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Periodic Monitoring Report for Pajarito Watershed, August 31–September 17, 2009

Los Alamos
NATIONAL LABORATORY
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Prepared by the Environmental Programs Directorate

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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 Pajarito Watershed. This PME was conducted pursuant to the 2009 Interim Facility-Wide Groundwater Monitoring Plan, prepared under the Compliance Order on Consent.

The PME documented in this report occurred from August 31 to September 17, 2009, and included sampling of groundwater wells or well ports, springs, and base-flow stations. No surface water results were unreported from previous monitoring events. No groundwater sampling results from previous monitoring events were above 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, high explosives, radionuclides, low-level tritium, inorganics, perchlorate, stable isotopes, and field parameters (alkalinity, dissolved oxygen, pH, specific conductance, temperature, and turbidity).

Overall, one result from surface water samples collected from a previous monitoring event in the Pajarito PME exceeded screening levels. Aluminum in a surface water sample collected during this PME from the station Two Mile Canyon below Technical Area 59 exceeded the New Mexico aquatic life acute screening level.

Eighteen results from groundwater samples collected during this PME from Pajarito Canyon exceeded screening levels. At one alluvial well (PCAO-7b2), the chloride, filtered barium, and total dissolved solids concentrations were above the respective New Mexico Water Quality Control Commission (NMWQCC) groundwater screening levels. At a second alluvial well (18-MW-18), chloride was above the NMWQCC groundwater screening level. At a third alluvial well (PCAO-5), filtered manganese and iron were above the NMWQCC groundwater screening level. At TW-1.72 Spring, filtered aluminum and iron were above the NMWQCC groundwater screening level.

At intermediate wells 03-B-10 and 03-B-13 in Technical Area 03, the organic compound trichloroethane[1,1,1-] was detected above the NMWQCC groundwater screening level. At wells 03-B-10 and 03-B-13, the filtered iron and aluminum concentrations were above their respective NMWQCC groundwater screening levels. Also at wells 03-B-10 and 03-B-13, the unfiltered lead concentration exceeded the U.S. Environmental Protection Agency (EPA) standard (applicable to drinking water systems).

The filtered manganese and iron concentrations at the intermediate level 649.7-ft port in regional aquifer well R-40 exceeded the NMWQCC groundwater screening levels (applicable to domestic water supply).

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Acronyms and Abbreviations

AOC	area of concern
AQA	Analytical Quality Associates, Inc.
BCG	Biota Concentration Guide (DOE)
Consent Order	Compliance Order on Consent
DCGs	Derived Concentration Guidelines (DOE)
DOE	Department of Energy (U.S.)
EPA	Environmental Protection Agency (U.S.)
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
MCL	maximum contaminant level (EPA)
MDA	material disposal area
MDL	method detection limit
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
NTU	nephelometric turbidity units
PME	periodic monitoring event
PQL	practical quantitation limit
QC	quality control
RAD	radionuclide
RPF	Records Processing Facility

SOP	standard operating procedure
SVOA	semivolatile organic analysis
SWMU	solid waste management unit
TA	technical area
VOA	volatile organic analysis

1.0 INTRODUCTION

This report provides documentation of quarterly groundwater and surface-water monitoring conducted by Los Alamos National Laboratory (LANL or the Laboratory) in the Pajarito Watershed pursuant to the Interim Facility-Wide Groundwater Monitoring Plan (IFGMP) (LANL 2009, 106115) prepared under the Compliance Order on Consent (Consent Order). This periodic monitoring event (PME) occurred from August 31 to September 17, 2009, and included sampling at groundwater wells or well 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. The NMWQCC groundwater standards, MCLs, and EPA tap water screening levels used as screening levels for monitoring data 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 these PME results with screening levels and results from previous reports), and
- 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

Pajarito Canyon is located on the Pajarito Plateau in the central part of the Laboratory. The Pajarito Canyon Watershed is approximately 13 mi^2 and heads in the Santa Fe National Forest, approximately 2.9 mi (4.6 km) west of the Laboratory boundary at an elevation of approximately 10,434 ft (3180 m). Pajarito Canyon trends east-southeast across both the Laboratory and Los Alamos County. It discharges into the Rio Grande in White Rock Canyon at an elevation of 5422 ft (1653 m). Two Mile and Three Mile Canyons are major tributaries that join Pajarito Canyon approximately 7.3 mi (11.7 km) and 4.9 mi (9.3 km), respectively, upstream of the Rio Grande.

The primary Laboratory use of the Pajarito Watershed has been as the canyon-floor location for the Los Alamos Critical Experiments Laboratory at Technical Area 18 (TA-18) and for mesa-top surface and subsurface Material Disposal Areas (MDAs) F and Q at TA-06; M at TA-09; and G, H, J, and L at TA-54.

The technical areas located within this watershed include TA-03, TA-06, TA-07, TA-08, TA-09, TA-14, TA-15, TA-18, TA-22, TA-23, TA-36, TA-40, TA-46, TA-48, TA-50, TA-54, TA-55, TA-58, TA-59, TA-64, TA-65, TA-66, TA-67, and TA-69. The contaminant release history from approximately 379 solid waste management units (SWMUs) and areas of concern (AOCs) includes releases or possible releases from outfalls, septic systems, spills, open detonations from firing sites, and MDAs. Laboratory-related contamination has been detected in Pajarito Canyon water samples collected from perennial and

ephemeral streams, alluvial groundwater, and springs supplied by intermediate groundwater from the Bandelier Tuff.

Other uses within the watershed area include surface and subsurface MDAs and a buffer zone for mesa-top firing activities. To a lesser extent, the canyon has been used for liquid waste disposal. The early discharges were associated with outfalls, surface runoff, and dispersion from firing sites located at TA-06, TA-07, TA-08, TA-09, TA-12 (former), TA-15, TA-18, TA-22, TA-27 (former), and TA-69. Additional discharges began with the continued expansion of Laboratory operations to new sites from the 1950s to the 1970s, specifically TA-03, TA-36, TA-40, TA-48, and TA-59. Discharges to Pajarito Canyon and its tributaries have decreased as fewer firing sites within the watershed remain active during the past decades, and many outfalls have either been rendered inactive or rerouted to the Laboratory's sanitary waste treatment facility at TA-46 during the 1980s and 1990s.

2.0 SCOPE OF ACTIVITIES

The PME for the Pajarito Watershed was conducted pursuant to the 2009 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 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 2009 IFGMP.

3.2 Field Parameter Results

Appendix A contains the field parameter results for this PME and for the three previous PMEs.

3.3 Water-Level Observations

The periodic monitoring water-level 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. The water-level measurements taken during these PMEs are shown graphically on Plate 1. Similarly, base-flow measurements are shown graphically on Plate 2.

3.4 Deviations

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 2009 IFGMP.

All sampling, data reviews, and data package validations were conducted using standard operating procedures (SOPs) that are part of a comprehensive quality assurance program. The quality program and procedures are available 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 was 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 were 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 was 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 nondetection.

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 August and September 2009 sampling event. The screening levels with which the results were 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.

Appendix C contains all data collected during the PME (that is, 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.
  - ❖ Otherwise, all detections are reported at all locations (i.e., results without a laboratory qualifier of U or X abbreviations that indicate the analyte was not detected).
- Nonradionuclides
  - ❖ All results, excluding nondetections, 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 screening level of 4 µg/L established in Section VIII.A.1.a of the Consent Order. Surface-water sampling results were compared with all surface-water screening levels without consideration of the designated use for the particular reach.
- The NMWQCC groundwater screening levels apply to the dissolved (filtered) portion of specified contaminants; however, the screening levels 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 were 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 tables). Therefore, the values were multiplied by 10 to obtain the 10^{-5} excess cancer risk level.
- The analytical results for radioactivity were compared with the DOE Biota Concentration Guide (BCG) for surface water and Derived Concentration Guidelines (DCGs) for groundwater.

Tables D-1 through D-11 (Appendix D) show all analytical results for perchlorate, all detections for radioactivity and organic compounds, and all values greater than half the lowest applicable screening level values for metals and general 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 PMEs 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.

Table D-1 through D-4 (Appendix D) compares the current surface-water analytical data with screening levels. Graphical representations of select surface-water analytical results are shown in Figures 4.2-1 to 4.2-6.

Tables D-5 through D-11 (Appendix D) compare the current groundwater analytical data with screening levels. Graphical representations of select groundwater analytical results are shown in Figures 4.2-1 to 4.2-6.

Table 4.2-2 gives the surface-water and groundwater analytical results (by hydrogeologic zone for a specific analytical suite) that were above a screening level. Multiple detections of a particular constituent at a location were counted as one result. For example, if aluminum was detected above a screening level in both a primary sample and a field duplicate, the detection was counted as one result. Therefore, only the highest result is shown in Table 4.2-2.

Figures 4.2-1 through Figure 4.2-6 show analyte concentrations that exceed a screening level at more than one sampling location from the current PME. For example, filtered iron was above the NMWQCC groundwater screening level at intermediate wells 03-B-10 and 03-B-13, so all available filtered iron values from the current PME are shown on the map in addition to the screening level exceedances. These analytes include aluminum; lead; iron; manganese; chloride, and trichloroethane[1,1,1-].

4.2.1 Surface Water (Base Flow)

There were no unreported surface water results from previous monitoring events to include in this report.

In the current monitoring event, the filtered aluminum concentration of 5290 µg/L at location Two Mile Canyon below TA-59 was above the New Mexico Aquatic Life Acute Standard of 750 µg/L, which applies in this ephemeral reach. Results for filtered aluminum at this location over 4 yr have ranged from <200 µg/L to 6620 µg/L.

Table 4.2-2 lists results above standards or screening levels for surface water.

4.2.2 Groundwater

No groundwater results previously unreported from prior monitoring events were above screening levels..

Table 4.2-2 lists results above standards or screening levels for groundwater.

Chloride concentrations in alluvial wells PCAO-7b2 (764 mg/L) and 18-MW-18 (275 mg/L) were above the NMWQCC groundwater standard (applicable to domestic water supply) of 250 mg/L. The total dissolved solids concentration in PCAO-7b2 (1690 mg/L) was above the NMWQCC groundwater standard (applicable to domestic water supply) of 1000 mg/L. PCAO-7b2 has been sampled 6 times since June 2008 and these results were above the standard for the third time. Results for 18-MW-18 have only been available since 2006 and the chloride concentration was above the standard for the third time.

The filtered barium concentration of 1740 µg/L in alluvial well PCAO-7b2 was above the NMWQCC groundwater standard of 1000 µg/L. Results from five prior samples collected since June 2008 ranged from 140 µg/L to 2580 µg/L.

The filtered iron (14,100 µg/L) and aluminum (24,400 µg/L) concentrations at alluvial TW-1.72 Spring were the highest measured at the location and were above the NMWQCC groundwater standards (respectively applicable to domestic water supply and irrigation use) of 1000 µg/L and 5000 µg/L. The turbidity for the sample was 108 nephelometric turbidity units (NTU). Previous iron results from sampling events since 2005 ranged from 68 µg/L to 3610 µg/L. Previous aluminum results ranged from 160 µg/L to 7290 µg/L and the turbidity measurements ranged from 2.5 NTU to 124 NTU.

The filtered iron (7210 µg/L) and manganese (9570 µg/L) concentrations at alluvial well PCAO-5 were above the respective NMWQCC groundwater standards (applicable to domestic water supply) of 1000 µg/L and 200 µg/L. Iron results from four previous sampling events ranged from 722 µg/L to 36,400 µg/L. Filtered manganese concentrations for those sample events ranged from 6040 µg/L to 17,500 µg/L, and turbidities ranged from 0.9 NTU to 2.5 NTU.

