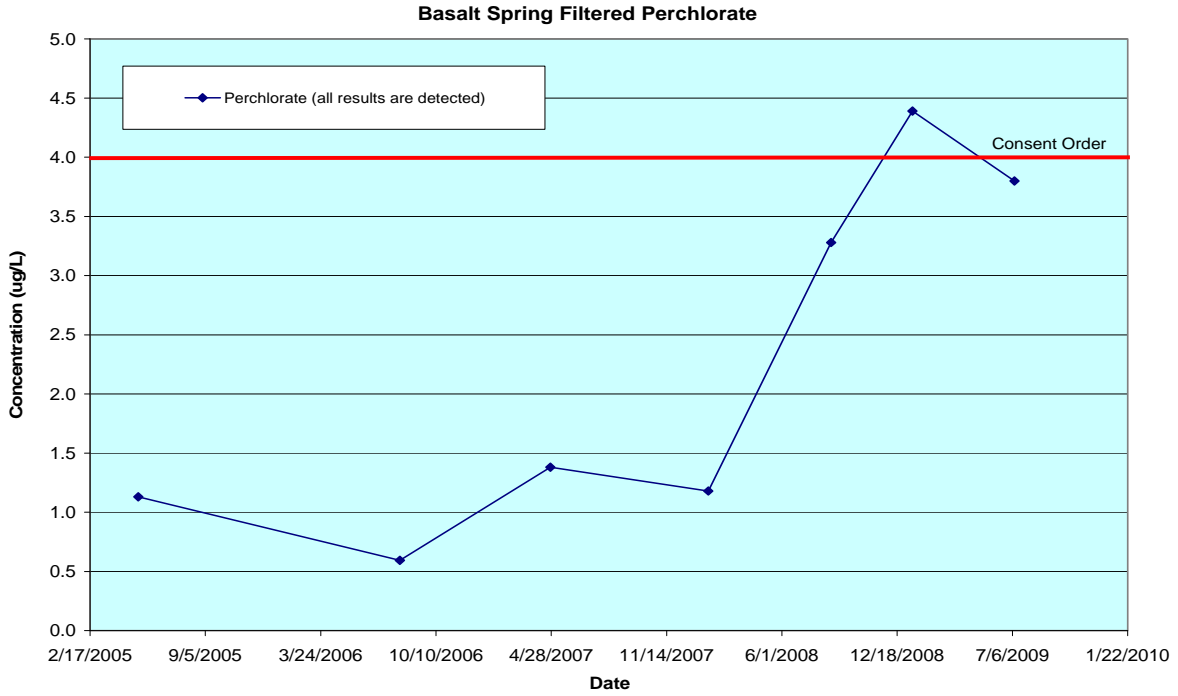
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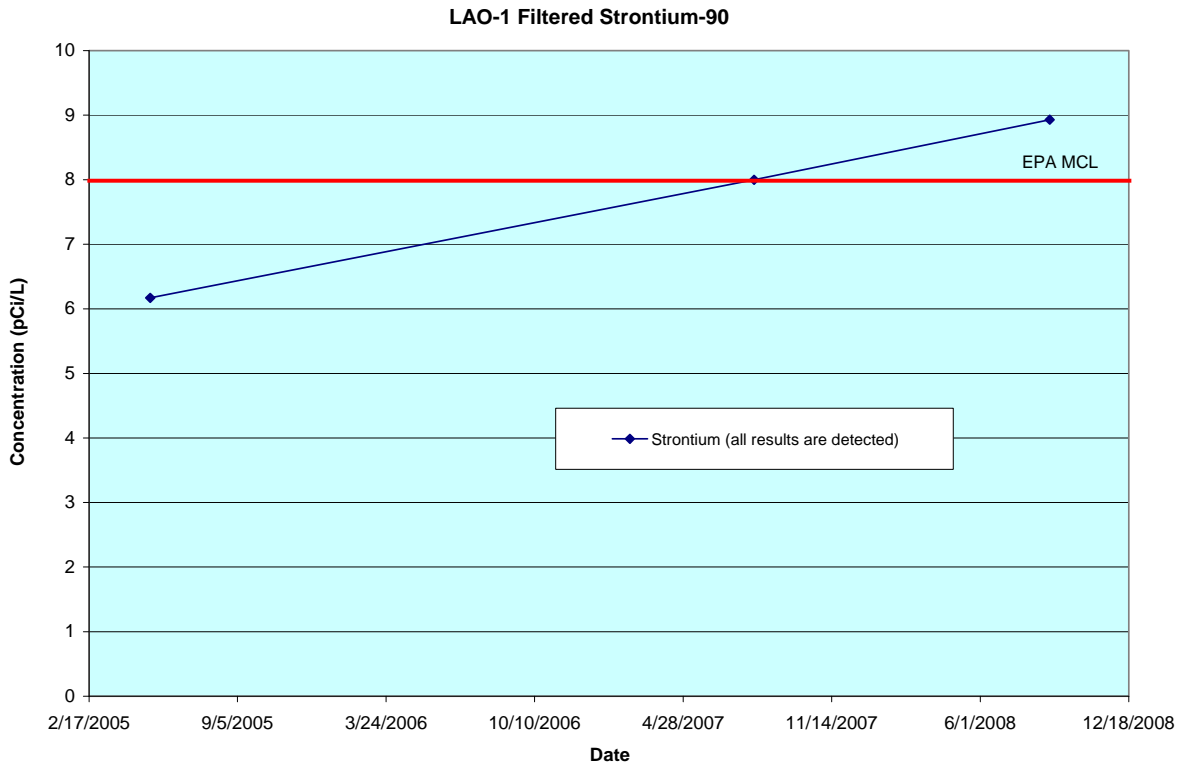
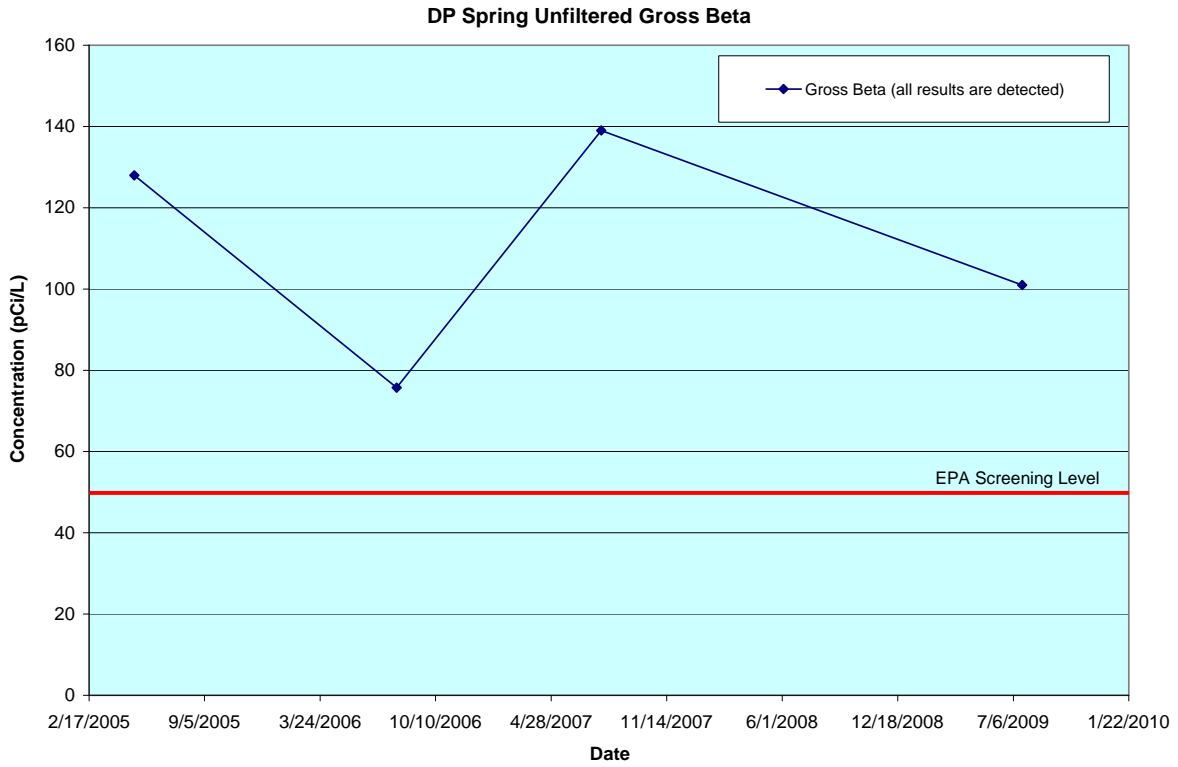
Appendix E

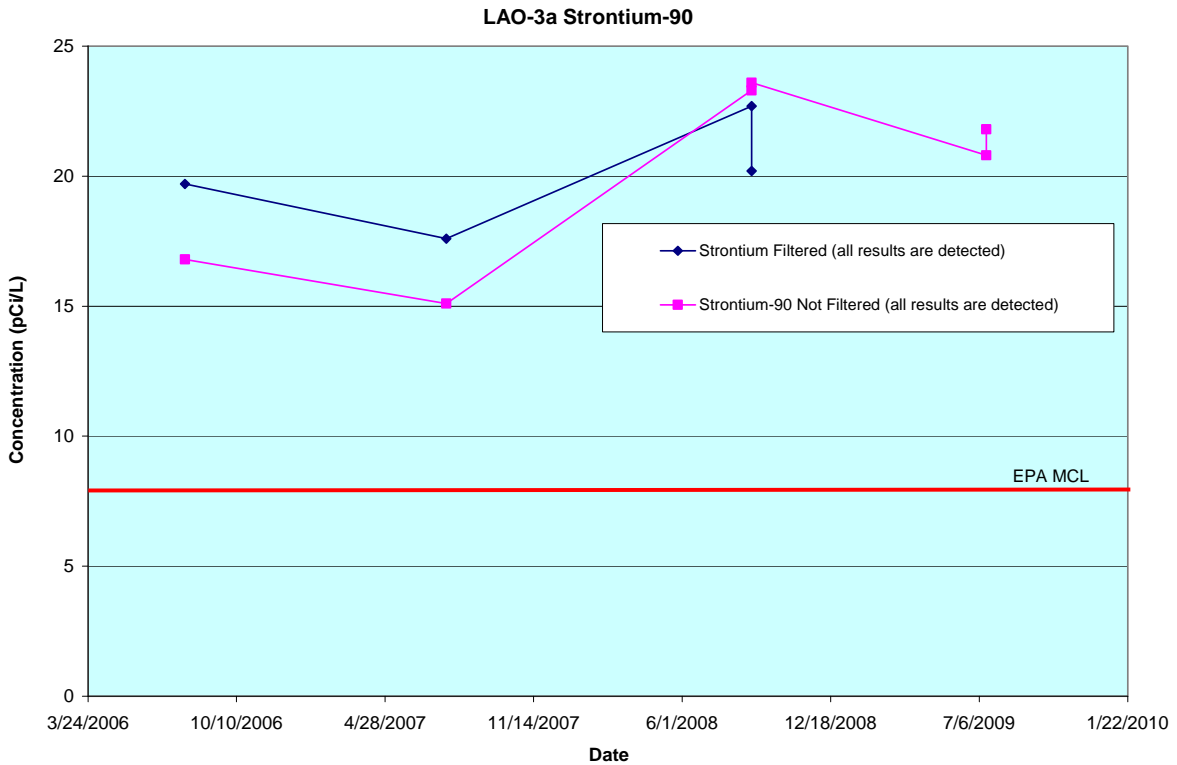
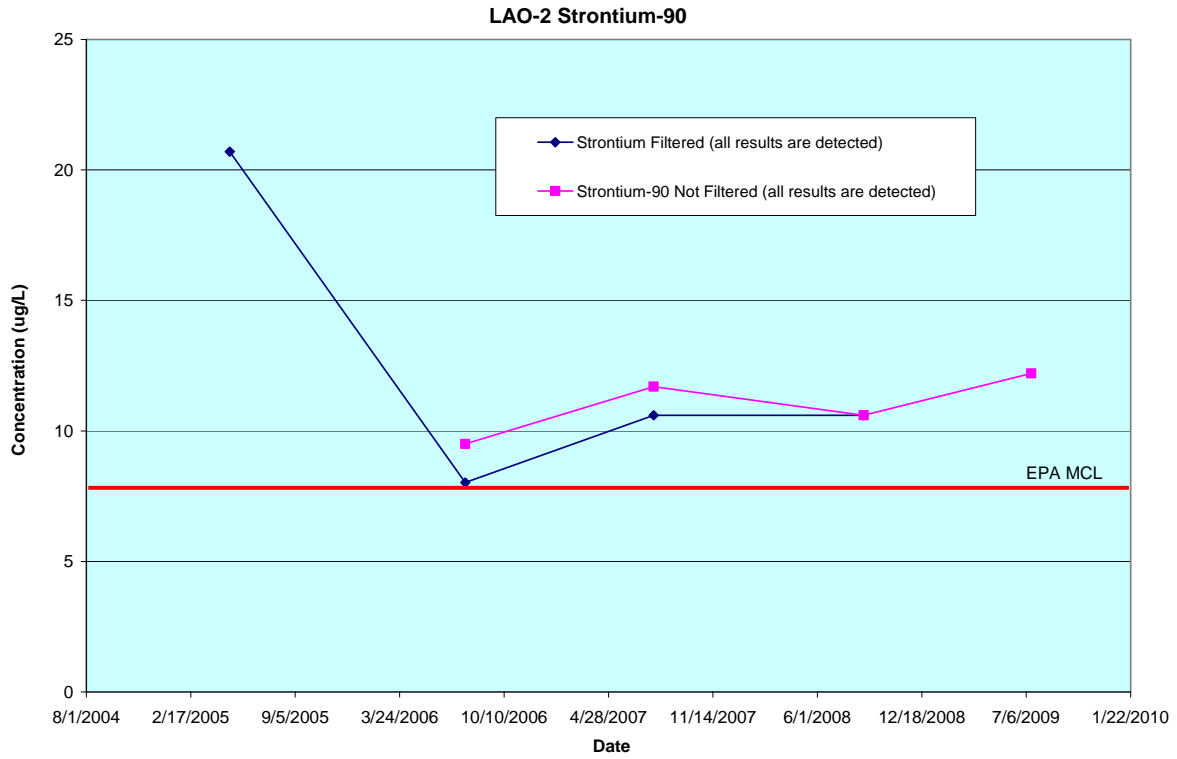
Analytical Chemistry Graphs of Screening-Level Exceedances