The filtered iron concentrations at intermediate wells 03-B-10 (10,400 µg/L) and 03-B-13 (5850 µg/L) were above the NMWQCC groundwater standard (applicable to domestic water supply) of 1000 µg/L. The filtered aluminum concentrations at intermediate wells 03-B-10 (17,200 µg/L) and 03-B-13 (9600 µg/L) were above the NMWQCC groundwater standard (applicable to irrigation use) of 5000 µg/L. Iron results from sampling events since 2006 ranged from 94 µg/L to 21,300 µg/L. Aluminum results ranged from 81 µg/L to 39,600 µg/L.

Unfiltered lead concentrations at intermediate wells 03-B-10 (17.4 µg/L) and 03-B-13 (16.9 µg/L) were above the EPA MCL (applicable to drinking water systems) of 15 µg/L. Past results from these wells were highly variable. Unfiltered results from sampling events since 2006 ranged from 0.57 µg/L to 23.5 µg/L. Filtered results ranged from <0.5 µg/L to 20.0 µg/L.

Trichloroethane[1,1,1-] was detected in intermediate wells 03-B-10 (87.8 µg/L) and 03-B-13 (65.1 µg/L) at concentrations above the NMWQCC groundwater standard of 60 µg/L. Past results from these wells were highly variable. Trichloroethane[1,1,1-] concentrations from sampling events since 2006 ranged from 41.5 µg/L to 441 µg/L.

The filtered iron (1320 µg/L) and manganese (313 µg/L) concentrations at the 649-ft intermediate port in monitoring well R-40 were above the respective NMWQCC groundwater standards (applicable to domestic water supply) of 1000 µg/L and 200 µg/L. Concentrations of both metals have increased over the three sample events, while turbidity has decreased from 5.7 NTU to 1.4 NTU.

4.3 Sampling Program Modifications

No modifications to the periodic monitoring sampling for the Pajarito 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 collected throughout the monitoring year will be provided in the annual update to the IFGMP.

5.2 Analytical Results

5.2.1 Surface Water (Base Flow)

No surface water results were unreported from previous monitoring events.

One result from surface water samples collected during the current PME from Pajarito Canyon exceeded regulatory standards or screening levels (Table 4.2-2).

The types of analytes detected are consistent with data reported from previous monitoring events in this watershed.

5.2.2 Groundwater

No groundwater results previously unreported from prior monitoring events were above screening levels.

Overall, eighteen results from groundwater samples collected during this PME from Pajarito Canyon exceeded regulatory standards or screening levels (Table 4.2-2).

The types of contaminants detected and their concentrations are consistent with data reported from previous monitoring events in this watershed.

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. These deviations apply to all samples in all PMRs.

6.0 REFERENCES

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 2009. "2009 Interim Facility-Wide Groundwater Monitoring Plan," Los Alamos National Laboratory document LA-UR-09-1340, Los Alamos, New Mexico. (LANL 2009, 106115)

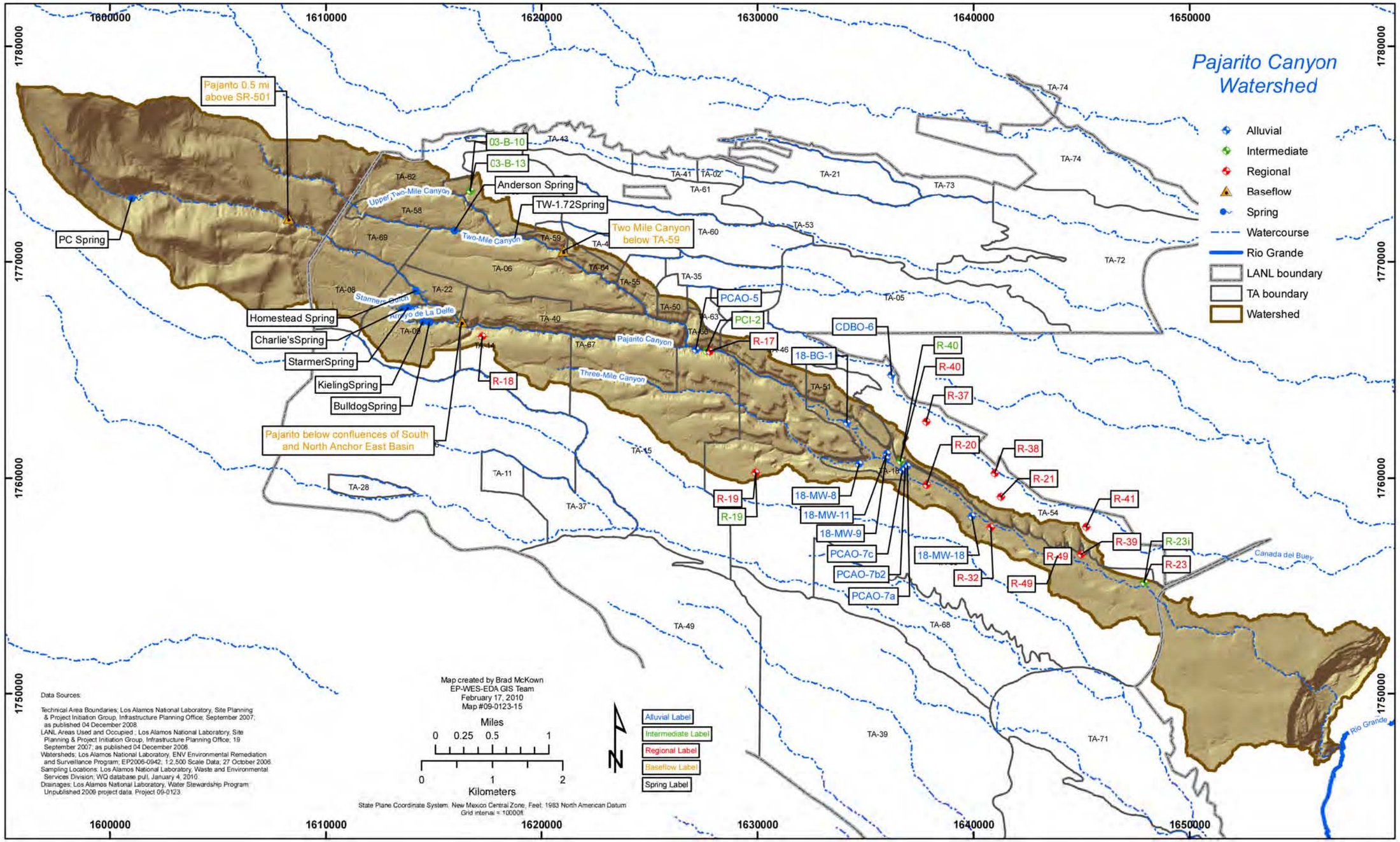
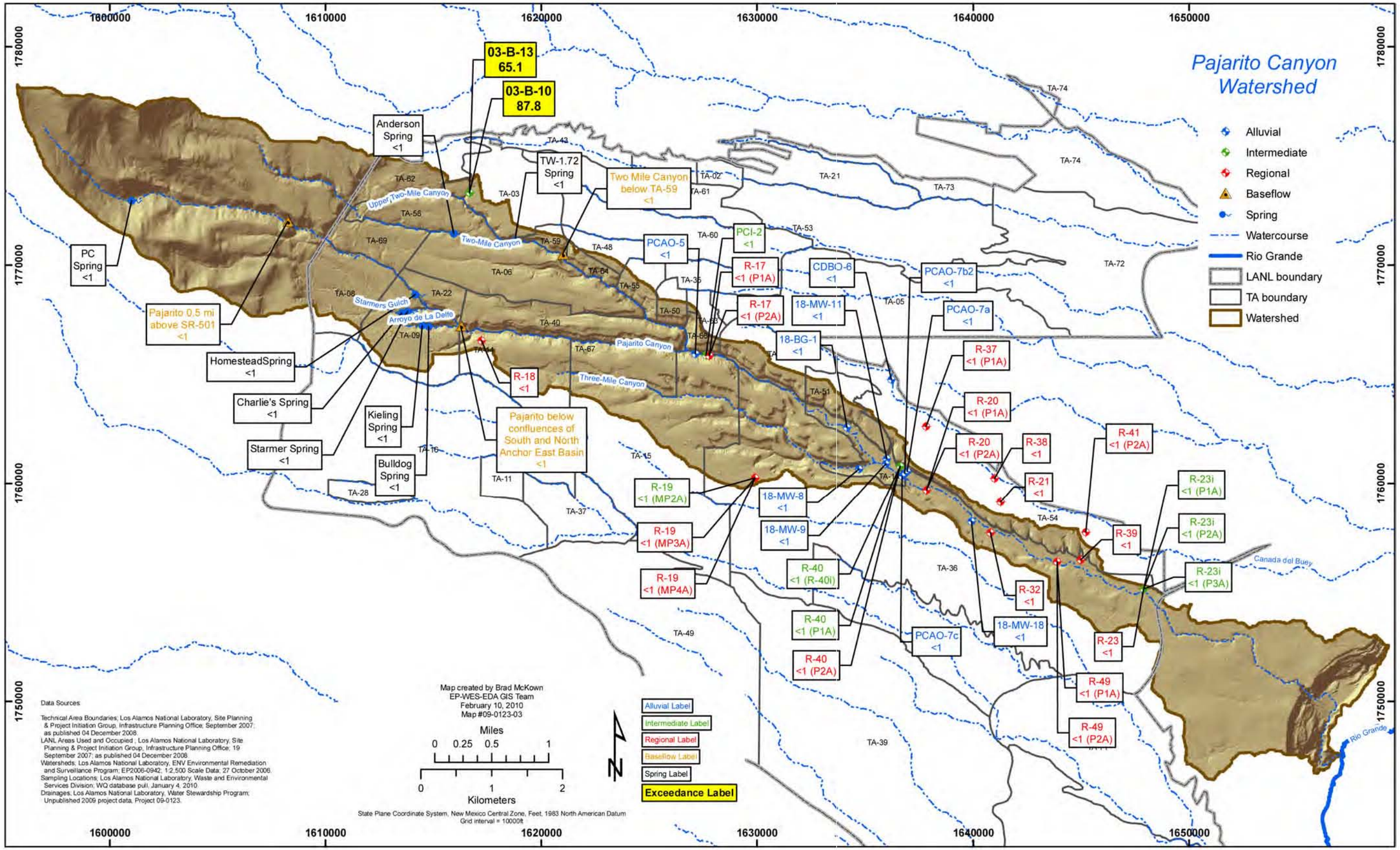
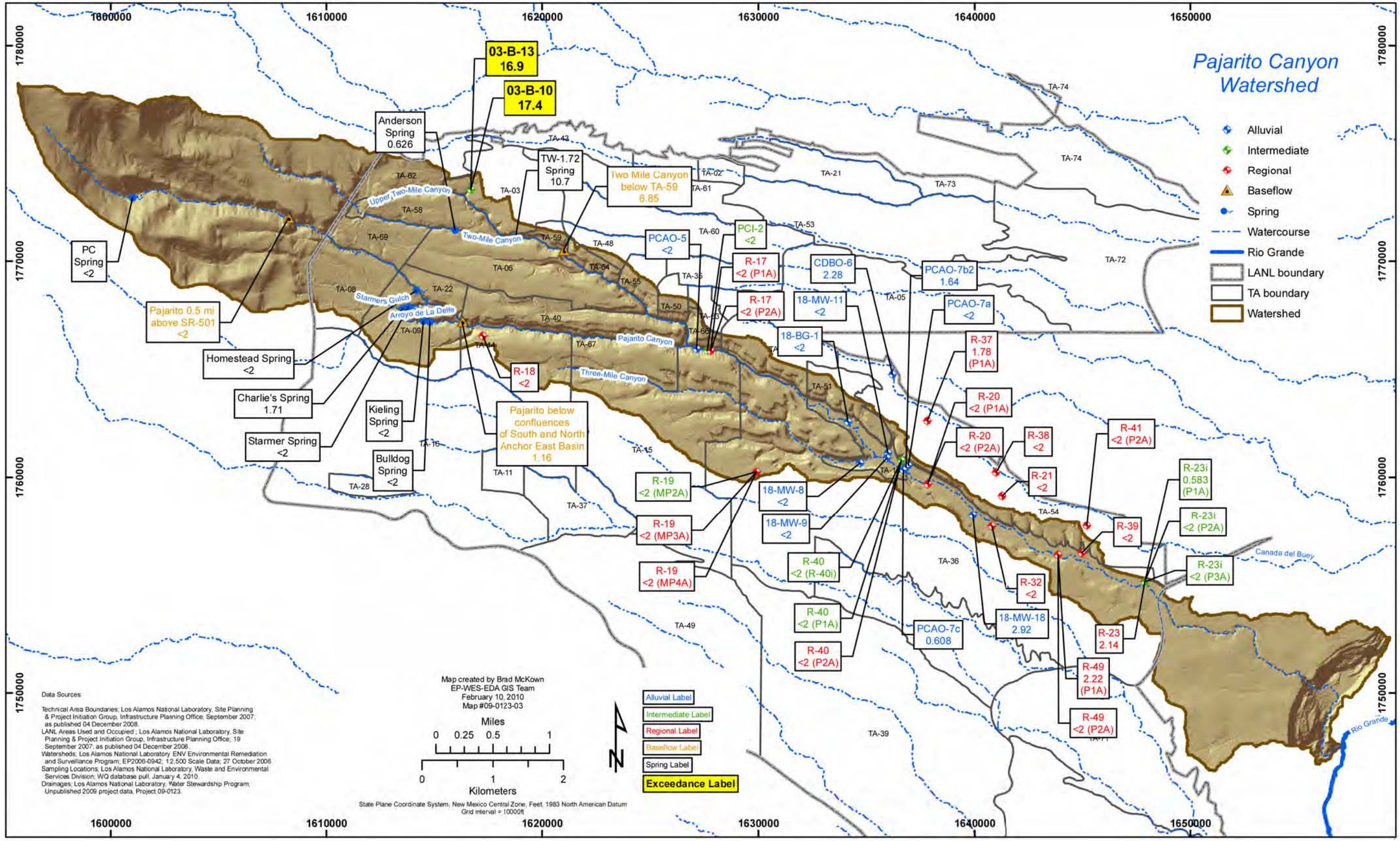


Figure 2.0-1 Watershed sampling locations



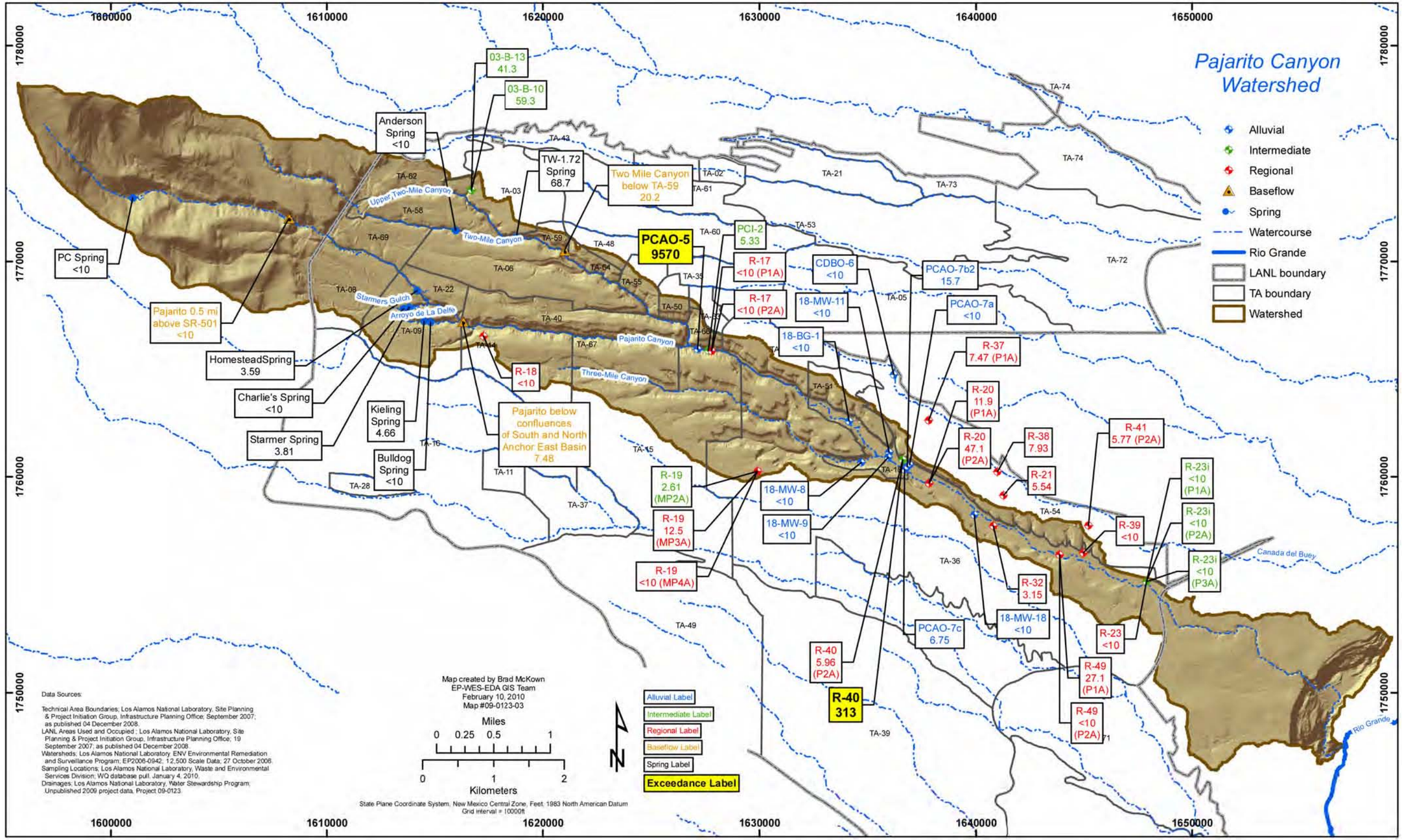
Note: NMWQCC groundwater unfiltered trichloroethane[1,1,1-] screening level = 60 µg/L.

Figure 4.2-1 Watershed unfiltered trichloroethane[1,1,1-] concentrations in µg/L



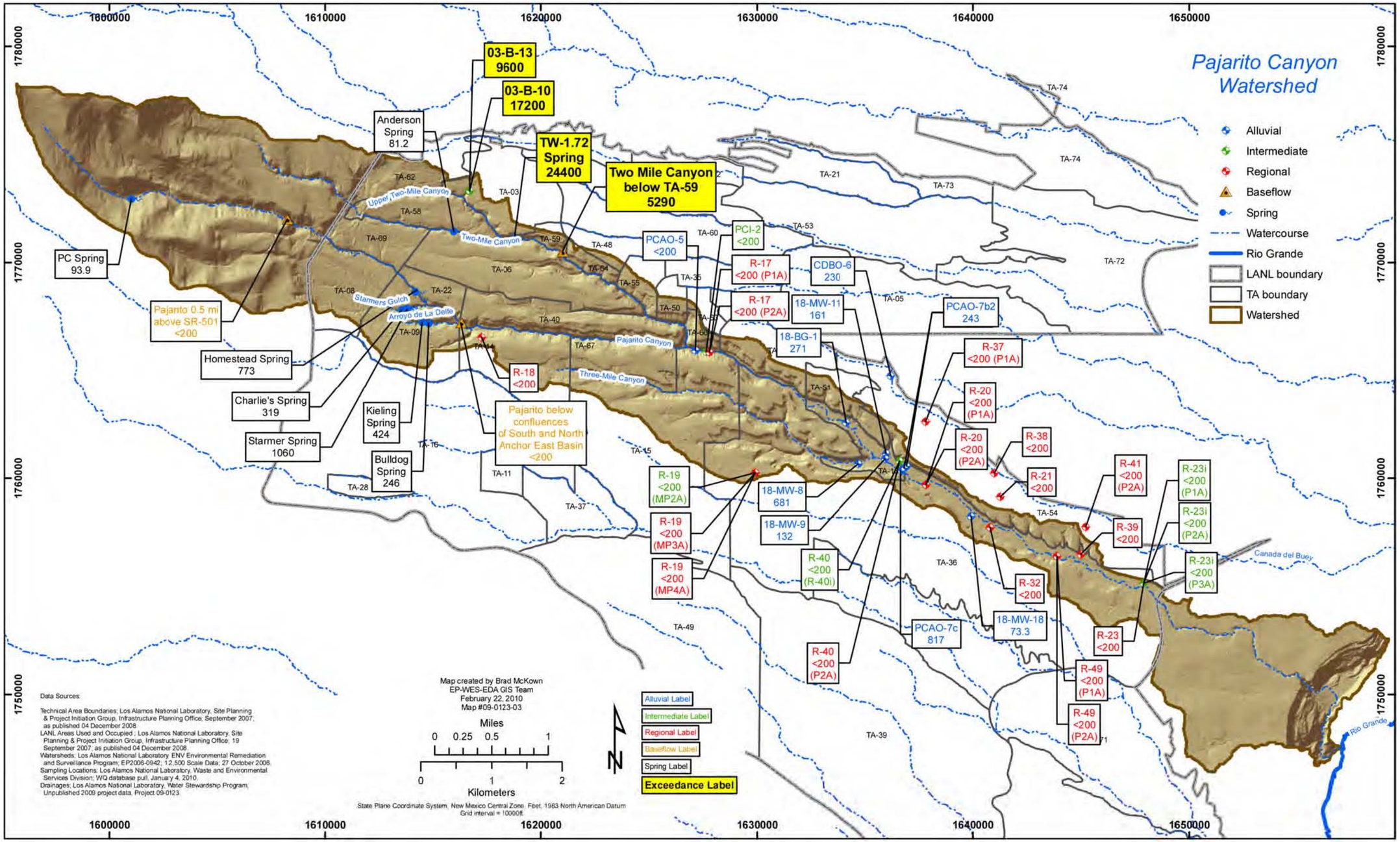
Note: EPA MCL unfiltered lead screening level = 15 µg/L.