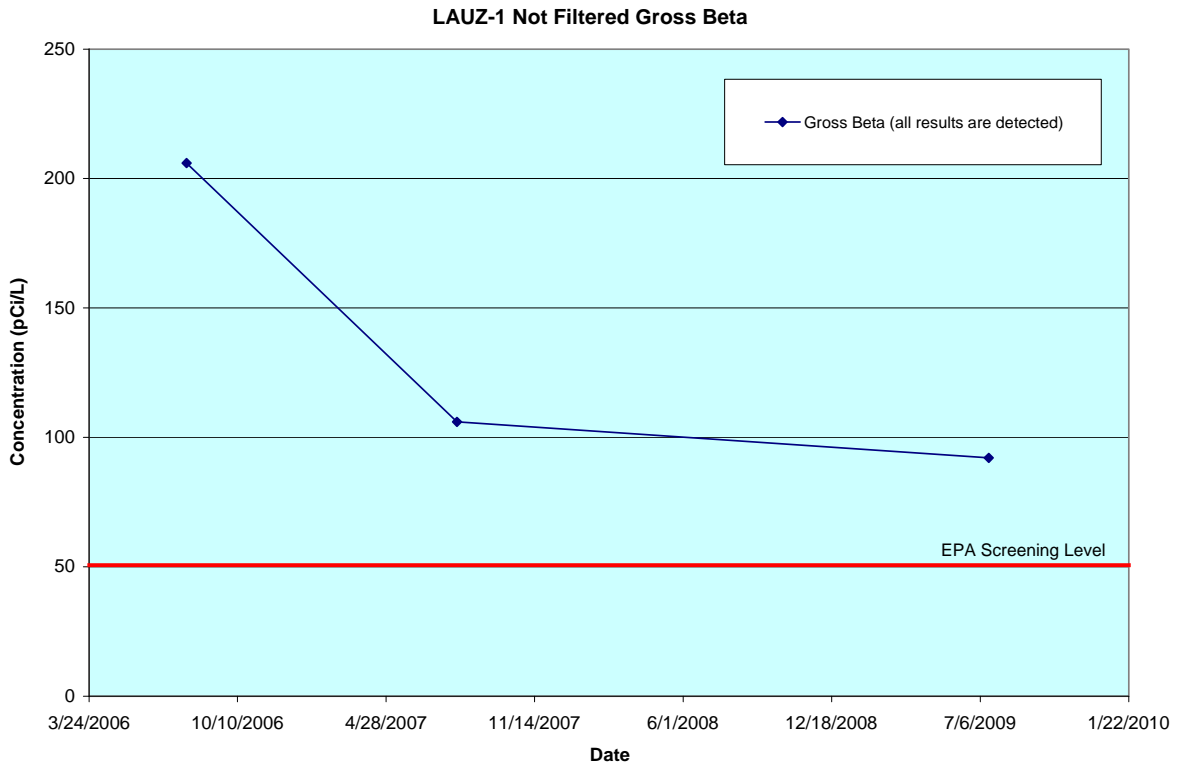
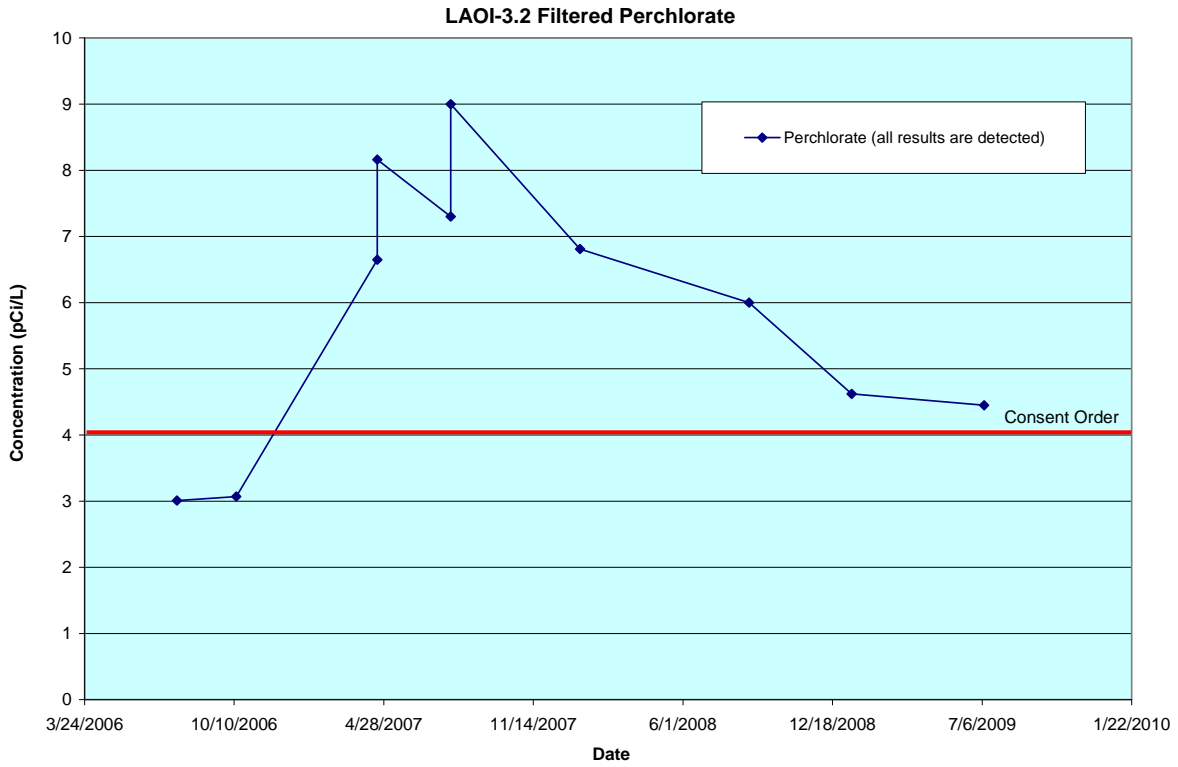


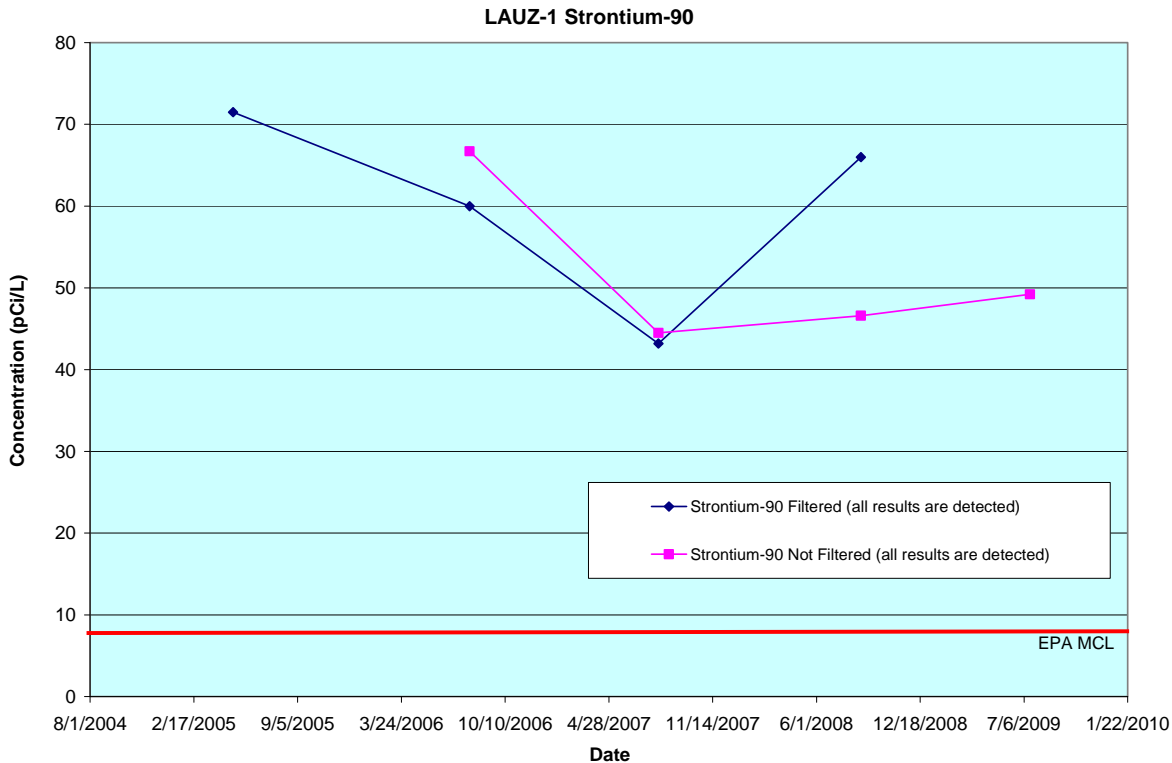
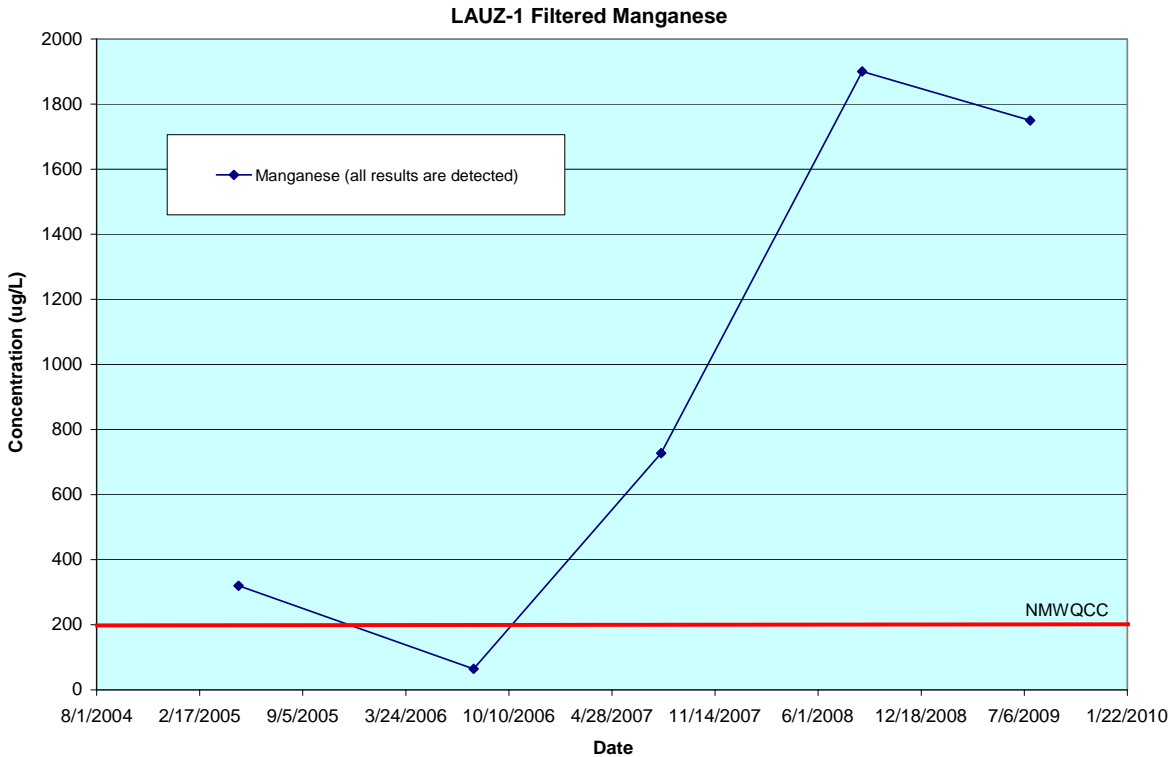