Figure 4.2-2 Watershed unfiltered lead concentrations in µg/L



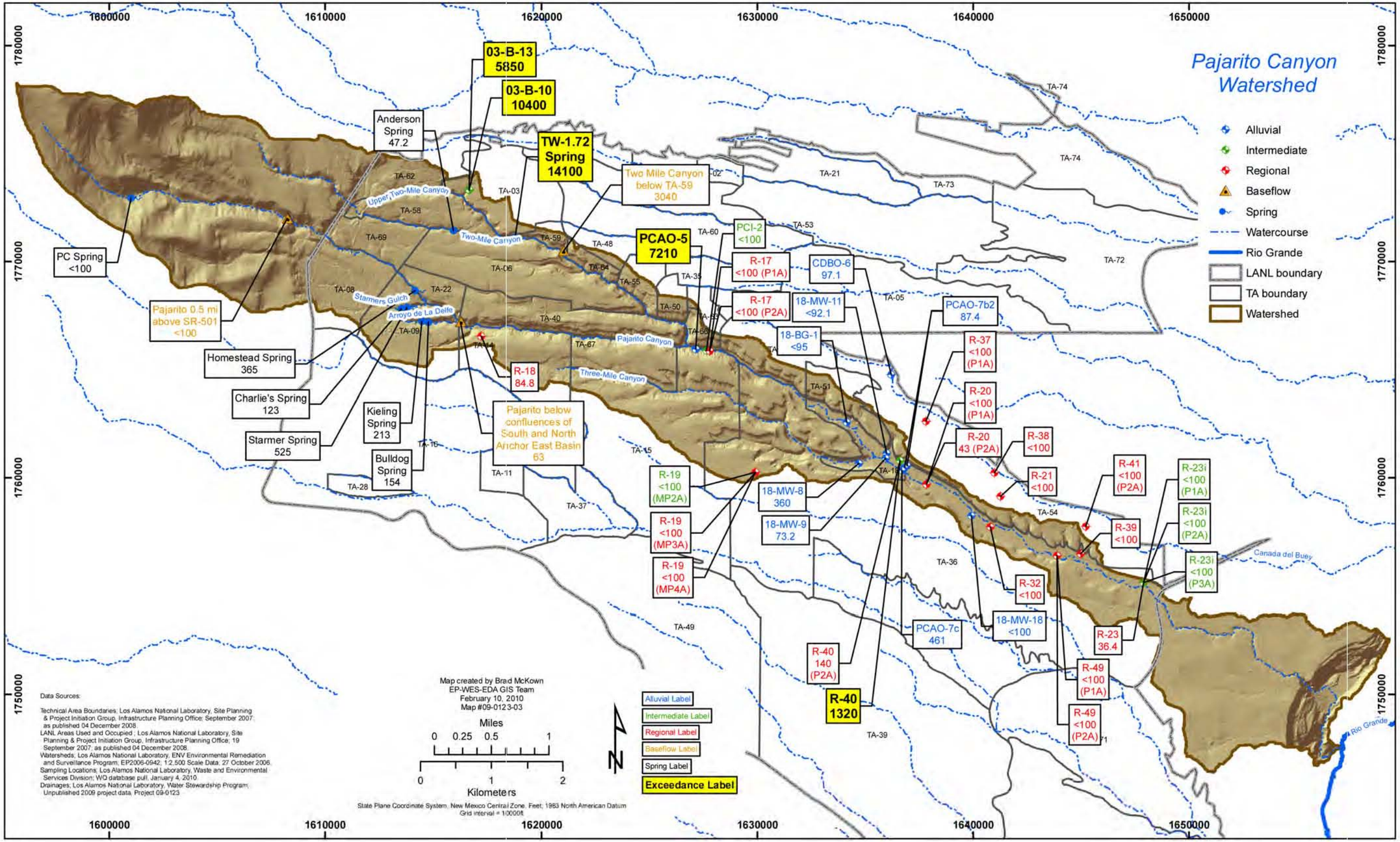
Note: NMWQCC groundwater filtered manganese screening level = 200 µg/L.

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



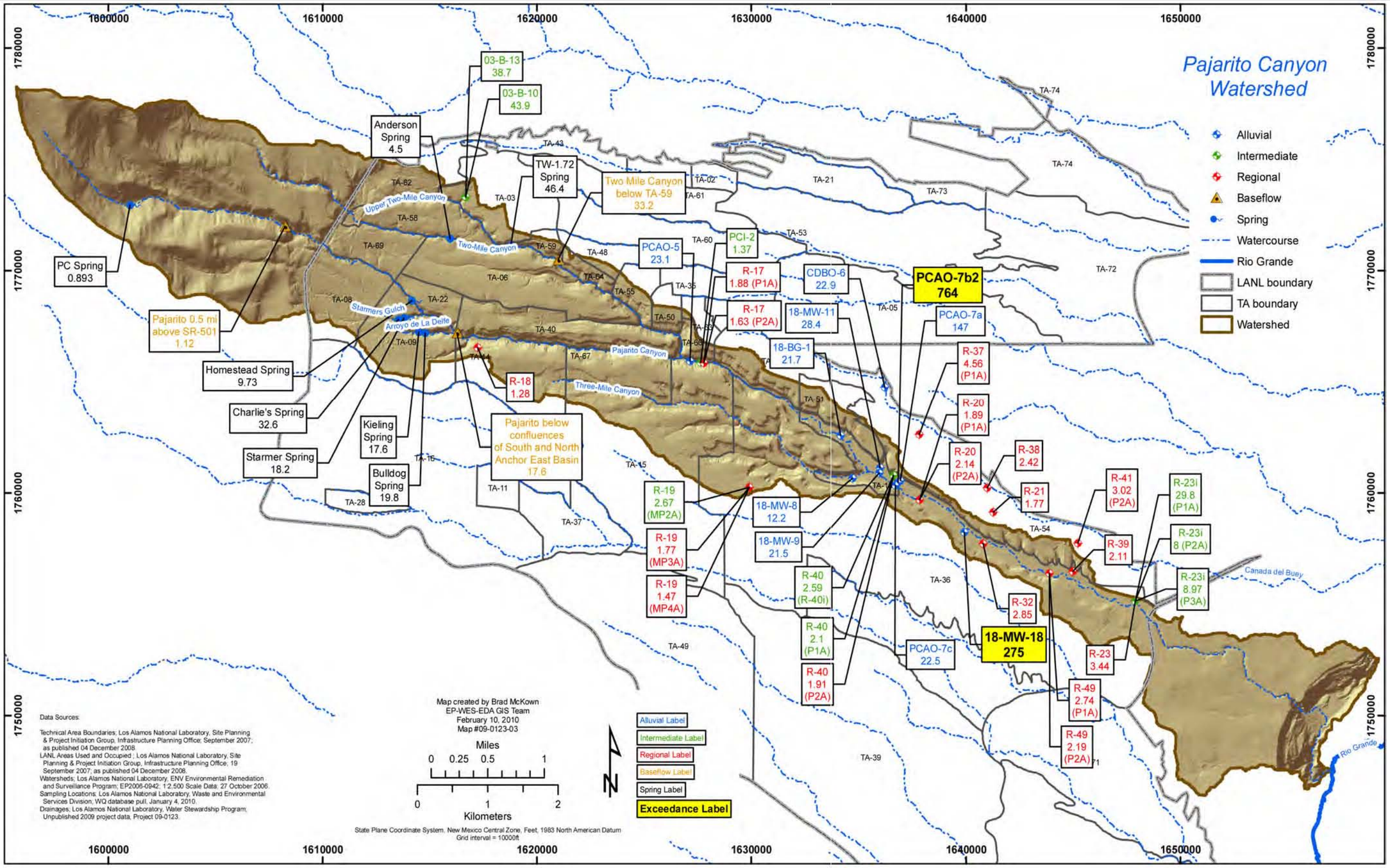
Note: NMWQCC groundwater filtered aluminum screening level = 5000 µg/L.

Figure 4.2-4 Watershed filtered aluminum concentrations in µg/L



Note: NMWQCC groundwater filtered iron screening level = 1000 µg/L.

Figure 4.2-5 Watershed filtered iron concentrations in µg/L



Note: NMWQCC groundwater filtered chloride screening level = 250 µg/L.

Figure 4.2-6 Watershed filtered chloride 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											
Pajarito 0.5 mi above SR-501	17-Sep-09	n/a[b]	n/a	n/a	n/a	n/a	n/a	n/a	44.8	n/a	n/a
Pajarito above Twomile (PBF-4)	17-Sep-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry[c]	n/a	n/a
Pajarito below confluences of South and North Anchor East Basin (PBF-1)	15-Sep-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	4.5	n/a	n/a
Pajarito below TA-18 (PBF-5)	15-Sep-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry	n/a	n/a
Two Mile Canyon below TA-59 (PBF-2)	17-Sep-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	35.9	n/a	n/a
Twomile above Pajarito (PBF-3)	17-Sep-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry	n/a	n/a
Springs											
Anderson Spring	15-Sep-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Not Recorded	n/a	n/a
Bulldog Spring	15-Sep-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.58	n/a	n/a
Charlie's Spring	16-Sep-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.079	n/a	n/a
Homestead Spring	16-Sep-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2.18	n/a	n/a
Kieling Spring	15-Sep-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.39	n/a	n/a
PC Spring	17-Sep-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.5	n/a	n/a
Starmer Spring	16-Sep-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2	n/a	n/a
TA-18 Spring	15-Sep-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Dry	n/a	n/a
Threemile Spring	15-Sep-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
TW-1.72 Spring	16-Sep-09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Not recorded	n/a	n/a
Alluvial											
18-BG-1	3-Sep-09	Single	10	25	10	35	2	5.1	0.0068	6752.01	Manual
18-MW-11	4-Sep-09	Single	27	20	27	47	4.1	7.5	0.018	6718.24	Manual
18-MW-18	2-Sep-09	Single	12.5	10.5	12.5	23	1.7	6.0	0.0222	6642.15	Manual
18-MW-8	8-Sep-09	Single	8	30	8	38	4.1	13.0	0.0060	6733.94	Manual
18-MW-9	9-Sep-09	Single	6	25	6	31	1.4	3.8	0.0060	6721.09	Manual
CDBO-4	7-Sep-09	Single	4.1	8	4.1	12.1	n/a	n/a	n/a	Dry	n/a
CDBO-5	7-Sep-09	Single	7	10	7	17	n/a	n/a	n/a	Dry	n/a
CDBO-6	14-Aug-09	Single	34	10	34	44	2.1	5.6	0.0103	6779.59	Manual
CDBO-7	17-Sep-09	Single	29	10	29	39	1.15	n/a	n/a	Dry	Manual
CDBO-8	7-Sep-09	Single	3	10	3	13	n/a	n/a	n/a	Dry	n/a
CDBO-9	7-Sep-09	Single	19	10	19	29	n/a	n/a	n/a	Dry	n/a
PCAO-5	2-Sep-09	Single	14.7	10	14.7	24.7	16.5	14.5	0.0222	6598.99	Manual
PCAO-6	3-Sep-09	Single	8	7	8	15	8.8	n/a	n/a	Dry	Manual
PCAO-7a	16-Sep-09	Single	9.7	10	9.7	19.7	9.9	6.7	0.0068	6696.96	Manual
PCAO-7b2	14-Sep-09	Single	10	10	10	20	4.9	2.5	0.0086	6695.16	Manual
PCAO-7c	14-Sep-09	Single	9.7	10	9.7	19.7	6.9	17.7	0.0111	6698.52	Manual
PCAO-8	10-Sep-09	Single	9.7	10	9.7	19.7	n/a	3.5	0.0060	6565.21	n/a
PCAO-9	16-Sep-09	Single	6	10	6	16	n/a	n/a	n/a	Dry	n/a
PCI-2	4-Sep-09	Single	512	10	512	522	17.9	62.0	0.0428	6408.07	Manual
PCO-2	31-Aug-09	Single	1.5	8	1.5	9.5	n/a	n/a	n/a	Dry	n/a
3MAO-2	10-Sep-09	Single	14.7	10	14.7	24.7	8.8	n/a	n/a	Dry	Manual
TMO-1	31-Aug-09	Single	3.5	3	3.5	6.5	0.4	n/a	n/a	Dry	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											
03-B-10	11-Sep-09	Single	20.6	10	20.6	30.6	1.8	5.85	0.0094	7438.07	Manual
03-B-13	11-Sep-09	Single	21.5	10	21.5	31.5	1.8	6	0.0094	7437.40	Manual
R-19	10-Sep-09	MP2A	909.3	16.3	893.3	909.6	Limited suite due to low water level	na[d]	na	6169.44	Transducer
R-23i	10-Sep-09	P1A	400.3	19.7	400.3	420	3.2	9.6	0.0599	6122.23	Manual
R-23i	8-Sep-09	P2A	470.2	9.9	470.2	480.1	42.3	127.0	0.0855	6078.43	Manual
R-23i	9-Sep-09	P3A	524	23	524	547	na	236.0	0.1069	6072.23	Manual
R-40	31-Aug-09	R-40i	649.7	19.4	649.7	669.02	11.8	50.0	0.0556	6079.43	Manual
Regional											
R-17	11-Sep-09	P1A	1057	23	1057	1080	41.2	124.0	0.1667	5884.27	Manual
R-17	11-Sep-09	P2A	1124	10	1124	1134	44.5	134.0	0.171	5883.04	Manual
R-18	14-Sep-09	Single	1358	23	1358	1381	96.6	290.0	0.513	6116.90	Manual
R-19	14-Sep-09	MP3B	1191	44	1171.4	1215.4	na	na	na	5886.97	Transducer
R-19	16-Sep-09	MP4A	1413	7.2	1410.2	1417.4	na	na	na	5880.50	Transducer
R-19	18-Sep-09	MP5A	1586	7.2	1582.6	1589.8	na	na	na	5877.60	Transducer
R-19	18-Sep-09	MP6A	1730	7.1	1726.8	1733.9	na	na	na	5868.9	Transducer
R-19	18-Sep-09	MP7A	1835	7.1	1832.4	1839.5	na	na	na	5867.02	Transducer
R-20	2-Sep-09	MP1A	907	7.6	904.6	912.2	76.8	218.2	0.0428	5863.69	Manual
R-20	3-Sep-09	MP2A	1150	7.6	1147.1	1154.7	41.0	134.0	0.1069	5859.82	Manual
R-21	18-Aug-09	Single	888.8	18.0	888.8	906.8	210.06	614.0	0.2562	5854.16	Manual
R-22	Not sampled	MP1A	907.1	41.9	872.3	914.2	na	na	na	na	na
R-22	Not sampled	MP2A	962.8	41.9	947	988.9	na	na	na	na	na
R-22	Not sampled	MP3A	1274	6.7	1272.2	1278.9	na	na	na	na	na

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-22	Not sampled	MP4A	1378	6.7	1378.2	1384.9	na	na	na	na	na
R-22	Not sampled	MP5A	1448	5	1447.3	1452.3	na	na	na	na	na
R-23	3-Sep-09	Single	816	57.2	816	873.2	45.7	241	0.684	5696.88	Manual
R-32	31-Aug-09	MP1A	870.9	7.7	867.5	875.2	89.9	282	0.1283	5852.53	Manual
R-37	20-Aug-09	P1A	929.3	20.7	929.3	950	93.7	281	0.0504	5963.69 (on 7/9/2009)	Manual
R-37	18-Aug-09	P2A	1026	20.6	1026	1046.6	n/a	n/a	n/a	na	n/a
R-38	21-Aug-09	Single	821.2	10	821.2	831.2	44.72	133.6	0.2138	5858.65	Manual
R-39	2-Sep-09	Single	859	10	859	869	49.4	152	0.2562	5753.67	Manual
R-40	4-Sep-09	P1A	751.6	33.5	751.6	785.1	28.7	33.5	0.3506	5954.61	Manual
R-40	3-Sep-09	P2A	849.3	20.7	849.27	870	41.4	128.0	0.171	5464.81	Manual
R-41	16-Sep-09	P1A	928	9.7	928	937.7	na	na	na	na	na
R-41	1-Sep-09	P2A	965.3	9.7	965.3	975	50.9	183.0	0.2562	5699.39	Manual
R-49	1-Sep-09	P1A	845	10	845	855	80.1	250.0	0.1881	6584.54	Manual
R-49	1-Sep-09	P2A	905.6	20.8	905.6	926.4	57.9	190.0	0.1881	5751.13	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

Location	Deviation	Cause	Comment
TMO-1, PCO-2	No data are included in this report for these locations.	These locations could not be sampled on 08/31/09 because they were dry.	Locations will be checked again during next scheduled sampling round.
PCAO-6	No data are included in this report for this location.	This location could not be sampled on 09/03/09 because it was dry.	Location will be checked again during next scheduled sampling round.
CDBO-4, CDBO-5,CDBO-8, CDBO-9	No data are included in this report for these locations.	These locations could not be sampled on 09/07/09 because they were dry.	Locations will be checked again during next scheduled sampling round.
3MAO-2	No data are included in this report for this location.	This location could not be sampled on 09/10/09 because it was dry.	Location will be checked again during next scheduled sampling round.
Pajarito below TA-18 (PBF-5), TA-18 Spring, Threemile Spring	No data are included in this report for these locations.	These locations could not be sampled on 09/15/09 because they were dry.	Locations will be checked again during next scheduled sampling round.
PCAO-9, R-41, Screen 1	No data are included in this report for these locations.	These locations could not be sampled on 09/16/09 because they were dry.	Locations will be checked again during next scheduled sampling round.
CDBO-7, Pajarito above Twomile (PBF4), Twomile above Pajarito (PBF3)	No data are included in this report for these locations.	These locations could not be sampled on 09/17/09 because they were dry.	Locations will be checked again during next scheduled sampling round.
18-MW-18	Limited data are included in this report for this location.	Limited analytical suite was collected on 09/02/09 due to low water volume.	Location will be checked again during next scheduled sampling round.
R-40, Screen 1	Limited data are included in this report for this location.	Limited analytical suite was collected on 09/04/09 due to low water volume.	Location will be checked again during next scheduled sampling round.
18-MW-9	Limited data are included in this report for this location.	Limited analytical suite was collected on 09/09/09 due to low water volume.	Location will be checked again during next scheduled sampling round.
PCAO-8, R-19 Screen 2	Limited data are included in this report for these locations.	Limited analytical suite was collected on 09/10/09 due to low water volume.	Location will be checked again during next scheduled sampling round.
PCAO-7b2	Limited data are included in this report for this location.	Limited analytical suite was collected on 09/14/09 due to low water volume.	Location will be checked again during next scheduled sampling round.
PCAO-7a	Limited data are included in this report for this location.	Limited analytical suite was collected on 09/16/09 due to low water volume.	Location will be checked again during next scheduled sampling round.
R-19, Screens 5-7	No data are included in this report for this location.	Samples cancelled by Tim Goering on 09/18/2009.	Location will be checked again during next scheduled sampling round.
R-22, Screens 1, 2, 3, 4, and 5	No data are included in this report for this location.	This location could not be sampled because the well was undergoing rehabilitation.	Sampling status is indeterminate.

Table 3.4-1 (continued)

Location	Deviation	Cause	Comment
R-37, Screen 2	No data are included in this report for this location	There was no pump installed on 08/18/2009	Location will be sampled after pump is installed.

Table 3.4-2
Analytes with PQLs and MDLs above Screening Level Value

Analytical Suite Code	Analyte	PQL[a]	MDL[b]	Unit	Screening-Level Value	Screening Level
SVOA[c]	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[d]	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[e]	Neptunium-237	n/a[f]	40	pCi/L	30	DOE DCG

Note: This table is applicable to all samples reported in all periodic monitoring reports.

[a] PQL = Practical quantitation limit.

[b] MDL = Method detection limit.

[c] SVOA = Semivolatile organic analysis.

[d] VOA = Volatile organic analysis.

[e] RAD = Radionuclide.

[f] 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 Tap Water Screening Level	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
NMQCC 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 Surface Water and Groundwater

Location	Date	Analyte	Field Preparation	Result	Units	Screening-Level Value	Screening-Level Source
Surface Water, Previous Event							
Two Mile Canyon below TA-59	09/17/09	Al	F[a]	5290	µg/L	750	NM Aquatic Acute
Alluvial Groundwater							
PCAO-7b2	09/15/09	Cl(-1)	F	764	µg/L	250	NM GW STD
18-MW-18	09/02/09	Cl(-1)	F	275	µg/L	250	NM GW STD
PCAO-7b2	09/15/09	Total Dissolved Solids	F	1690	µg/L	1000	NM GW STD
TW-1.72 Spring	09/16/09	Al	F	24,400	µg/L	5000	NM GW STD
TW-1.72 Spring	09/16/09	Fe	F	14,100	µg/L	1000	NM GW STD
PCAO-5	09/02/09	Fe	F	7210	µg/L	1000	NM GW STD
PCAO-5	09/02/09	Mn	F	9570	µg/L	200	NM GW STD
PCAO-7b2	09/15/09	Ba	F	1740	µg/L	1000	NM GW STD
Intermediate Groundwater							
03-B-10	09/14/09	Al	F	17,200	µg/L	5000	NM GW STD
03-B-10	09/14/09	Fe	F	10,400	µg/L	1000	NM GW STD
03-B-10	09/14/09	Pb	UF[b]	17.4	µg/L	15	EPA PRIM DW STD
03-B-13	09/11/09	Al	F	9600	µg/L	5000	NM GW STD
03-B-13	09/11/09	Fe	F	5850	µg/L	1000	NM GW STD
03-B-13	09/11/09	Pb	UF	16.9	µg/L	15	EPA PRIM DW STD
R-40	08/31/09	Fe	F	1320	µg/L	1000	NM GW STD
R-40	08/31/09	Mn	F	313	µg/L	200	NM GW STD
03-B-10	09/14/09	Trichloroethane[1,1,1-]	UF	87.8	µg/L	60	NM GW STD
03-B-13	09/11/09	Trichloroethane[1,1,1-]	UF	65.1	µg/L	60	NM GW STD

[a] F = Filtered.

[b] UF = Unfiltered.