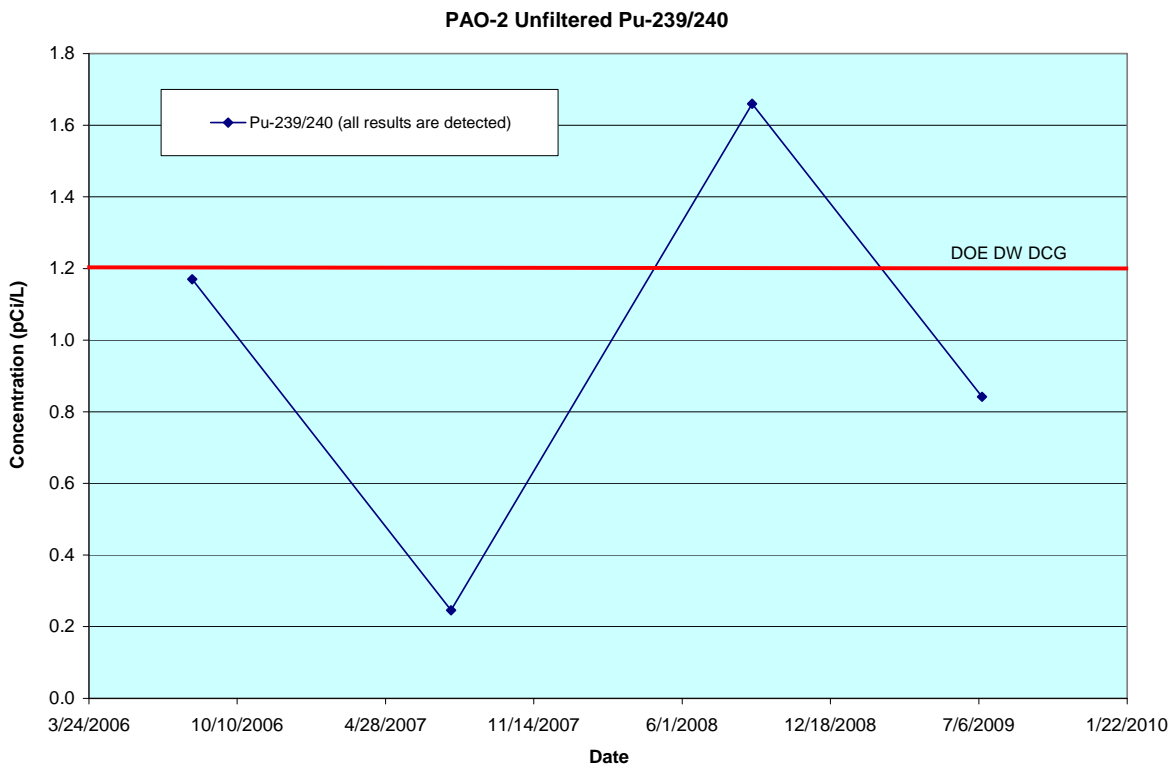
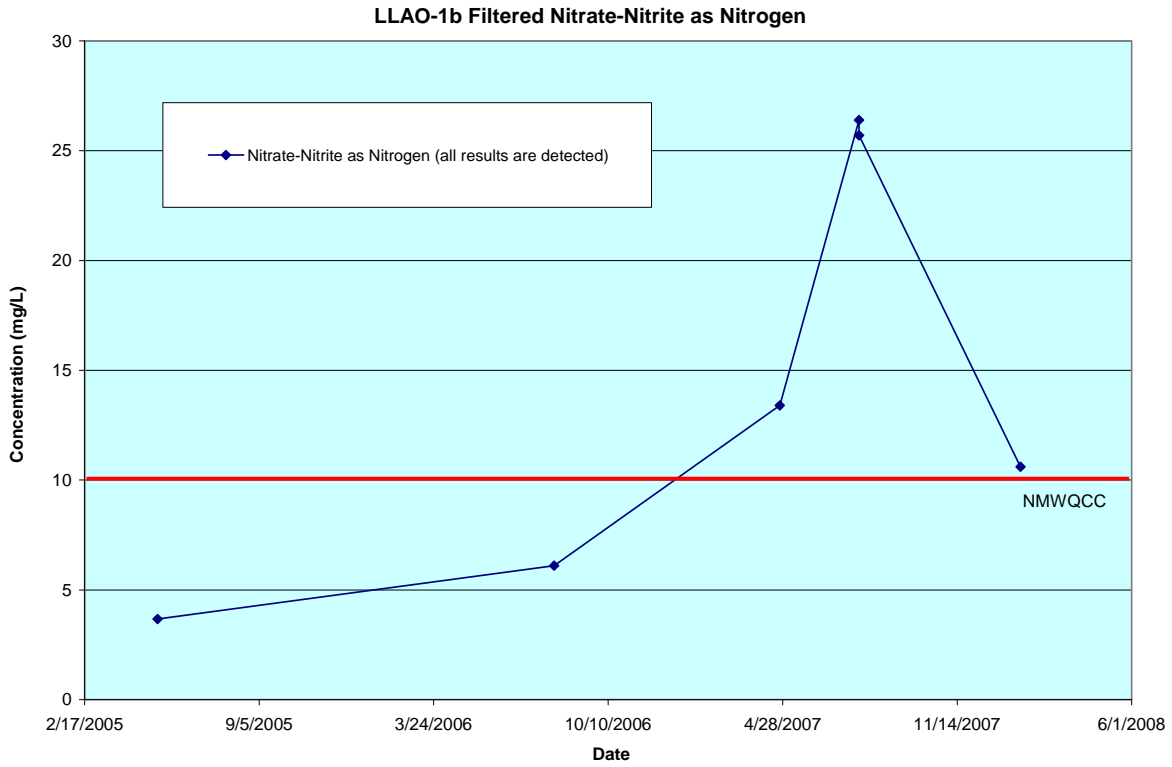


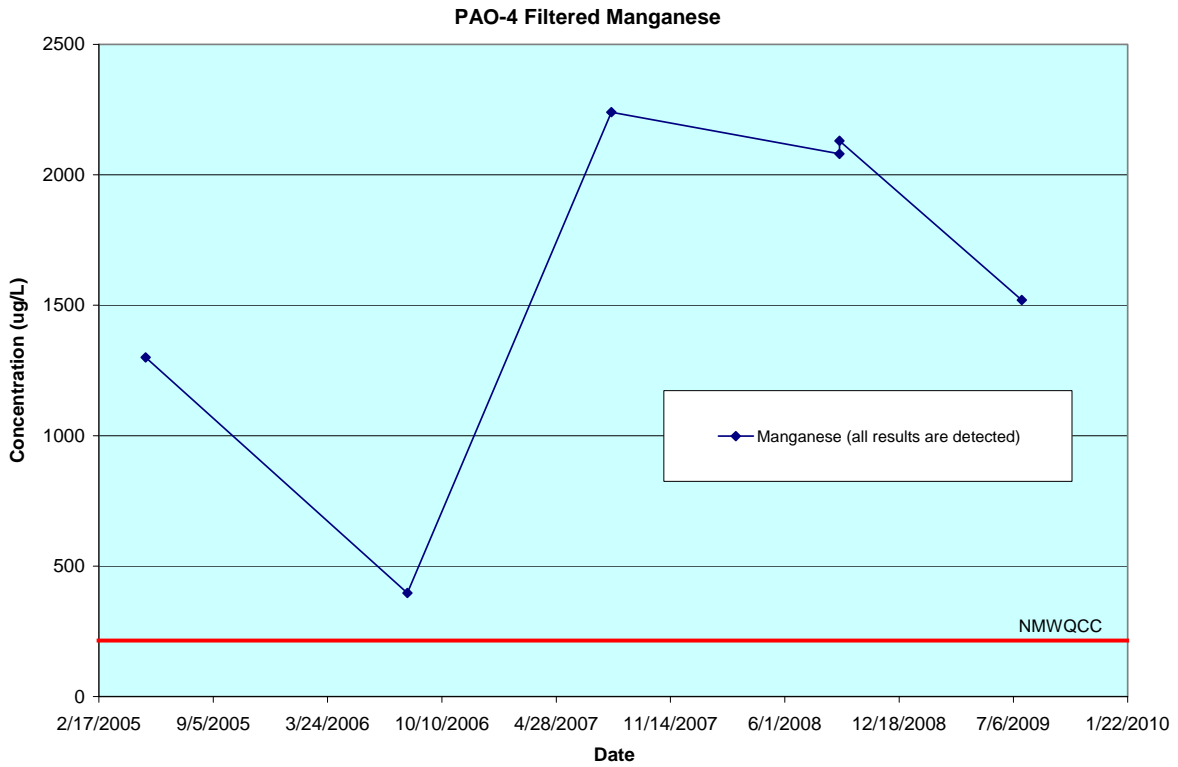
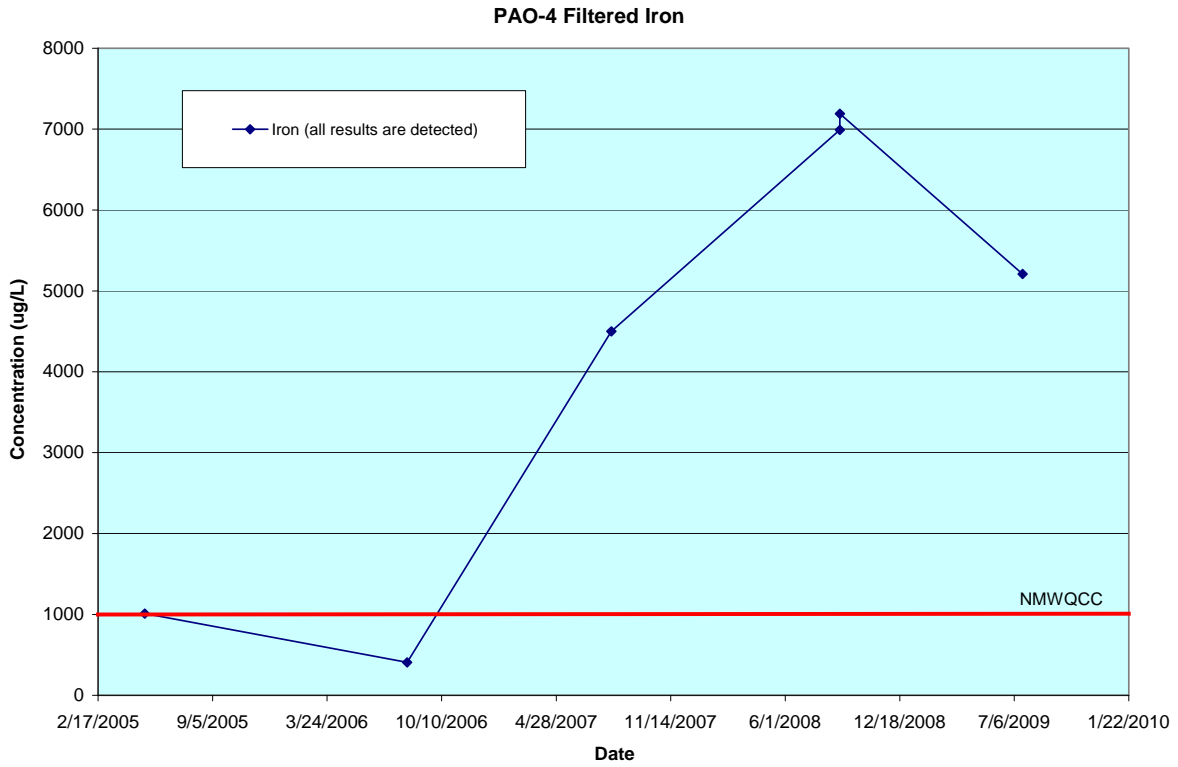