Appendix A

Field Parameter Results

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
03-B-10	7661	20.6	9/14/2009	WG	Dissolved Oxygen	3.68	mg/L	CAPA-09-13191
03-B-10	7661	20.6	6/10/2009	WG	Dissolved Oxygen	1.27	mg/L	CAPA-09-9337
03-B-10	7661	20.6	3/11/2009	WG	Dissolved Oxygen	2.28	mg/L	CAPA-09-4127
03-B-10	7661	20.6	12/18/2008	WG	Dissolved Oxygen	5.15	mg/L	CAPA-09-1173
03-B-10	7661	20.6	9/18/2008	WG	Dissolved Oxygen	0.1	mg/L	CAPA-08-15020
03-B-10	7661	20.6	9/14/2009	WG	Oxidation Reduction Potential	166.4	mV	CAPA-09-13191
03-B-10	7661	20.6	6/10/2009	WG	Oxidation Reduction Potential	196.8	mV	CAPA-09-9337
03-B-10	7661	20.6	3/11/2009	WG	Oxidation Reduction Potential	275	mV	CAPA-09-4127
03-B-10	7661	20.6	12/18/2008	WG	Oxidation Reduction Potential	278.4	mV	CAPA-09-1173
03-B-10	7661	20.6	9/18/2008	WG	Oxidation Reduction Potential	14	mV	CAPA-08-15020
03-B-10	7661	20.6	9/14/2009	WG	Specific Conductance	268	µS/cm	CAPA-09-13191
03-B-10	7661	20.6	6/10/2009	WG	Specific Conductance	492	µS/cm	CAPA-09-9337
03-B-10	7661	20.6	3/11/2009	WG	Specific Conductance	623	µS/cm	CAPA-09-4127
03-B-10	7661	20.6	9/14/2009	WG	Temperature	13.78	deg C	CAPA-09-13191
03-B-10	7661	20.6	6/10/2009	WG	Temperature	13.09	deg C	CAPA-09-9337
03-B-10	7661	20.6	3/11/2009	WG	Temperature	13.21	deg C	CAPA-09-4127
03-B-10	7661	20.6	12/18/2008	WG	Temperature	12.85	deg C	CAPA-09-1173
03-B-10	7661	20.6	9/18/2008	WG	Temperature	13.9	deg C	CAPA-08-15020
03-B-10	7661	20.6	9/14/2009	WG	pH	6.1	SU	CAPA-09-13191
03-B-10	7661	20.6	6/10/2009	WG	pH	5.96	SU	CAPA-09-9337
03-B-10	7661	20.6	3/11/2009	WG	pH	5.99	SU	CAPA-09-4127
03-B-13	7671	21.5	9/11/2009	WG	Dissolved Oxygen	0.39	mg/L	CAPA-09-12149
03-B-13	7671	21.5	6/10/2009	WG	Dissolved Oxygen	1.59	mg/L	CAPA-09-9341
03-B-13	7671	21.5	3/11/2009	WG	Dissolved Oxygen	218	mg/L	CAPA-09-4132
03-B-13	7671	21.5	12/18/2008	WG	Dissolved Oxygen	5.42	mg/L	CAPA-09-1180
03-B-13	7671	21.5	9/18/2008	WG	Dissolved Oxygen	0.1	mg/L	CAPA-08-15026
03-B-13	7671	21.5	9/11/2009	WG	Oxidation Reduction Potential	163.5	mV	CAPA-09-12149
03-B-13	7671	21.5	6/10/2009	WG	Oxidation Reduction Potential	232	mV	CAPA-09-9341

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
03-B-13	7671	21.5	3/11/2009	WG	Oxidation Reduction Potential	153.8	mV	CAPA-09-4132
03-B-13	7671	21.5	12/18/2008	WG	Oxidation Reduction Potential	253.3	mV	CAPA-09-1180
03-B-13	7671	21.5	9/18/2008	WG	Oxidation Reduction Potential	-11	mV	CAPA-08-15026
03-B-13	7671	21.5	9/11/2009	WG	Specific Conductance	198	µS/cm	CAPA-09-12149
03-B-13	7671	21.5	6/10/2009	WG	Specific Conductance	442	µS/cm	CAPA-09-9341
03-B-13	7671	21.5	3/11/2009	WG	Specific Conductance	532	µS/cm	CAPA-09-4132
03-B-13	7671	21.5	9/11/2009	WG	Temperature	13.54	deg C	CAPA-09-12149
03-B-13	7671	21.5	6/10/2009	WG	Temperature	12.87	deg C	CAPA-09-9341
03-B-13	7671	21.5	3/11/2009	WG	Temperature	13.32	deg C	CAPA-09-4132
03-B-13	7671	21.5	12/18/2008	WG	Temperature	12.83	deg C	CAPA-09-1180
03-B-13	7671	21.5	9/18/2008	WG	Temperature	13.3	deg C	CAPA-08-15026
03-B-13	7671	21.5	9/11/2009	WG	Turbidity	121	NTU	CAPA-09-12149
03-B-13	7671	21.5	6/10/2009	WG	Turbidity	1000	NTU	CAPA-09-9341
03-B-13	7671	21.5	3/11/2009	WG	Turbidity	55.4	NTU	CAPA-09-4132
03-B-13	7671	21.5	12/18/2008	WG	Turbidity	74.6	NTU	CAPA-09-1180
03-B-13	7671	21.5	9/18/2008	WG	Turbidity	32.9	NTU	CAPA-08-15026
03-B-13	7671	21.5	9/11/2009	WG	pH	5.73	SU	CAPA-09-12149
03-B-13	7671	21.5	6/10/2009	WG	pH	5.89	SU	CAPA-09-9341
03-B-13	7671	21.5	3/11/2009	WG	pH	5.95	SU	CAPA-09-4132
18-BG-1	5741	10	9/3/2009	WG	Dissolved Oxygen	6.29	mg/L	CAPA-09-12311
18-BG-1	5741	10	5/29/2009	WG	Dissolved Oxygen	10.13	mg/L	CAPA-09-9309
18-BG-1	5741	10	2/26/2009	WG	Dissolved Oxygen	6.43	mg/L	CAPA-09-4100
18-BG-1	5741	10	12/8/2008	WG	Dissolved Oxygen	5.4	mg/L	CAPA-09-1117
18-BG-1	5741	10	9/11/2008	WG	Dissolved Oxygen	6.65	mg/L	CAPA-08-14940
18-BG-1	5741	10	9/3/2009	WG	Oxidation Reduction Potential	263.3	mV	CAPA-09-12311
18-BG-1	5741	10	5/29/2009	WG	Oxidation Reduction Potential	387.3	mV	CAPA-09-9309
18-BG-1	5741	10	2/26/2009	WG	Oxidation Reduction Potential	333.6	mV	CAPA-09-4100
18-BG-1	5741	10	12/8/2008	WG	Oxidation Reduction Potential	186	mV	CAPA-09-1117

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
18-BG-1	5741	10	9/11/2008	WG	Oxidation Reduction Potential	281	mV	CAPA-08-14940
18-BG-1	5741	10	9/3/2009	WG	Specific Conductance	161	µS/cm	CAPA-09-12311
18-BG-1	5741	10	5/29/2009	WG	Specific Conductance	165	µS/cm	CAPA-09-9309
18-BG-1	5741	10	2/26/2009	WG	Specific Conductance	142	µS/cm	CAPA-09-4100
18-BG-1	5741	10	12/8/2008	WG	Specific Conductance	144	µS/cm	CAPA-09-1117
18-BG-1	5741	10	9/11/2008	WG	Specific Conductance	182.7	µS/cm	CAPA-08-14940
18-BG-1	5741	10	9/3/2009	WG	Temperature	11.77	deg C	CAPA-09-12311
18-BG-1	5741	10	5/29/2009	WG	Temperature	11.16	deg C	CAPA-09-9309
18-BG-1	5741	10	2/26/2009	WG	Temperature	11.08	deg C	CAPA-09-4100
18-BG-1	5741	10	12/8/2008	WG	Temperature	11.22	deg C	CAPA-09-1117
18-BG-1	5741	10	9/11/2008	WG	Temperature	12	deg C	CAPA-08-14940
18-BG-1	5741	10	9/3/2009	WG	Turbidity	10.8	NTU	CAPA-09-12311
18-BG-1	5741	10	5/29/2009	WG	Turbidity	6.66	NTU	CAPA-09-9309
18-BG-1	5741	10	2/26/2009	WG	Turbidity	22	NTU	CAPA-09-4100
18-BG-1	5741	10	12/8/2008	WG	Turbidity	6.48	NTU	CAPA-09-1117
18-BG-1	5741	10	9/11/2008	WG	Turbidity	10.4	NTU	CAPA-08-14940
18-BG-1	5741	10	9/3/2009	WG	pH	6.3	SU	CAPA-09-12311
18-BG-1	5741	10	5/29/2009	WG	pH	6.19	SU	CAPA-09-9309
18-BG-1	5741	10	2/26/2009	WG	pH	6.13	SU	CAPA-09-4100
18-BG-1	5741	10	12/8/2008	WG	pH	6.25	SU	CAPA-09-1117
18-BG-1	5741	10	9/11/2008	WG	pH	6.4	SU	CAPA-08-14940
18-MW-11	7971	27	9/4/2009	WG	Dissolved Oxygen	6.74	mg/L	CAPA-09-12130
18-MW-11	7971	27	5/28/2009	WG	Dissolved Oxygen	7.41	mg/L	CAPA-09-9319
18-MW-11	7971	27	3/5/2009	WG	Dissolved Oxygen	6.13	mg/L	CAPA-09-4108
18-MW-11	7971	27	12/9/2008	WG	Dissolved Oxygen	4.62	mg/L	CAPA-09-1127
18-MW-11	7971	27	9/15/2008	WG	Dissolved Oxygen	4.2	mg/L	CAPA-08-14953
18-MW-11	7971	27	9/4/2009	WG	Oxidation Reduction Potential	335.3	mV	CAPA-09-12130
18-MW-11	7971	27	5/28/2009	WG	Oxidation Reduction Potential	295.3	mV	CAPA-09-9319

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
18-MW-11	7971	27	3/5/2009	WG	Oxidation Reduction Potential	281.5	mV	CAPA-09-4108
18-MW-11	7971	27	12/9/2008	WG	Oxidation Reduction Potential	372.8	mV	CAPA-09-1127
18-MW-11	7971	27	9/15/2008	WG	Oxidation Reduction Potential	262	mV	CAPA-08-14953
18-MW-11	7971	27	9/4/2009	WG	Specific Conductance	222	µS/cm	CAPA-09-12130
18-MW-11	7971	27	5/28/2009	WG	Specific Conductance	220	µS/cm	CAPA-09-9319
18-MW-11	7971	27	3/5/2009	WG	Specific Conductance	183	µS/cm	CAPA-09-4108
18-MW-11	7971	27	12/9/2008	WG	Specific Conductance	193	µS/cm	CAPA-09-1127
18-MW-11	7971	27	9/15/2008	WG	Specific Conductance	204	µS/cm	CAPA-08-14953
18-MW-11	7971	27	9/4/2009	WG	Temperature	13.7	deg C	CAPA-09-12130
18-MW-11	7971	27	5/28/2009	WG	Temperature	13.42	deg C	CAPA-09-9319
18-MW-11	7971	27	3/5/2009	WG	Temperature	13.73	deg C	CAPA-09-4108
18-MW-11	7971	27	12/9/2008	WG	Temperature	13.35	deg C	CAPA-09-1127
18-MW-11	7971	27	9/15/2008	WG	Temperature	13.8	deg C	CAPA-08-14953
18-MW-11	7971	27	9/4/2009	WG	Turbidity	3.5	NTU	CAPA-09-12130
18-MW-11	7971	27	5/28/2009	WG	Turbidity	7.38	NTU	CAPA-09-9319
18-MW-11	7971	27	3/5/2009	WG	Turbidity	3.88	NTU	CAPA-09-4108
18-MW-11	7971	27	12/9/2008	WG	Turbidity	3.99	NTU	CAPA-09-1127
18-MW-11	7971	27	9/15/2008	WG	Turbidity	5.94	NTU	CAPA-08-14953
18-MW-11	7971	27	9/4/2009	WG	pH	6.31	SU	CAPA-09-12130
18-MW-11	7971	27	5/28/2009	WG	pH	6.37	SU	CAPA-09-9319
18-MW-11	7971	27	3/5/2009	WG	pH	6.15	SU	CAPA-09-4108
18-MW-11	7971	27	12/9/2008	WG	pH	6.32	SU	CAPA-09-1127
18-MW-11	7971	27	9/15/2008	WG	pH	6.54	SU	CAPA-08-14953
18-MW-18	5311	12.5	9/2/2009	WG	Dissolved Oxygen	6.16	mg/L	CAPA-09-12138
18-MW-18	5311	12.5	5/29/2009	WG	Dissolved Oxygen	11.01	mg/L	CAPA-09-9327
18-MW-18	5311	12.5	3/2/2009	WG	Dissolved Oxygen	6.99	mg/L	CAPA-09-4115
18-MW-18	5311	12.5	12/11/2008	WG	Dissolved Oxygen	2.11	mg/L	CAPA-09-1131
18-MW-18	5311	12.5	9/12/2008	WG	Dissolved Oxygen	6.09	mg/L	CAPA-08-14955

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
18-MW-18	5311	12.5	9/2/2009	WG	Oxidation Reduction Potential	151.2	mV	CAPA-09-12138
18-MW-18	5311	12.5	5/29/2009	WG	Oxidation Reduction Potential	259.4	mV	CAPA-09-9327
18-MW-18	5311	12.5	3/2/2009	WG	Oxidation Reduction Potential	436.1	mV	CAPA-09-4115
18-MW-18	5311	12.5	12/11/2008	WG	Oxidation Reduction Potential	334	mV	CAPA-09-1131
18-MW-18	5311	12.5	9/12/2008	WG	Oxidation Reduction Potential	213	mV	CAPA-08-14955
18-MW-18	5311	12.5	9/2/2009	WG	Specific Conductance	1023	µS/cm	CAPA-09-12138
18-MW-18	5311	12.5	5/29/2009	WG	Specific Conductance	1104	µS/cm	CAPA-09-9327
18-MW-18	5311	12.5	3/2/2009	WG	Specific Conductance	868	µS/cm	CAPA-09-4115
18-MW-18	5311	12.5	9/2/2009	WG	Temperature	14.64	deg C	CAPA-09-12138
18-MW-18	5311	12.5	5/29/2009	WG	Temperature	11.89	deg C	CAPA-09-9327
18-MW-18	5311	12.5	3/2/2009	WG	Temperature	11.94	deg C	CAPA-09-4115
18-MW-18	5311	12.5	12/11/2008	WG	Temperature	13.92	deg C	CAPA-09-1131
18-MW-18	5311	12.5	9/12/2008	WG	Temperature	15.4	deg C	CAPA-08-14955
18-MW-18	5311	12.5	9/2/2009	WG	Turbidity	0.75	NTU	CAPA-09-12138
18-MW-18	5311	12.5	5/29/2009	WG	Turbidity	2.8	NTU	CAPA-09-9327
18-MW-18	5311	12.5	3/2/2009	WG	Turbidity	0.39	NTU	CAPA-09-4115
18-MW-18	5311	12.5	12/11/2008	WG	Turbidity	1.19	NTU	CAPA-09-1131
18-MW-18	5311	12.5	9/12/2008	WG	Turbidity	3.35	NTU	CAPA-08-14955
18-MW-18	5311	12.5	9/2/2009	WG	pH	6.61	SU	CAPA-09-12138
18-MW-18	5311	12.5	5/29/2009	WG	pH	6.44	SU	CAPA-09-9327
18-MW-18	5311	12.5	3/2/2009	WG	pH	5.93	SU	CAPA-09-4115
18-MW-8	5781	8	9/8/2009	WG	Dissolved Oxygen	6.75	mg/L	CAPA-09-12136
18-MW-8	5781	8	5/28/2009	WG	Dissolved Oxygen	7.64	mg/L	CAPA-09-9322
18-MW-8	5781	8	2/26/2009	WG	Dissolved Oxygen	7.66	mg/L	CAPA-09-4111
18-MW-8	5781	8	12/8/2008	WG	Dissolved Oxygen	4.72	mg/L	CAPA-09-1130
18-MW-8	5781	8	9/15/2008	WG	Dissolved Oxygen	1.3	mg/L	CAPA-08-14951
18-MW-8	5781	8	9/8/2009	WG	Oxidation Reduction Potential	227.2	mV	CAPA-09-12136
18-MW-8	5781	8	5/28/2009	WG	Oxidation Reduction Potential	246.3	mV	CAPA-09-9322

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
18-MW-8	5781	8	2/26/2009	WG	Oxidation Reduction Potential	338	mV	CAPA-09-4111
18-MW-8	5781	8	12/8/2008	WG	Oxidation Reduction Potential	282	mV	CAPA-09-1130
18-MW-8	5781	8	9/15/2008	WG	Oxidation Reduction Potential	362	mV	CAPA-08-14951
18-MW-8	5781	8	9/8/2009	WG	Specific Conductance	144	µS/cm	CAPA-09-12136
18-MW-8	5781	8	5/28/2009	WG	Specific Conductance	146	µS/cm	CAPA-09-9322
18-MW-8	5781	8	2/26/2009	WG	Specific Conductance	141	µS/cm	CAPA-09-4111
18-MW-8	5781	8	12/8/2008	WG	Specific Conductance	154	µS/cm	CAPA-09-1130
18-MW-8	5781	8	9/15/2008	WG	Specific Conductance	208	µS/cm	CAPA-08-14951
18-MW-8	5781	8	9/8/2009	WG	Temperature	12.5	deg C	CAPA-09-12136
18-MW-8	5781	8	5/28/2009	WG	Temperature	10.88	deg C	CAPA-09-9322
18-MW-8	5781	8	2/26/2009	WG	Temperature	9.8	deg C	CAPA-09-4111
18-MW-8	5781	8	12/8/2008	WG	Temperature	11.27	deg C	CAPA-09-1130
18-MW-8	5781	8	9/15/2008	WG	Temperature	12.7	deg C	CAPA-08-14951
18-MW-8	5781	8	9/8/2009	WG	Turbidity	7.13	NTU	CAPA-09-12136
18-MW-8	5781	8	5/28/2009	WG	Turbidity	7.78	NTU	CAPA-09-9322
18-MW-8	5781	8	2/26/2009	WG	Turbidity	4.48	NTU	CAPA-09-4111
18-MW-8	5781	8	12/8/2008	WG	Turbidity	4.05	NTU	CAPA-09-1130
18-MW-8	5781	8	9/15/2008	WG	Turbidity	4.49	NTU	CAPA-08-14951
18-MW-8	5781	8	9/8/2009	WG	pH	6.27	SU	CAPA-09-12136
18-MW-8	5781	8	5/28/2009	WG	pH	6.33	SU	CAPA-09-9322
18-MW-8	5781	8	2/26/2009	WG	pH	6.08	SU	CAPA-09-4111
18-MW-8	5781	8	12/8/2008	WG	pH	6.23	SU	CAPA-09-1130
18-MW-8	5781	8	9/15/2008	WG	pH	6.42	SU	CAPA-08-14951
18-MW-9	5791	6	9/9/2009	WG	Dissolved Oxygen	4.64	mg/L	CAPA-09-12125
18-MW-9	5791	6	5/27/2009	WG	Dissolved Oxygen	4.93	mg/L	CAPA-09-9313
18-MW-9	5791	6	3/5/2009	WG	Dissolved Oxygen	3.86	mg/L	CAPA-09-4104
18-MW-9	5791	6	12/10/2008	WG	Dissolved Oxygen	4.31	mg/L	CAPA-09-1122
18-MW-9	5791	6	9/11/2008	WG	Dissolved Oxygen	4.98	mg/L	CAPA-08-14946

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
18-MW-9	5791	6	9/9/2009	WG	Oxidation Reduction Potential	332.2	mV	CAPA-09-12125
18-MW-9	5791	6	5/27/2009	WG	Oxidation Reduction Potential	302.3	mV	CAPA-09-9313
18-MW-9	5791	6	3/5/2009	WG	Oxidation Reduction Potential	364.2	mV	CAPA-09-4104
18-MW-9	5791	6	12/10/2008	WG	Oxidation Reduction Potential	328	mV	CAPA-09-1122
18-MW-9	5791	6	9/11/2008	WG	Oxidation Reduction Potential	290	mV	CAPA-08-14946
18-MW-9	5791	6	9/9/2009	WG	Specific Conductance	205	µS/cm	CAPA-09-12125
18-MW-9	5791	6	5/27/2009	WG	Specific Conductance	185	µS/cm	CAPA-09-9313
18-MW-9	5791	6	3/5/2009	WG	Specific Conductance	176	µS/cm	CAPA-09-4104
18-MW-9	5791	6	12/10/2008	WG	Specific Conductance	197	µS/cm	CAPA-09-1122
18-MW-9	5791	6	9/9/2009	WG	Temperature	14.09	deg C	CAPA-09-12125
18-MW-9	5791	6	5/27/2009	WG	Temperature	11.32	deg C	CAPA-09-9313
18-MW-9	5791	6	3/5/2009	WG	Temperature	12.07	deg C	CAPA-09-4104
18-MW-9	5791	6	12/10/2008	WG	Temperature	12.76	deg C	CAPA-09-1122
18-MW-9	5791	6	9/11/2008	WG	Temperature	14.5	deg C	CAPA-08-14946
18-MW-9	5791	6	9/9/2009	WG	Turbidity	2.04	NTU	CAPA-09-12125
18-MW-9	5791	6	5/27/2009	WG	Turbidity	10.5	NTU	CAPA-09-9313
18-MW-9	5791	6	3/5/2009	WG	Turbidity	1.82	NTU	CAPA-09-4104
18-MW-9	5791	6	12/10/2008	WG	Turbidity	2.17	NTU	CAPA-09-1122
18-MW-9	5791	6	9/11/2008	WG	Turbidity	3.74	NTU	CAPA-08-14946
18-MW-9	5791	6	9/9/2009	WG	pH	6.26	SU	CAPA-09-12125
18-MW-9	5791	6	5/27/2009	WG	pH	6.22	SU	CAPA-09-9313
18-MW-9	5791	6	3/5/2009	WG	pH	5.98	SU	CAPA-09-4104
18-MW-9	5791	6	12/10/2008	WG	pH	6.25	SU	CAPA-09-1122
Anderson Spring	—	—	9/15/2009	WG	Dissolved Oxygen	7.16	mg/L	CAPA-09-12103
Anderson Spring	—	—	2/27/2009	WG	Dissolved Oxygen	7.43	mg/L	CAPA-09-4080
Anderson Spring	—	—	12/9/2008	WG	Dissolved Oxygen	8.29	mg/L	CAPA-09-1098
Anderson Spring	—	—	9/10/2008	WG	Dissolved Oxygen	7.3	mg/L	CAPA-08-14916
Anderson Spring	—	—	6/10/2008	WG	Dissolved Oxygen	8.77	mg/L	CAPA-08-13058