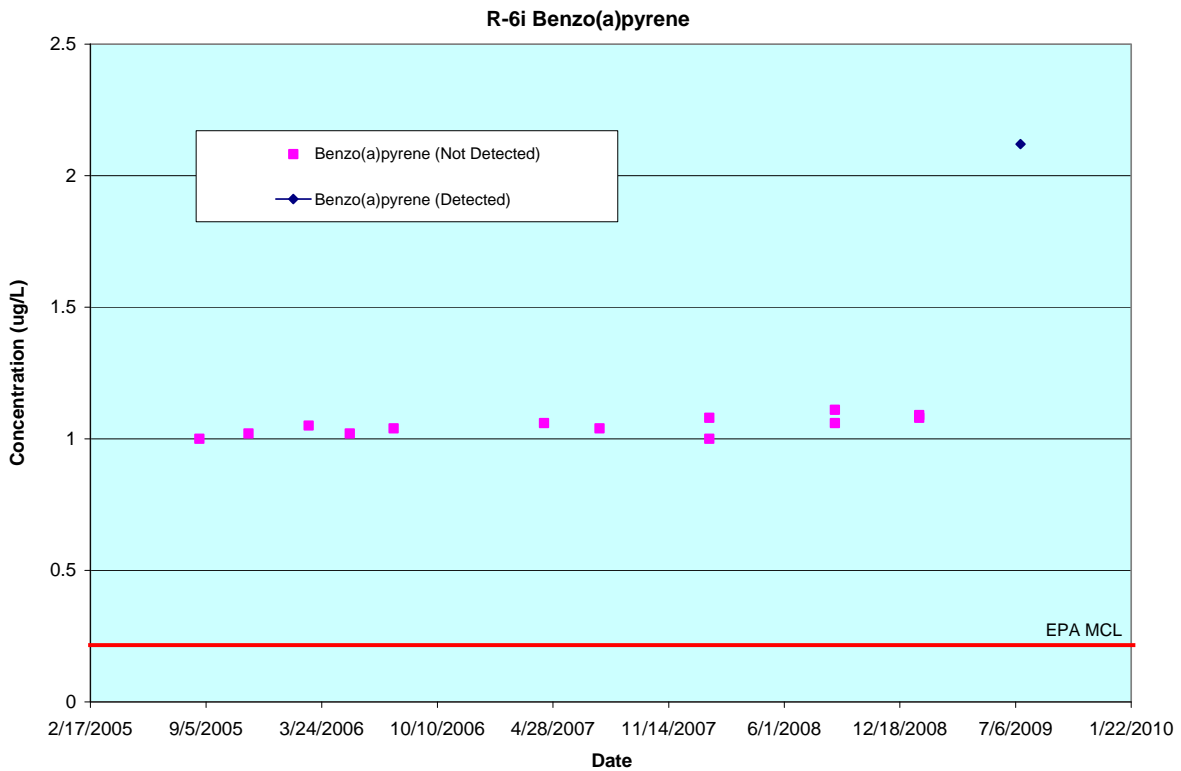
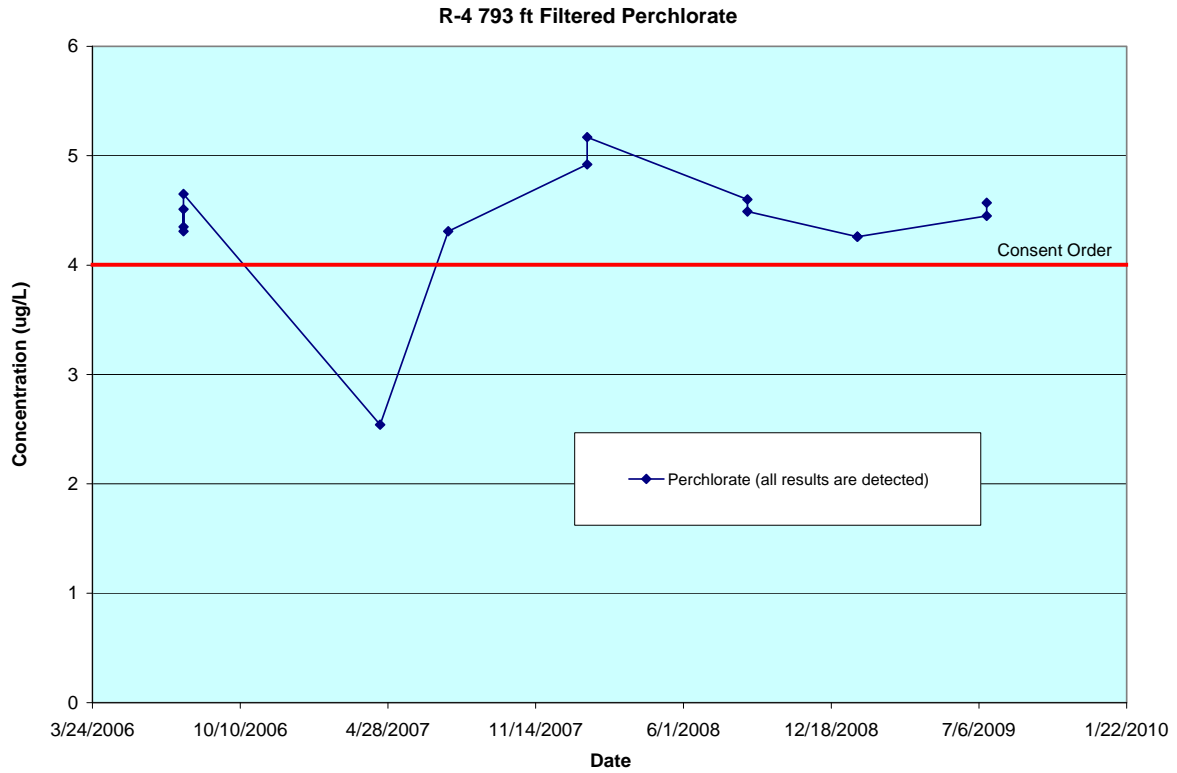


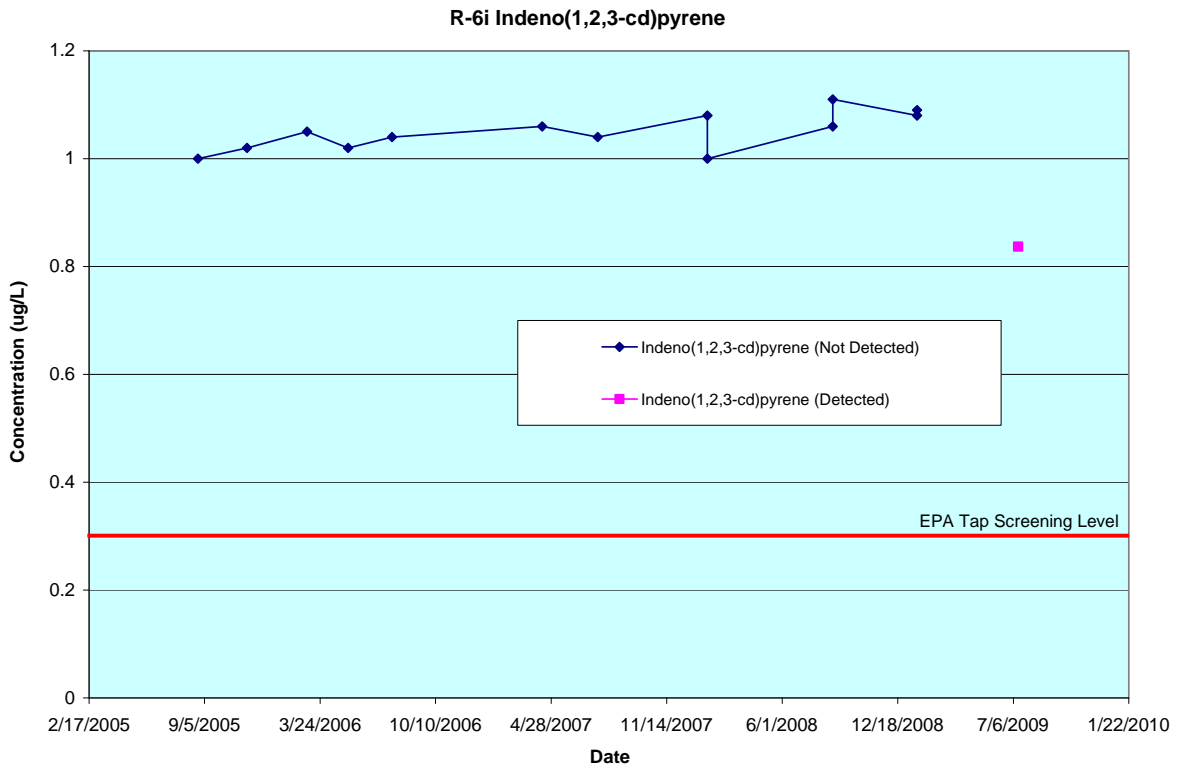
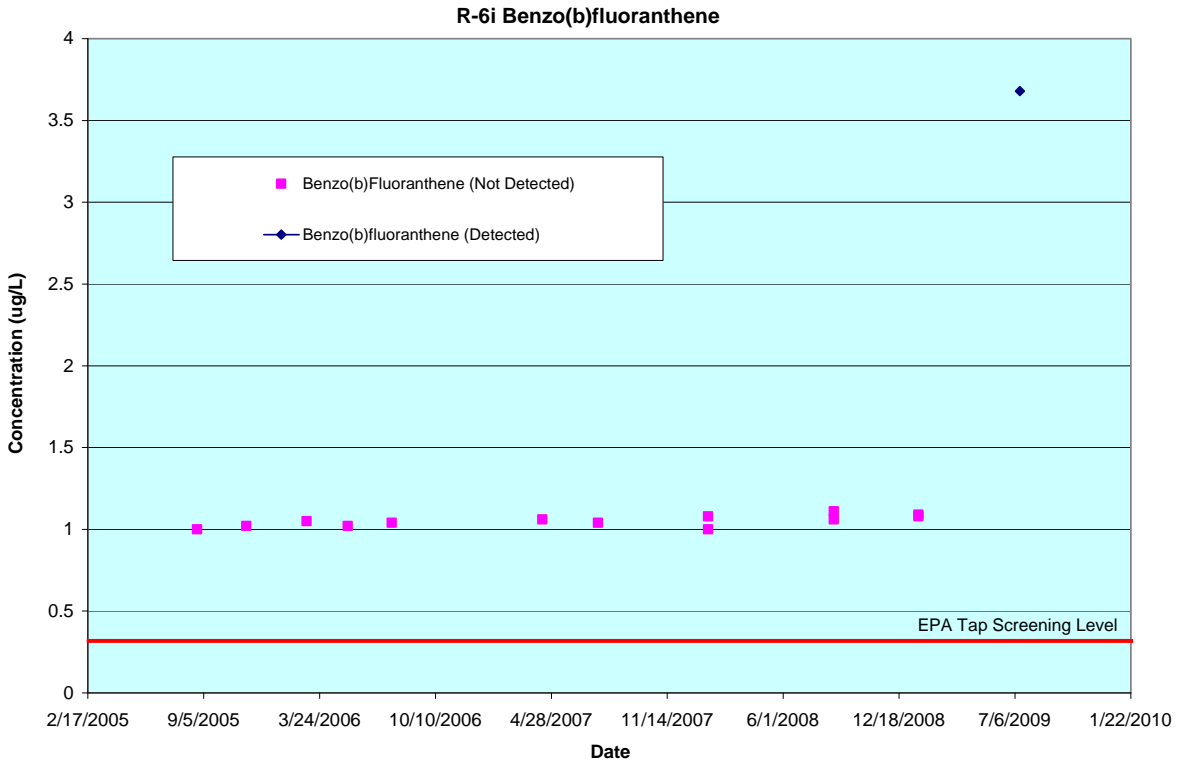


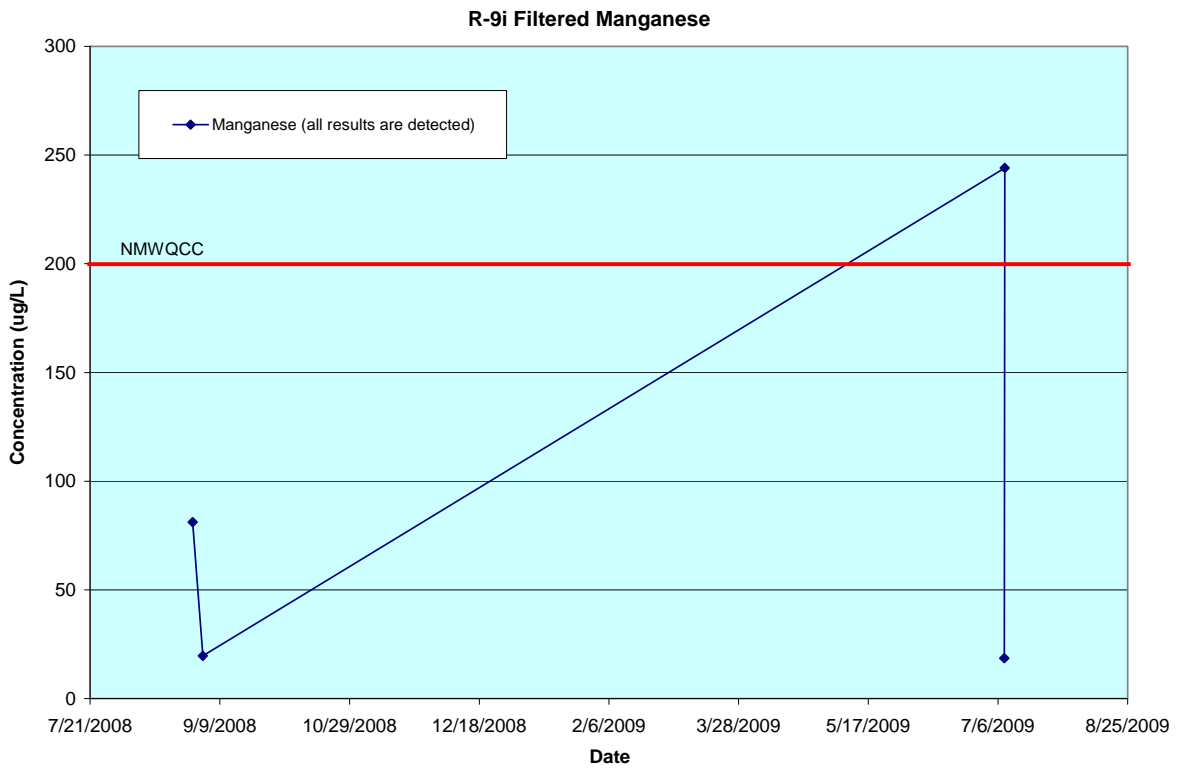
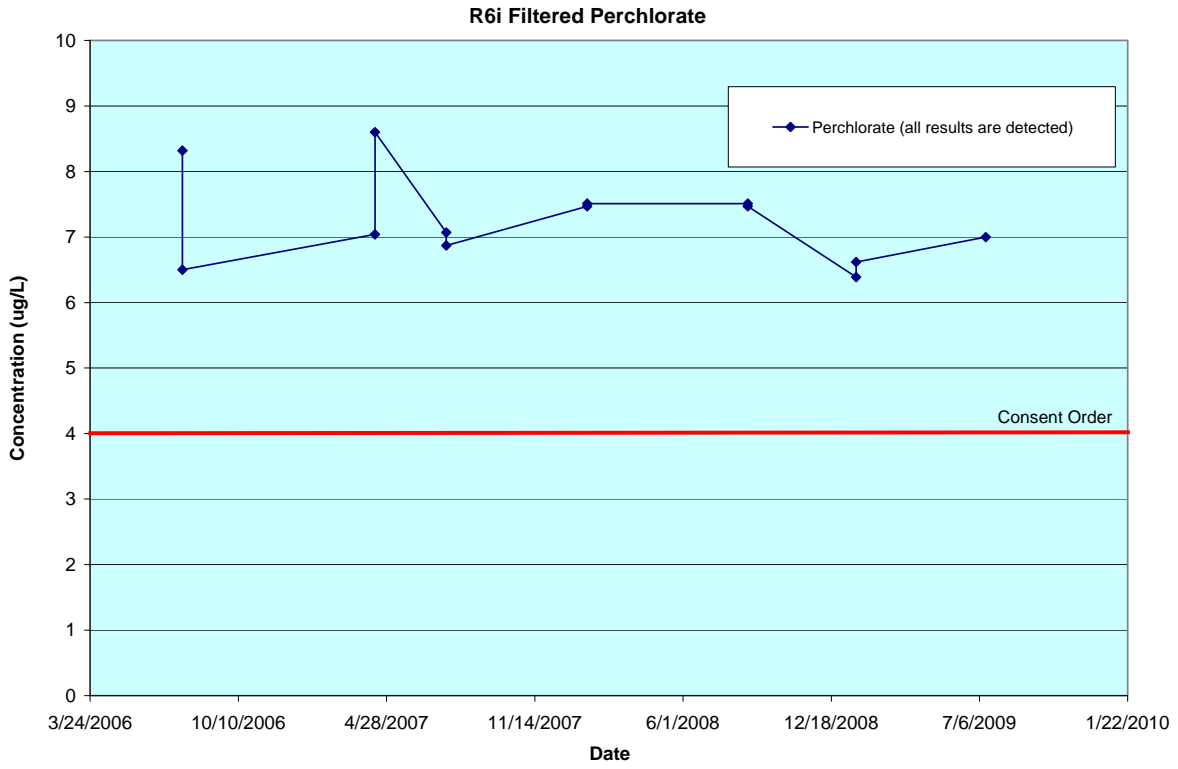


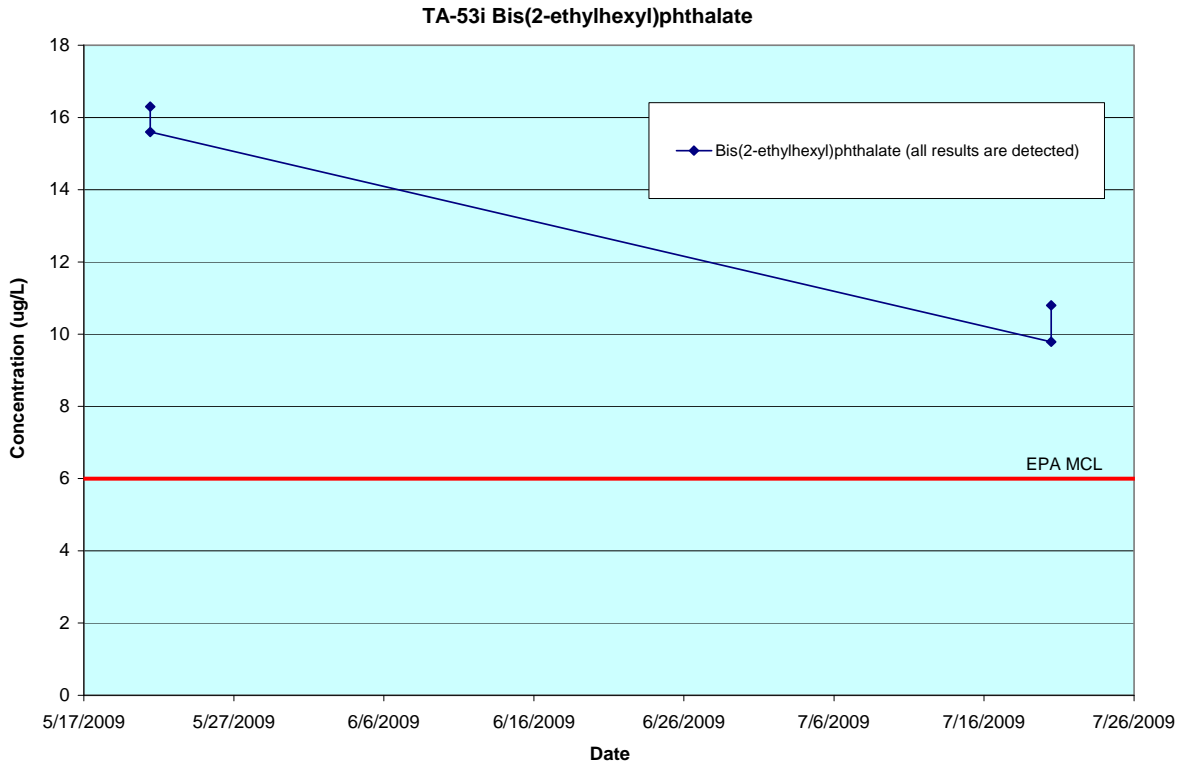












Appendix F

Analytical Reports
(on DVD included with this document)

DVD Table of Contents

Request	Suite	Lab	Sample	Date	Location
09-1982	DIOX/FUR	ALTC	CASA-09-9285	5/21/2009	TA-53i
09-1983	HEXP	STSL	CASA-09-9285	5/21/2009	TA-53i
09-1985	GENINORG	GELC	CASA-09-9285	5/21/2009	TA-53i
09-1985	HERB	GELC	CASA-09-9285	5/21/2009	TA-53i
09-1985	HEXP	GELC	CASA-09-9285	5/21/2009	TA-53i
09-1985	PEST/PCB	GELC	CASA-09-9285	5/21/2009	TA-53i
09-1985	SVOA	GELC	CASA-09-9285	5/21/2009	TA-53i
09-1985	SVOA	GELC	CASA-09-9288	5/21/2009	TA-53i
09-1985	VOA	GELC	CASA-09-9285	5/21/2009	TA-53i
09-1985	VOA	GELC	CASA-09-9287	5/21/2009	TA-53i
09-1985	VOA	GELC	CASA-09-9288	5/21/2009	TA-53i
09-1986	GENINORG	GELC	CASA-09-9285	5/21/2009	TA-53i
09-1986	GENINORG	GELC	CASA-09-9286	5/21/2009	TA-53i
09-1986	METALS	GELC	CASA-09-9285	5/21/2009	TA-53i
09-1986	METALS	GELC	CASA-09-9286	5/21/2009	TA-53i
09-1987	RAD	GELC	CASA-09-9285	5/21/2009	TA-53i
09-1987	RAD	GELC	CASA-09-9286	5/21/2009	TA-53i
09-2018	RAD	UMTL	CASA-09-9285	5/21/2009	TA-53i
09-2564	GENINORG	GELC	CAPU-09-11220	7/7/2009	PAO-1
09-2564	SVOA	GELC	CAPU-09-11220	7/7/2009	PAO-1
09-2564	VOA	GELC	CAPU-09-11219	7/7/2009	PAO-1
09-2564	VOA	GELC	CAPU-09-11220	7/7/2009	PAO-1
09-2564	VOA	GELC	CAPU-09-11369	7/7/2009	PAO-1
09-2565	GENINORG	GELC	CAPU-09-11220	7/7/2009	PAO-1
09-2565	GENINORG	GELC	CAPU-09-11221	7/7/2009	PAO-1
09-2565	METALS	GELC	CAPU-09-11220	7/7/2009	PAO-1
09-2565	METALS	GELC	CAPU-09-11221	7/7/2009	PAO-1
09-2565	RAD	GELC	CAPU-09-11220	7/7/2009	PAO-1
09-2568	GENINORG	GELC	CALA-09-11125	7/7/2009	LAOI(a)-1.1
09-2568	GENINORG	GELC	CALA-09-11127	7/7/2009	LAOI(a)-1.1
09-2568	METALS	GELC	CALA-09-11125	7/7/2009	LAOI(a)-1.1
09-2568	METALS	GELC	CALA-09-11127	7/7/2009	LAOI(a)-1.1
09-2568	RAD	GELC	CALA-09-11125	7/7/2009	LAOI(a)-1.1
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09-2568	VOA	GELC	CALA-09-11126	7/7/2009	LAOI(a)-1.1
09-2571	GENINORG	GELC	CALA-09-11201	7/8/2009	LLAO-4
09-2571	GENINORG	GELC	CALA-09-11202	7/8/2009	LLAO-4
09-2571	METALS	GELC	CALA-09-11201	7/8/2009	LLAO-4
09-2571	METALS	GELC	CALA-09-11202	7/8/2009	LLAO-4

Request	Suite	Lab	Sample	Date	Location
09-2571	RAD	GELC	CALA-09-11202	7/8/2009	LLAO-4
09-2571	SVOA	GELC	CALA-09-11202	7/8/2009	LLAO-4
09-2571	VOA	GELC	CALA-09-11202	7/8/2009	LLAO-4
09-2571	VOA	GELC	CALA-09-11203	7/8/2009	LLAO-4
09-2576	GENINORG	GELC	CALA-09-11139	7/8/2009	R-9i
09-2576	GENINORG	GELC	CALA-09-11146	7/8/2009	R-9i
09-2576	VOA	GELC	CALA-09-11139	7/8/2009	R-9i
09-2576	VOA	GELC	CALA-09-11140	7/8/2009	R-9i
09-2576	VOA	GELC	CALA-09-11141	7/8/2009	R-9i
09-2576	VOA	GELC	CALA-09-11143	7/8/2009	R-9i
09-2576	VOA	GELC	CALA-09-11144	7/8/2009	R-9i
09-2576	VOA	GELC	CALA-09-11146	7/8/2009	R-9i
09-2577	GENINORG	GELC	CALA-09-11139	7/8/2009	R-9i
09-2577	GENINORG	GELC	CALA-09-11142	7/8/2009	R-9i
09-2577	GENINORG	GELC	CALA-09-11145	7/8/2009	R-9i
09-2577	GENINORG	GELC	CALA-09-11146	7/8/2009	R-9i
09-2577	METALS	GELC	CALA-09-11139	7/8/2009	R-9i
09-2577	METALS	GELC	CALA-09-11142	7/8/2009	R-9i
09-2577	METALS	GELC	CALA-09-11145	7/8/2009	R-9i
09-2577	METALS	GELC	CALA-09-11146	7/8/2009	R-9i
09-2578	RAD	GELC	CALA-09-11139	7/8/2009	R-9i
09-2578	RAD	GELC	CALA-09-11146	7/8/2009	R-9i
09-2581	GENINORG	GELC	CALA-09-11149	7/8/2009	LAOI-3.2
09-2581	GENINORG	GELC	CALA-09-11150	7/8/2009	LAOI-3.2a
09-2581	VOA	GELC	CALA-09-11148	7/8/2009	LAOI-3.2
09-2581	VOA	GELC	CALA-09-11149	7/8/2009	LAOI-3.2
09-2581	VOA	GELC	CALA-09-11150	7/8/2009	LAOI-3.2a
09-2581	VOA	GELC	CALA-09-11151	7/8/2009	LAOI-3.2a
09-2582	GENINORG	GELC	CALA-09-11147	7/8/2009	LAOI-3.2
09-2582	GENINORG	GELC	CALA-09-11149	7/8/2009	LAOI-3.2
09-2582	GENINORG	GELC	CALA-09-11150	7/8/2009	LAOI-3.2a
09-2582	GENINORG	GELC	CALA-09-11152	7/8/2009	LAOI-3.2a
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09-2582	METALS	GELC	CALA-09-11150	7/8/2009	LAOI-3.2a
09-2582	METALS	GELC	CALA-09-11152	7/8/2009	LAOI-3.2a
09-2583	RAD	GELC	CALA-09-11149	7/8/2009	LAOI-3.2
09-2583	RAD	GELC	CALA-09-11150	7/8/2009	LAOI-3.2a
09-2591	PEST/PCB	GELC	CAPU-09-11207	7/9/2009	Pueblo above Acid
09-2591	PEST/PCB	GELC	CAPU-09-11210	7/9/2009	Acid above Pueblo
09-2591	RAD	GELC	CAPU-09-11207	7/9/2009	Pueblo above Acid

Request	Suite	Lab	Sample	Date	Location
09-2591	RAD	GELC	CAPU-09-11210	7/9/2009	Acid above Pueblo
09-2591	SVOA	GELC	CAPU-09-11207	7/9/2009	Pueblo above Acid
09-2591	SVOA	GELC	CAPU-09-11210	7/9/2009	Acid above Pueblo
09-2591	VOA	GELC	CAPU-09-11207	7/9/2009	Pueblo above Acid
09-2591	VOA	GELC	CAPU-09-11208	7/9/2009	Pueblo above Acid
09-2591	VOA	GELC	CAPU-09-11210	7/9/2009	Acid above Pueblo
09-2591	VOA	GELC	CAPU-09-11212	7/9/2009	Acid above Pueblo
09-2592	GENINORG	GELC	CAPU-09-11207	7/9/2009	Pueblo above Acid
09-2592	GENINORG	GELC	CAPU-09-11209	7/9/2009	Pueblo above Acid
09-2592	GENINORG	GELC	CAPU-09-11210	7/9/2009	Acid above Pueblo
09-2592	GENINORG	GELC	CAPU-09-11211	7/9/2009	Acid above Pueblo
09-2592	METALS	GELC	CAPU-09-11207	7/9/2009	Pueblo above Acid
09-2592	METALS	GELC	CAPU-09-11209	7/9/2009	Pueblo above Acid
09-2592	METALS	GELC	CAPU-09-11210	7/9/2009	Acid above Pueblo
09-2592	METALS	GELC	CAPU-09-11211	7/9/2009	Acid above Pueblo
09-2593	SVOA	GELC	CALA-09-11188	7/9/2009	Basalt Spring
09-2593	SVOA	GELC	CALA-09-11189	7/9/2009	Los Alamos Spring
09-2593	SVOA	GELC	CALA-09-11192	7/9/2009	Los Alamos Spring
09-2593	VOA	GELC	CALA-09-11175	7/9/2009	R-8
09-2593	VOA	GELC	CALA-09-11176	7/9/2009	R-8
09-2593	VOA	GELC	CALA-09-11177	7/9/2009	R-8
09-2593	VOA	GELC	CALA-09-11186	7/9/2009	Basalt Spring
09-2593	VOA	GELC	CALA-09-11188	7/9/2009	Basalt Spring
09-2593	VOA	GELC	CALA-09-11189	7/9/2009	Los Alamos Spring
09-2593	VOA	GELC	CALA-09-11190	7/9/2009	Los Alamos Spring
09-2593	VOA	GELC	CALA-09-11192	7/9/2009	Los Alamos Spring
09-2593	VOA	GELC	CALA-09-11194	7/9/2009	Los Alamos Spring
09-2594	RAD	GELC	CALA-09-11176	7/9/2009	R-8
09-2594	RAD	GELC	CALA-09-11188	7/9/2009	Basalt Spring
09-2594	RAD	GELC	CALA-09-11189	7/9/2009	Los Alamos Spring
09-2594	RAD	GELC	CALA-09-11192	7/9/2009	Los Alamos Spring
09-2595	GENINORG	GELC	CALA-09-11176	7/9/2009	R-8
09-2595	GENINORG	GELC	CALA-09-11178	7/9/2009	R-8
09-2595	GENINORG	GELC	CALA-09-11187	7/9/2009	Basalt Spring
09-2595	GENINORG	GELC	CALA-09-11188	7/9/2009	Basalt Spring
09-2595	GENINORG	GELC	CALA-09-11189	7/9/2009	Los Alamos Spring
09-2595	GENINORG	GELC	CALA-09-11191	7/9/2009	Los Alamos Spring
09-2595	GENINORG	GELC	CALA-09-11192	7/9/2009	Los Alamos Spring
09-2595	GENINORG	GELC	CALA-09-11193	7/9/2009	Los Alamos Spring
09-2595	METALS	GELC	CALA-09-11176	7/9/2009	R-8
09-2595	METALS	GELC	CALA-09-11178	7/9/2009	R-8

Request	Suite	Lab	Sample	Date	Location
09-2595	METALS	GELC	CALA-09-11187	7/9/2009	Basalt Spring
09-2595	METALS	GELC	CALA-09-11188	7/9/2009	Basalt Spring
09-2595	METALS	GELC	CALA-09-11189	7/9/2009	Los Alamos Spring
09-2595	METALS	GELC	CALA-09-11191	7/9/2009	Los Alamos Spring
09-2595	METALS	GELC	CALA-09-11192	7/9/2009	Los Alamos Spring
09-2595	METALS	GELC	CALA-09-11193	7/9/2009	Los Alamos Spring
09-2596	GENINORG	GELC	CAPU-09-11222	7/10/2009	PAO-2
09-2596	PEST/PCB	GELC	CAPU-09-11222	7/10/2009	PAO-2
09-2596	PEST/PCB	GELC	CAPU-09-11370	7/10/2009	PAO-2
09-2596	SVOA	GELC	CAPU-09-11222	7/10/2009	PAO-2
09-2596	VOA	GELC	CAPU-09-11222	7/10/2009	PAO-2
09-2596	VOA	GELC	CAPU-09-11223	7/10/2009	PAO-2
09-2596	VOA	GELC	CAPU-09-11370	7/10/2009	PAO-2
09-2597	GENINORG	GELC	CAPU-09-11222	7/10/2009	PAO-2
09-2597	GENINORG	GELC	CAPU-09-11224	7/10/2009	PAO-2
09-2597	METALS	GELC	CAPU-09-11222	7/10/2009	PAO-2
09-2597	METALS	GELC	CAPU-09-11224	7/10/2009	PAO-2
09-2597	RAD	GELC	CAPU-09-11222	7/10/2009	PAO-2
09-2599	GENINORG	GELC	CAPU-09-11257	7/10/2009	R-2
09-2599	GENINORG	GELC	CAPU-09-11258	7/10/2009	R-2
09-2599	METALS	GELC	CAPU-09-11257	7/10/2009	R-2
09-2599	METALS	GELC	CAPU-09-11258	7/10/2009	R-2
09-2599	RAD	GELC	CAPU-09-11257	7/10/2009	R-2
09-2599	VOA	GELC	CAPU-09-11257	7/10/2009	R-2
09-2599	VOA	GELC	CAPU-09-11259	7/10/2009	R-2
09-2605	PEST/PCB	ALTC	CAPU-09-11207	7/9/2009	Pueblo above Acid
09-2605	PEST/PCB	ALTC	CAPU-09-11210	7/9/2009	Acid above Pueblo
09-2614	GENINORG	GELC	CALA-09-11155	7/13/2009	LAOI-7
09-2614	GENINORG	GELC	CALA-09-11165	7/13/2009	R-9
09-2614	GENINORG	GELC	CALA-09-11168	7/13/2009	R-9
09-2614	VOA	GELC	CALA-09-11154	7/13/2009	LAOI-7
09-2614	VOA	GELC	CALA-09-11155	7/13/2009	LAOI-7
09-2614	VOA	GELC	CALA-09-11165	7/13/2009	R-9
09-2614	VOA	GELC	CALA-09-11167	7/13/2009	R-9
09-2614	VOA	GELC	CALA-09-11168	7/13/2009	R-9
09-2614	VOA	GELC	CALA-09-11170	7/13/2009	R-9
09-2615	GENINORG	GELC	CALA-09-11153	7/13/2009	LAOI-7
09-2615	GENINORG	GELC	CALA-09-11155	7/13/2009	LAOI-7
09-2615	GENINORG	GELC	CALA-09-11165	7/13/2009	R-9
09-2615	GENINORG	GELC	CALA-09-11166	7/13/2009	R-9
09-2615	GENINORG	GELC	CALA-09-11168	7/13/2009	R-9

Request	Suite	Lab	Sample	Date	Location
09-2615	GENINORG	GELC	CALA-09-11169	7/13/2009	R-9
09-2615	METALS	GELC	CALA-09-11153	7/13/2009	LAOI-7
09-2615	METALS	GELC	CALA-09-11155	7/13/2009	LAOI-7
09-2615	METALS	GELC	CALA-09-11165	7/13/2009	R-9
09-2615	METALS	GELC	CALA-09-11166	7/13/2009	R-9
09-2615	METALS	GELC	CALA-09-11168	7/13/2009	R-9
09-2615	METALS	GELC	CALA-09-11169	7/13/2009	R-9
09-2616	RAD	GELC	CALA-09-11155	7/13/2009	LAOI-7
09-2616	RAD	GELC	CALA-09-11165	7/13/2009	R-9
09-2616	RAD	GELC	CALA-09-11168	7/13/2009	R-9
09-2617	GENINORG	GELC	CALA-09-11087	7/13/2009	LAO-0.3
09-2617	GENINORG	GELC	CALA-09-11107	7/13/2009	LAO-0.6
09-2617	PEST/PCB	GELC	CALA-09-11087	7/13/2009	LAO-0.3
09-2617	PEST/PCB	GELC	CALA-09-11371	7/13/2009	LAO-0.3
09-2617	SVOA	GELC	CALA-09-11087	7/13/2009	LAO-0.3
09-2617	SVOA	GELC	CALA-09-11107	7/13/2009	LAO-0.6
09-2617	VOA	GELC	CALA-09-11087	7/13/2009	LAO-0.3
09-2617	VOA	GELC	CALA-09-11088	7/13/2009	LAO-0.3
09-2617	VOA	GELC	CALA-09-11107	7/13/2009	LAO-0.6
09-2617	VOA	GELC	CALA-09-11108	7/13/2009	LAO-0.6
09-2617	VOA	GELC	CALA-09-11371	7/13/2009	LAO-0.3
09-2618	GENINORG	GELC	CALA-09-11086	7/13/2009	LAO-0.3
09-2618	GENINORG	GELC	CALA-09-11087	7/13/2009	LAO-0.3
09-2618	GENINORG	GELC	CALA-09-11107	7/13/2009	LAO-0.6
09-2618	GENINORG	GELC	CALA-09-11109	7/13/2009	LAO-0.6
09-2618	METALS	GELC	CALA-09-11086	7/13/2009	LAO-0.3
09-2618	METALS	GELC	CALA-09-11087	7/13/2009	LAO-0.3
09-2618	METALS	GELC	CALA-09-11107	7/13/2009	LAO-0.6
09-2618	METALS	GELC	CALA-09-11109	7/13/2009	LAO-0.6
09-2619	RAD	GELC	CALA-09-11087	7/13/2009	LAO-0.3
09-2619	RAD	GELC	CALA-09-11107	7/13/2009	LAO-0.6
09-2624	GENINORG	GELC	CALA-09-11103	7/14/2009	LAO-B
09-2624	GENINORG	GELC	CALA-09-11104	7/14/2009	LAO-B
09-2624	GENINORG	GELC	CALA-09-11124	7/14/2009	LAO-4.5c
09-2624	SVOA	GELC	CALA-09-11103	7/14/2009	LAO-B
09-2624	SVOA	GELC	CALA-09-11104	7/14/2009	LAO-B
09-2624	SVOA	GELC	CALA-09-11124	7/14/2009	LAO-4.5c
09-2624	VOA	GELC	CALA-09-11102	7/14/2009	LAO-B
09-2624	VOA	GELC	CALA-09-11103	7/14/2009	LAO-B
09-2624	VOA	GELC	CALA-09-11104	7/14/2009	LAO-B
09-2624	VOA	GELC	CALA-09-11106	7/14/2009	LAO-B

Request	Suite	Lab	Sample	Date	Location
09-2624	VOA	GELC	CALA-09-11123	7/14/2009	LAO-4.5c
09-2624	VOA	GELC	CALA-09-11124	7/14/2009	LAO-4.5c
09-2625	GENINORG	GELC	CALA-09-11101	7/14/2009	LAO-B
09-2625	GENINORG	GELC	CALA-09-11103	7/14/2009	LAO-B
09-2625	GENINORG	GELC	CALA-09-11104	7/14/2009	LAO-B
09-2625	GENINORG	GELC	CALA-09-11105	7/14/2009	LAO-B
09-2625	GENINORG	GELC	CALA-09-11122	7/14/2009	LAO-4.5c
09-2625	GENINORG	GELC	CALA-09-11124	7/14/2009	LAO-4.5c
09-2625	METALS	GELC	CALA-09-11101	7/14/2009	LAO-B
09-2625	METALS	GELC	CALA-09-11103	7/14/2009	LAO-B
09-2625	METALS	GELC	CALA-09-11104	7/14/2009	LAO-B
09-2625	METALS	GELC	CALA-09-11105	7/14/2009	LAO-B
09-2625	METALS	GELC	CALA-09-11122	7/14/2009	LAO-4.5c
09-2625	METALS	GELC	CALA-09-11124	7/14/2009	LAO-4.5c
09-2626	RAD	GELC	CALA-09-11103	7/14/2009	LAO-B
09-2626	RAD	GELC	CALA-09-11104	7/14/2009	LAO-B
09-2626	RAD	GELC	CALA-09-11124	7/14/2009	LAO-4.5c
09-2638	PEST/PCB	ALTC	CALA-09-11069	7/14/2009	DP below Meadow at TA-21
09-2638	PEST/PCB	ALTC	CALA-09-11073	7/14/2009	DP below Meadow at TA-21
09-2638	PEST/PCB	ALTC	CALA-09-11074	7/14/2009	DP below Meadow at TA-21
09-2639	GENINORG	GELC	CALA-09-11069	7/14/2009	DP below Meadow at TA-21
09-2639	GENINORG	GELC	CALA-09-11073	7/14/2009	DP below Meadow at TA-21
09-2639	GENINORG	GELC	CALA-09-11157	7/14/2009	R-6i
09-2639	GENINORG	GELC	CALA-09-11164	7/14/2009	R-6
09-2639	PEST/PCB	GELC	CALA-09-11069	7/14/2009	DP below Meadow at TA-21
09-2639	PEST/PCB	GELC	CALA-09-11073	7/14/2009	DP below Meadow at TA-21
09-2639	PEST/PCB	GELC	CALA-09-11074	7/14/2009	DP below Meadow at TA-21
09-2639	SVOA	GELC	CALA-09-11069	7/14/2009	DP below Meadow at TA-21
09-2639	SVOA	GELC	CALA-09-11073	7/14/2009	DP below Meadow at TA-21
09-2639	SVOA	GELC	CALA-09-11157	7/14/2009	R-6i
09-2639	VOA	GELC	CALA-09-11069	7/14/2009	DP below Meadow at TA-21
09-2639	VOA	GELC	CALA-09-11070	7/14/2009	DP below Meadow at TA-21
09-2639	VOA	GELC	CALA-09-11073	7/14/2009	DP below Meadow at TA-21
09-2639	VOA	GELC	CALA-09-11074	7/14/2009	DP below Meadow at TA-21
09-2639	VOA	GELC	CALA-09-11156	7/14/2009	R-6i
09-2639	VOA	GELC	CALA-09-11157	7/14/2009	R-6i
09-2639	VOA	GELC	CALA-09-11162	7/14/2009	R-6
09-2639	VOA	GELC	CALA-09-11164	7/14/2009	R-6
09-2640	GENINORG	GELC	CALA-09-11069	7/14/2009	DP below Meadow at TA-21
09-2640	GENINORG	GELC	CALA-09-11071	7/14/2009	DP below Meadow at TA-21
09-2640	GENINORG	GELC	CALA-09-11072	7/14/2009	DP below Meadow at TA-21

Request	Suite	Lab	Sample	Date	Location
09-2640	GENINORG	GELC	CALA-09-11073	7/14/2009	DP below Meadow at TA-21
09-2640	GENINORG	GELC	CALA-09-11157	7/14/2009	R-6i
09-2640	GENINORG	GELC	CALA-09-11158	7/14/2009	R-6i
09-2640	GENINORG	GELC	CALA-09-11163	7/14/2009	R-6
09-2640	GENINORG	GELC	CALA-09-11164	7/14/2009	R-6
09-2640	METALS	GELC	CALA-09-11069	7/14/2009	DP below Meadow at TA-21
09-2640	METALS	GELC	CALA-09-11071	7/14/2009	DP below Meadow at TA-21
09-2640	METALS	GELC	CALA-09-11072	7/14/2009	DP below Meadow at TA-21
09-2640	METALS	GELC	CALA-09-11073	7/14/2009	DP below Meadow at TA-21
09-2640	METALS	GELC	CALA-09-11157	7/14/2009	R-6i
09-2640	METALS	GELC	CALA-09-11158	7/14/2009	R-6i
09-2640	METALS	GELC	CALA-09-11163	7/14/2009	R-6
09-2640	METALS	GELC	CALA-09-11164	7/14/2009	R-6
09-2641	RAD	GELC	CALA-09-11069	7/14/2009	DP below Meadow at TA-21
09-2641	RAD	GELC	CALA-09-11073	7/14/2009	DP below Meadow at TA-21
09-2641	RAD	GELC	CALA-09-11157	7/14/2009	R-6i
09-2641	RAD	GELC	CALA-09-11164	7/14/2009	R-6
09-2651	GENINORG	GELC	CALA-09-11091	7/15/2009	LAO-3a
09-2651	GENINORG	GELC	CALA-09-11092	7/15/2009	LAO-3a
09-2651	GENINORG	GELC	CALA-09-11121	7/15/2009	LAO-2
09-2651	PEST/PCB	GELC	CALA-09-11091	7/15/2009	LAO-3a
09-2651	PEST/PCB	GELC	CALA-09-11092	7/15/2009	LAO-3a
09-2651	PEST/PCB	GELC	CALA-09-11094	7/15/2009	LAO-3a
09-2651	SVOA	GELC	CALA-09-11091	7/15/2009	LAO-3a
09-2651	SVOA	GELC	CALA-09-11092	7/15/2009	LAO-3a
09-2651	SVOA	GELC	CALA-09-11121	7/15/2009	LAO-2
09-2651	VOA	GELC	CALA-09-11090	7/15/2009	LAO-3a
09-2651	VOA	GELC	CALA-09-11091	7/15/2009	LAO-3a
09-2651	VOA	GELC	CALA-09-11092	7/15/2009	LAO-3a
09-2651	VOA	GELC	CALA-09-11094	7/15/2009	LAO-3a
09-2651	VOA	GELC	CALA-09-11119	7/15/2009	LAO-2
09-2651	VOA	GELC	CALA-09-11121	7/15/2009	LAO-2
09-2652	GENINORG	GELC	CALA-09-11089	7/15/2009	LAO-3a
09-2652	GENINORG	GELC	CALA-09-11091	7/15/2009	LAO-3a
09-2652	GENINORG	GELC	CALA-09-11092	7/15/2009	LAO-3a
09-2652	GENINORG	GELC	CALA-09-11093	7/15/2009	LAO-3a
09-2652	GENINORG	GELC	CALA-09-11120	7/15/2009	LAO-2
09-2652	GENINORG	GELC	CALA-09-11121	7/15/2009	LAO-2
09-2652	METALS	GELC	CALA-09-11089	7/15/2009	LAO-3a
09-2652	METALS	GELC	CALA-09-11091	7/15/2009	LAO-3a
09-2652	METALS	GELC	CALA-09-11092	7/15/2009	LAO-3a

Request	Suite	Lab	Sample	Date	Location
09-2652	METALS	GELC	CALA-09-11093	7/15/2009	LAO-3a
09-2652	METALS	GELC	CALA-09-11120	7/15/2009	LAO-2
09-2652	METALS	GELC	CALA-09-11121	7/15/2009	LAO-2
09-2653	RAD	GELC	CALA-09-11091	7/15/2009	LAO-3a
09-2653	RAD	GELC	CALA-09-11092	7/15/2009	LAO-3a
09-2653	RAD	GELC	CALA-09-11121	7/15/2009	LAO-2
09-2657	GENINORG	GELC	CAPU-09-11239	7/15/2009	POI-4
09-2657	GENINORG	GELC	CAPU-09-11240	7/15/2009	POI-4
09-2657	METALS	GELC	CAPU-09-11239	7/15/2009	POI-4
09-2657	METALS	GELC	CAPU-09-11240	7/15/2009	POI-4
09-2657	RAD	GELC	CAPU-09-11240	7/15/2009	POI-4
09-2657	VOA	GELC	CAPU-09-11238	7/15/2009	POI-4
09-2657	VOA	GELC	CAPU-09-11240	7/15/2009	POI-4
09-2659	GENINORG	GELC	CALA-09-11128	7/15/2009	LADP-3
09-2659	GENINORG	GELC	CALA-09-11129	7/15/2009	LADP-3
09-2659	METALS	GELC	CALA-09-11128	7/15/2009	LADP-3
09-2659	METALS	GELC	CALA-09-11129	7/15/2009	LADP-3
09-2659	RAD	GELC	CALA-09-11129	7/15/2009	LADP-3
09-2659	VOA	GELC	CALA-09-11129	7/15/2009	LADP-3
09-2659	VOA	GELC	CALA-09-11130	7/15/2009	LADP-3
09-2666	GENINORG	GELC	CALA-09-11111	7/16/2009	LAO-1
09-2666	GENINORG	GELC	CALA-09-11114	7/16/2009	LAO-1.6g
09-2666	SVOA	GELC	CALA-09-11111	7/16/2009	LAO-1
09-2666	SVOA	GELC	CALA-09-11114	7/16/2009	LAO-1.6g
09-2666	VOA	GELC	CALA-09-11110	7/16/2009	LAO-1
09-2666	VOA	GELC	CALA-09-11111	7/16/2009	LAO-1
09-2666	VOA	GELC	CALA-09-11113	7/16/2009	LAO-1.6g
09-2666	VOA	GELC	CALA-09-11114	7/16/2009	LAO-1.6g
09-2667	GENINORG	GELC	CALA-09-11111	7/16/2009	LAO-1
09-2667	GENINORG	GELC	CALA-09-11112	7/16/2009	LAO-1
09-2667	GENINORG	GELC	CALA-09-11114	7/16/2009	LAO-1.6g
09-2667	GENINORG	GELC	CALA-09-11115	7/16/2009	LAO-1.6g
09-2667	METALS	GELC	CALA-09-11111	7/16/2009	LAO-1
09-2667	METALS	GELC	CALA-09-11112	7/16/2009	LAO-1
09-2667	METALS	GELC	CALA-09-11114	7/16/2009	LAO-1.6g
09-2667	METALS	GELC	CALA-09-11115	7/16/2009	LAO-1.6g
09-2668	RAD	GELC	CALA-09-11111	7/16/2009	LAO-1
09-2668	RAD	GELC	CALA-09-11114	7/16/2009	LAO-1.6g
09-2671	SVOA	GELC	CAPU-09-11435	7/16/2009	R-24
09-2671	SVOA	GELC	CAPU-09-11436	7/16/2009	R-24
09-2671	VOA	GELC	CAPU-09-11263	7/16/2009	R-4

Request	Suite	Lab	Sample	Date	Location
09-2671	VOA	GELC	CAPU-09-11265	7/16/2009	R-4
09-2671	VOA	GELC	CAPU-09-11266	7/16/2009	R-4
09-2671	VOA	GELC	CAPU-09-11268	7/16/2009	R-4
09-2671	VOA	GELC	CAPU-09-11269	7/16/2009	R-24
09-2671	VOA	GELC	CAPU-09-11271	7/16/2009	R-24
09-2671	VOA	GELC	CAPU-09-11435	7/16/2009	R-24
09-2671	VOA	GELC	CAPU-09-11436	7/16/2009	R-24
09-2672	RAD	GELC	CAPU-09-11263	7/16/2009	R-4
09-2672	RAD	GELC	CAPU-09-11266	7/16/2009	R-4
09-2672	RAD	GELC	CAPU-09-11269	7/16/2009	R-24
09-2673	GENINORG	GELC	CAPU-09-11263	7/16/2009	R-4
09-2673	GENINORG	GELC	CAPU-09-11264	7/16/2009	R-4
09-2673	GENINORG	GELC	CAPU-09-11266	7/16/2009	R-4
09-2673	GENINORG	GELC	CAPU-09-11267	7/16/2009	R-4
09-2673	GENINORG	GELC	CAPU-09-11269	7/16/2009	R-24
09-2673	GENINORG	GELC	CAPU-09-11270	7/16/2009	R-24
09-2673	GENINORG	GELC	CAPU-09-11435	7/16/2009	R-24
09-2673	GENINORG	GELC	CAPU-09-11436	7/16/2009	R-24
09-2673	METALS	GELC	CAPU-09-11263	7/16/2009	R-4
09-2673	METALS	GELC	CAPU-09-11264	7/16/2009	R-4
09-2673	METALS	GELC	CAPU-09-11266	7/16/2009	R-4
09-2673	METALS	GELC	CAPU-09-11267	7/16/2009	R-4
09-2673	METALS	GELC	CAPU-09-11269	7/16/2009	R-24
09-2673	METALS	GELC	CAPU-09-11270	7/16/2009	R-24
09-2673	METALS	GELC	CAPU-09-11435	7/16/2009	R-24
09-2673	METALS	GELC	CAPU-09-11436	7/16/2009	R-24
09-2682	GENINORG	GELC	CALA-09-11117	7/17/2009	LAUZ-1
09-2682	GENINORG	GELC	CALA-09-11118	7/17/2009	LAUZ-1
09-2682	METALS	GELC	CALA-09-11117	7/17/2009	LAUZ-1
09-2682	METALS	GELC	CALA-09-11118	7/17/2009	LAUZ-1
09-2682	RAD	GELC	CALA-09-11117	7/17/2009	LAUZ-1
09-2682	SVOA	GELC	CALA-09-11117	7/17/2009	LAUZ-1
09-2682	VOA	GELC	CALA-09-11116	7/17/2009	LAUZ-1
09-2682	VOA	GELC	CALA-09-11117	7/17/2009	LAUZ-1
09-2687	DIOX/FUR	ALTC	CALA-09-11335	7/20/2009	TA-53i
09-2687	PEST/PCB	ALTC	CALA-09-11335	7/20/2009	TA-53i
09-2688	PEST/PCB	GELC	CAPU-09-11228	7/20/2009	APCO-1
09-2688	SVOA	GELC	CAPU-09-11225	7/20/2009	PAO-4
09-2688	SVOA	GELC	CAPU-09-11228	7/20/2009	APCO-1
09-2688	SVOA	GELC	CAPU-09-11431	7/20/2009	APCO-1
09-2688	SVOA	GELC	CAPU-09-11432	7/20/2009	APCO-1

Request	Suite	Lab	Sample	Date	Location
09-2688	VOA	GELC	CAPU-09-11225	7/20/2009	PAO-4
09-2688	VOA	GELC	CAPU-09-11227	7/20/2009	PAO-4
09-2688	VOA	GELC	CAPU-09-11228	7/20/2009	APCO-1
09-2688	VOA	GELC	CAPU-09-11230	7/20/2009	APCO-1
09-2688	VOA	GELC	CAPU-09-11431	7/20/2009	APCO-1
09-2688	VOA	GELC	CAPU-09-11432	7/20/2009	APCO-1
09-2689	RAD	GELC	CAPU-09-11225	7/20/2009	PAO-4
09-2689	RAD	GELC	CAPU-09-11228	7/20/2009	APCO-1
09-2690	GENINORG	GELC	CAPU-09-11225	7/20/2009	PAO-4
09-2690	GENINORG	GELC	CAPU-09-11226	7/20/2009	PAO-4
09-2690	GENINORG	GELC	CAPU-09-11228	7/20/2009	APCO-1
09-2690	GENINORG	GELC	CAPU-09-11229	7/20/2009	APCO-1
09-2690	GENINORG	GELC	CAPU-09-11431	7/20/2009	APCO-1
09-2690	GENINORG	GELC	CAPU-09-11432	7/20/2009	APCO-1
09-2690	METALS	GELC	CAPU-09-11225	7/20/2009	PAO-4
09-2690	METALS	GELC	CAPU-09-11226	7/20/2009	PAO-4
09-2690	METALS	GELC	CAPU-09-11228	7/20/2009	APCO-1
09-2690	METALS	GELC	CAPU-09-11229	7/20/2009	APCO-1
09-2690	METALS	GELC	CAPU-09-11431	7/20/2009	APCO-1
09-2690	METALS	GELC	CAPU-09-11432	7/20/2009	APCO-1
09-2691	DIOX/FUR	ALTC	CAPU-09-11225	7/20/2009	PAO-4
09-2691	DIOX/FUR	ALTC	CAPU-09-11228	7/20/2009	APCO-1
09-2692	GENINORG	GELC	CALA-09-11334	7/20/2009	TA-53i
09-2692	GENINORG	GELC	CALA-09-11335	7/20/2009	TA-53i
09-2692	METALS	GELC	CALA-09-11334	7/20/2009	TA-53i
09-2692	METALS	GELC	CALA-09-11335	7/20/2009	TA-53i
09-2692	RAD	GELC	CALA-09-11335	7/20/2009	TA-53i
09-2693	DRO	GELC	CALA-09-11335	7/20/2009	TA-53i
09-2693	HERB	GELC	CALA-09-11335	7/20/2009	TA-53i
09-2693	HEXP	GELC	CALA-09-11335	7/20/2009	TA-53i
09-2693	PEST/PCB	GELC	CALA-09-11335	7/20/2009	TA-53i
09-2693	SVOA	GELC	CALA-09-11335	7/20/2009	TA-53i
09-2693	SVOA	GELC	CALA-09-11337	7/20/2009	TA-53i
09-2693	VOA	GELC	CALA-09-11335	7/20/2009	TA-53i
09-2693	VOA	GELC	CALA-09-11336	7/20/2009	TA-53i
09-2693	VOA	GELC	CALA-09-11337	7/20/2009	TA-53i
09-2694	GENINORG	GELC	CALA-09-11171	7/20/2009	R-8
09-2694	GENINORG	GELC	CALA-09-11172	7/20/2009	R-8
09-2694	METALS	GELC	CALA-09-11171	7/20/2009	R-8
09-2694	METALS	GELC	CALA-09-11172	7/20/2009	R-8
09-2694	RAD	GELC	CALA-09-11171	7/20/2009	R-8

Request	Suite	Lab	Sample	Date	Location
09-2694	VOA	GELC	CALA-09-11171	7/20/2009	R-8
09-2694	VOA	GELC	CALA-09-11173	7/20/2009	R-8
09-2694	VOA	GELC	CALA-09-11174	7/20/2009	R-8
09-2708	GENINORG	GELC	CAPU-09-11338	7/21/2009	Test Well 2A
09-2708	GENINORG	GELC	CAPU-09-11339	7/21/2009	Test Well 2A
09-2708	METALS	GELC	CAPU-09-11338	7/21/2009	Test Well 2A
09-2708	METALS	GELC	CAPU-09-11339	7/21/2009	Test Well 2A
09-2708	VOA	GELC	CAPU-09-11338	7/21/2009	Test Well 2A
09-2708	VOA	GELC	CAPU-09-11340	7/21/2009	Test Well 2A
09-2709	GENINORG	GELC	CALA-09-11084	7/21/2009	DP Spring
09-2709	GENINORG	GELC	CALA-09-11085	7/21/2009	DP Spring
09-2709	METALS	GELC	CALA-09-11084	7/21/2009	DP Spring
09-2709	METALS	GELC	CALA-09-11085	7/21/2009	DP Spring
09-2709	PEST/PCB	GELC	CALA-09-11085	7/21/2009	DP Spring
09-2709	RAD	GELC	CALA-09-11085	7/21/2009	DP Spring
09-2709	RAD	GELC	CALA-09-11179	7/20/2009	R-7
09-2709	VOA	GELC	CALA-09-11179	7/20/2009	R-7
09-2709	VOA	GELC	CALA-09-11180	7/20/2009	R-7
09-2709	VOA	GELC	CALA-09-11182	7/20/2009	R-7
09-2711	PEST/PCB	GELC	CAPU-09-11214	7/21/2009	Pueblo 3
09-2711	SVOA	GELC	CAPU-09-11214	7/21/2009	Pueblo 3
09-2711	SVOA	GELC	CAPU-09-11433	7/21/2009	Pueblo 3
09-2711	SVOA	GELC	CAPU-09-11434	7/21/2009	Pueblo 3
09-2711	VOA	GELC	CAPU-09-11213	7/21/2009	Pueblo 3
09-2711	VOA	GELC	CAPU-09-11214	7/21/2009	Pueblo 3
09-2711	VOA	GELC	CAPU-09-11433	7/21/2009	Pueblo 3
09-2711	VOA	GELC	CAPU-09-11434	7/21/2009	Pueblo 3
09-2712	GENINORG	GELC	CAPU-09-11214	7/21/2009	Pueblo 3
09-2712	GENINORG	GELC	CAPU-09-11215	7/21/2009	Pueblo 3
09-2712	GENINORG	GELC	CAPU-09-11433	7/21/2009	Pueblo 3
09-2712	GENINORG	GELC	CAPU-09-11434	7/21/2009	Pueblo 3
09-2712	METALS	GELC	CAPU-09-11214	7/21/2009	Pueblo 3
09-2712	METALS	GELC	CAPU-09-11215	7/21/2009	Pueblo 3
09-2712	METALS	GELC	CAPU-09-11433	7/21/2009	Pueblo 3
09-2712	METALS	GELC	CAPU-09-11434	7/21/2009	Pueblo 3
09-2712	RAD	GELC	CAPU-09-11214	7/21/2009	Pueblo 3
09-2715	DRO	GELC	CAPU-09-11236	7/23/2009	R-3i
09-2715	HEXP	GELC	CAPU-09-11236	7/23/2009	R-3i
09-2715	PEST/PCB	GELC	CAPU-09-11236	7/23/2009	R-3i
09-2715	SVOA	GELC	CAPU-09-11231	7/22/2009	R-3i
09-2715	SVOA	GELC	CAPU-09-11235	7/22/2009	R-3i

Request	Suite	Lab	Sample	Date	Location
09-2715	SVOA	GELC	CAPU-09-11236	7/23/2009	R-3i
09-2715	VOA	GELC	CAPU-09-11231	7/22/2009	R-3i
09-2715	VOA	GELC	CAPU-09-11232	7/22/2009	R-3i
09-2715	VOA	GELC	CAPU-09-11235	7/22/2009	R-3i
09-2715	VOA	GELC	CAPU-09-11236	7/23/2009	R-3i
09-2715	VOA	GELC	CAPU-09-11237	7/22/2009	R-3i
09-2716	GENINORG	GELC	CAPU-09-11231	7/22/2009	R-3i
09-2716	GENINORG	GELC	CAPU-09-11233	7/22/2009	R-3i
09-2716	GENINORG	GELC	CAPU-09-11234	7/22/2009	R-3i
09-2716	GENINORG	GELC	CAPU-09-11235	7/22/2009	R-3i
09-2716	GENINORG	GELC	CAPU-09-11236	7/23/2009	R-3i
09-2716	METALS	GELC	CAPU-09-11231	7/22/2009	R-3i
09-2716	METALS	GELC	CAPU-09-11233	7/22/2009	R-3i
09-2716	METALS	GELC	CAPU-09-11234	7/22/2009	R-3i
09-2716	METALS	GELC	CAPU-09-11235	7/22/2009	R-3i
09-2716	METALS	GELC	CAPU-09-11236	7/23/2009	R-3i
09-2716	RAD	GELC	CAPU-09-11231	7/22/2009	R-3i
09-2716	RAD	GELC	CAPU-09-11235	7/22/2009	R-3i
09-2716	RAD	GELC	CAPU-09-11236	7/23/2009	R-3i
09-2717	DRO	GELC	CAPU-09-11375	7/23/2009	R-3i
09-2717	HEXP	GELC	CAPU-09-11375	7/23/2009	R-3i
09-2717	PEST/PCB	GELC	CAPU-09-11375	7/23/2009	R-3i
09-2717	SVOA	GELC	CAPU-09-11375	7/23/2009	R-3i
09-2717	VOA	GELC	CAPU-09-11246	7/22/2009	R-5
09-2717	VOA	GELC	CAPU-09-11247	7/22/2009	R-5
09-2717	VOA	GELC	CAPU-09-11250	7/22/2009	R-5
09-2717	VOA	GELC	CAPU-09-11375	7/23/2009	R-3i
09-2718	GENINORG	GELC	CAPU-09-11247	7/22/2009	R-5
09-2718	GENINORG	GELC	CAPU-09-11248	7/22/2009	R-5
09-2718	GENINORG	GELC	CAPU-09-11375	7/23/2009	R-3i
09-2718	METALS	GELC	CAPU-09-11247	7/22/2009	R-5
09-2718	METALS	GELC	CAPU-09-11248	7/22/2009	R-5
09-2718	METALS	GELC	CAPU-09-11375	7/23/2009	R-3i
09-2718	RAD	GELC	CAPU-09-11247	7/22/2009	R-5
09-2718	RAD	GELC	CAPU-09-11375	7/23/2009	R-3i
09-2719	RAD	GELC	CALA-09-11161	7/22/2009	Test Well 3
09-2719	VOA	GELC	CALA-09-11160	7/22/2009	Test Well 3
09-2719	VOA	GELC	CALA-09-11161	7/22/2009	Test Well 3
09-2721	DIOX/FUR	ALTC	CAPU-09-11214	7/21/2009	Pueblo 3
09-2721	DIOX/FUR	ALTC	CAPU-09-11236	7/23/2009	R-3i
09-2721	DIOX/FUR	ALTC	CAPU-09-11375	7/23/2009	R-3i

Request	Suite	Lab	Sample	Date	Location
09-2721	PEST/PCB	ALTC	CAPU-09-11214	7/21/2009	Pueblo 3
09-2721	PEST/PCB	ALTC	CAPU-09-11236	7/23/2009	R-3i
09-2721	PEST/PCB	ALTC	CAPU-09-11375	7/23/2009	R-3i
09-2726	GENINORG	GELC	CAPU-09-11249	7/22/2009	R-5
09-2726	GENINORG	GELC	CAPU-09-11252	7/22/2009	R-5
09-2726	GENINORG	GELC	CAPU-09-11253	7/23/2009	R-5
09-2726	GENINORG	GELC	CAPU-09-11255	7/23/2009	R-5
09-2726	METALS	GELC	CAPU-09-11249	7/22/2009	R-5
09-2726	METALS	GELC	CAPU-09-11252	7/22/2009	R-5
09-2726	METALS	GELC	CAPU-09-11253	7/23/2009	R-5
09-2726	METALS	GELC	CAPU-09-11255	7/23/2009	R-5
09-2726	RAD	GELC	CAPU-09-11252	7/22/2009	R-5
09-2726	RAD	GELC	CAPU-09-11255	7/23/2009	R-5
09-2726	VOA	GELC	CAPU-09-11245	7/22/2009	R-5
09-2726	VOA	GELC	CAPU-09-11251	7/22/2009	R-5
09-2726	VOA	GELC	CAPU-09-11252	7/22/2009	R-5
09-2726	VOA	GELC	CAPU-09-11254	7/23/2009	R-5
09-2726	VOA	GELC	CAPU-09-11255	7/23/2009	R-5
09-2726	VOA	GELC	CAPU-09-11256	7/23/2009	R-5

DIOX/FUR = Dioxins and furans.

GENINORG = General inorganics.

HERB = Herbicides.

HEXP = High explosives.

PEST/PCB = Pesticides/polychlorinated biphenyls.

RAD = Radionuclides.

SVOA = Semivolatile organic analysis.

VOA = Volatile organic analysis.