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Anderson Spring	—	—	9/15/2009	WG	Specific Conductance	761	µS/cm	CAPA-09-12103
Anderson Spring	—	—	2/27/2009	WG	Specific Conductance	83	µS/cm	CAPA-09-4080
Anderson Spring	—	—	12/9/2008	WG	Specific Conductance	182	µS/cm	CAPA-09-1098
Anderson Spring	—	—	9/10/2008	WG	Specific Conductance	137.7	µS/cm	CAPA-08-14916
Anderson Spring	—	—	6/10/2008	WG	Specific Conductance	179.2	µS/cm	CAPA-08-13058
Anderson Spring	—	—	9/15/2009	WG	Temperature	15.32	deg C	CAPA-09-12103
Anderson Spring	—	—	2/27/2009	WG	Temperature	10.89	deg C	CAPA-09-4080
Anderson Spring	—	—	12/9/2008	WG	Temperature	11.21	deg C	CAPA-09-1098
Anderson Spring	—	—	9/10/2008	WG	Temperature	12.4	deg C	CAPA-08-14916
Anderson Spring	—	—	6/10/2008	WG	Temperature	12.6	deg C	CAPA-08-13058
Anderson Spring	—	—	9/15/2009	WG	Turbidity	2.37	NTU	CAPA-09-12103
Anderson Spring	—	—	2/27/2009	WG	Turbidity	12.9	NTU	CAPA-09-4080
Anderson Spring	—	—	12/9/2008	WG	Turbidity	2.72	NTU	CAPA-09-1098
Anderson Spring	—	—	6/10/2008	WG	Turbidity	76.6	NTU	CAPA-08-13058
Anderson Spring	—	—	3/10/2008	WG	Turbidity	27.6	NTU	CAPA-08-10969
Anderson Spring	—	—	9/15/2009	WG	pH	7.28	SU	CAPA-09-12103
Anderson Spring	—	—	2/27/2009	WG	pH	7.55	SU	CAPA-09-4080
Anderson Spring	—	—	12/9/2008	WG	pH	7.41	SU	CAPA-09-1098
Anderson Spring	—	—	9/10/2008	WG	pH	6.53	SU	CAPA-08-14916
Anderson Spring	—	—	6/10/2008	WG	pH	7	SU	CAPA-08-13058
Bulldog Spring	—	—	9/15/2009	WG	Dissolved Oxygen	8.66	mg/L	CAPA-09-12112
Bulldog Spring	—	—	6/3/2009	WG	Dissolved Oxygen	8.69	mg/L	CAPA-09-9307
Bulldog Spring	—	—	3/6/2009	WG	Dissolved Oxygen	8.77	mg/L	CAPA-09-4090
Bulldog Spring	—	—	12/10/2008	WG	Dissolved Oxygen	8.46	mg/L	CAPA-09-1106
Bulldog Spring	—	—	9/12/2008	WG	Dissolved Oxygen	13.03	mg/L	CAPA-08-14928
Bulldog Spring	—	—	9/15/2009	WG	Specific Conductance	222	µS/cm	CAPA-09-12112
Bulldog Spring	—	—	6/3/2009	WG	Specific Conductance	181	µS/cm	CAPA-09-9307
Bulldog Spring	—	—	3/6/2009	WG	Specific Conductance	212	µS/cm	CAPA-09-4090

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Bulldog Spring	—	—	12/10/2008	WG	Specific Conductance	192	µS/cm	CAPA-09-1106
Bulldog Spring	—	—	9/12/2008	WG	Specific Conductance	243	µS/cm	CAPA-08-14928
Bulldog Spring	—	—	9/15/2009	WG	Temperature	10.13	deg C	CAPA-09-12112
Bulldog Spring	—	—	6/3/2009	WG	Temperature	9.72	deg C	CAPA-09-9307
Bulldog Spring	—	—	3/6/2009	WG	Temperature	8.9	deg C	CAPA-09-4090
Bulldog Spring	—	—	12/10/2008	WG	Temperature	7.86	deg C	CAPA-09-1106
Bulldog Spring	—	—	9/12/2008	WG	Temperature	9.9	deg C	CAPA-08-14928
Bulldog Spring	—	—	9/15/2009	WG	Turbidity	3.8	NTU	CAPA-09-12112
Bulldog Spring	—	—	6/3/2009	WG	Turbidity	6.22	NTU	CAPA-09-9307
Bulldog Spring	—	—	3/6/2009	WG	Turbidity	20.2	NTU	CAPA-09-4090
Bulldog Spring	—	—	12/10/2008	WG	Turbidity	4.62	NTU	CAPA-09-1106
Bulldog Spring	—	—	9/12/2008	WG	Turbidity	8.86	NTU	CAPA-08-14928
Bulldog Spring	—	—	9/15/2009	WG	pH	7.14	SU	CAPA-09-12112
Bulldog Spring	—	—	6/3/2009	WG	pH	6.92	SU	CAPA-09-9307
Bulldog Spring	—	—	3/6/2009	WG	pH	7.08	SU	CAPA-09-4090
Bulldog Spring	—	—	12/10/2008	WG	pH	5.4	SU	CAPA-09-1106
Bulldog Spring	—	—	9/12/2008	WG	pH	7.06	SU	CAPA-08-14928
CDBO-6	5281	34	8/14/2009	WG	Dissolved Oxygen	5.17	mg/L	CAMO-09-9478
CDBO-6	5281	34	5/6/2009	WG	Dissolved Oxygen	5.86	mg/L	CAMO-09-8140
CDBO-6	5281	34	2/11/2009	WG	Dissolved Oxygen	4.54	mg/L	CAMO-09-2410
CDBO-6	5281	34	11/13/2008	WG	Dissolved Oxygen	5.6	mg/L	CAMO-09-753
CDBO-6	5281	34	8/18/2008	WG	Dissolved Oxygen	6.94	mg/L	CAMO-08-14436
CDBO-6	5281	34	8/14/2009	WG	Oxidation Reduction Potential	456.5	mV	CAMO-09-9478
CDBO-6	5281	34	5/6/2009	WG	Oxidation Reduction Potential	328.7	mV	CAMO-09-8140
CDBO-6	5281	34	2/11/2009	WG	Oxidation Reduction Potential	402.1	mV	CAMO-09-2410
CDBO-6	5281	34	11/13/2008	WG	Oxidation Reduction Potential	426	mV	CAMO-09-753
CDBO-6	5281	34	8/18/2008	WG	Oxidation Reduction Potential	316	mV	CAMO-08-14436
CDBO-6	5281	34	8/14/2009	WG	Specific Conductance	185	µS/cm	CAMO-09-9478

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
CDBO-6	5281	34	5/6/2009	WG	Specific Conductance	175	µS/cm	CAMO-09-8140
CDBO-6	5281	34	2/11/2009	WG	Specific Conductance	177	µS/cm	CAMO-09-2410
CDBO-6	5281	34	8/14/2009	WG	Temperature	12.13	deg C	CAMO-09-9478
CDBO-6	5281	34	5/6/2009	WG	Temperature	12.14	deg C	CAMO-09-8140
CDBO-6	5281	34	2/11/2009	WG	Temperature	11.12	deg C	CAMO-09-2410
CDBO-6	5281	34	11/13/2008	WG	Temperature	13.3	deg C	CAMO-09-753
CDBO-6	5281	34	8/18/2008	WG	Temperature	12.7	deg C	CAMO-08-14436
CDBO-6	5281	34	8/14/2009	WG	Turbidity	70.1	NTU	CAMO-09-9478
CDBO-6	5281	34	5/6/2009	WG	Turbidity	29.2	NTU	CAMO-09-8140
CDBO-6	5281	34	2/11/2009	WG	Turbidity	6.64	NTU	CAMO-09-2410
CDBO-6	5281	34	11/13/2008	WG	Turbidity	25.4	NTU	CAMO-09-753
CDBO-6	5281	34	8/18/2008	WG	Turbidity	43.5	NTU	CAMO-08-14436
CDBO-6	5281	34	8/14/2009	WG	pH	6.28	SU	CAMO-09-9478
CDBO-6	5281	34	5/6/2009	WG	pH	6.37	SU	CAMO-09-8140
CDBO-6	5281	34	2/11/2009	WG	pH	6.56	SU	CAMO-09-2410
Charlie's Spring	—	—	9/16/2009	WG	Dissolved Oxygen	8.43	mg/L	CAPA-09-12110
Charlie's Spring	—	—	3/5/2009	WG	Dissolved Oxygen	8.3	mg/L	CAPA-09-4088
Charlie's Spring	—	—	12/4/2008	WG	Dissolved Oxygen	6.25	mg/L	CAPA-09-1088
Charlie's Spring	—	—	9/11/2008	WG	Dissolved Oxygen	8.3	mg/L	CAPA-08-14925
Charlie's Spring	—	—	6/19/2008	WG	Dissolved Oxygen	8.3	mg/L	CAPA-08-13066
Charlie's Spring	—	—	9/16/2009	WG	Specific Conductance	203	µS/cm	CAPA-09-12110
Charlie's Spring	—	—	3/5/2009	WG	Specific Conductance	186	µS/cm	CAPA-09-4088
Charlie's Spring	—	—	12/4/2008	WG	Specific Conductance	266.8	µS/cm	CAPA-09-1088
Charlie's Spring	—	—	9/11/2008	WG	Specific Conductance	507	µS/cm	CAPA-08-14925
Charlie's Spring	—	—	9/16/2009	WG	Temperature	10.11	deg C	CAPA-09-12110
Charlie's Spring	—	—	3/5/2009	WG	Temperature	8.24	deg C	CAPA-09-4088
Charlie's Spring	—	—	12/4/2008	WG	Temperature	8.78	deg C	CAPA-09-1088
Charlie's Spring	—	—	9/11/2008	WG	Temperature	12	deg C	CAPA-08-14925

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Charlie's Spring	—	—	6/19/2008	WG	Temperature	9.8	deg C	CAPA-08-13066
Charlie's Spring	—	—	9/16/2009	WG	Turbidity	37	NTU	CAPA-09-12110
Charlie's Spring	—	—	3/5/2009	WG	Turbidity	23.4	NTU	CAPA-09-4088
Charlie's Spring	—	—	12/4/2008	WG	Turbidity	11.9	NTU	CAPA-09-1088
Charlie's Spring	—	—	9/11/2008	WG	Turbidity	7.2	NTU	CAPA-08-14925
Charlie's Spring	—	—	6/19/2008	WG	Turbidity	4.95	NTU	CAPA-08-13066
Charlie's Spring	—	—	9/16/2009	WG	pH	6.81	SU	CAPA-09-12110
Charlie's Spring	—	—	3/5/2009	WG	pH	3.64	SU	CAPA-09-4088
Charlie's Spring	—	—	12/4/2008	WG	pH	6.67	SU	CAPA-09-1088
Charlie's Spring	—	—	9/11/2008	WG	pH	6.39	SU	CAPA-08-14925
Homestead Spring	—	—	9/16/2009	WG	Dissolved Oxygen	10.6	mg/L	CAPA-09-12094
Homestead Spring	—	—	3/5/2009	WG	Dissolved Oxygen	7.48	mg/L	CAPA-09-4073
Homestead Spring	—	—	12/4/2008	WG	Dissolved Oxygen	5.97	mg/L	CAPA-09-1105
Homestead Spring	—	—	9/11/2008	WG	Dissolved Oxygen	7.25	mg/L	CAPA-08-14909
Homestead Spring	—	—	3/11/2008	WG	Dissolved Oxygen	6.22	mg/L	CAPA-08-10961
Homestead Spring	—	—	9/16/2009	WG	Specific Conductance	113	µS/cm	CAPA-09-12094
Homestead Spring	—	—	3/5/2009	WG	Specific Conductance	120	µS/cm	CAPA-09-4073
Homestead Spring	—	—	12/4/2008	WG	Specific Conductance	129	µS/cm	CAPA-09-1105
Homestead Spring	—	—	9/11/2008	WG	Specific Conductance	324	µS/cm	CAPA-08-14909
Homestead Spring	—	—	6/24/2008	WG	Specific Conductance	106	µS/cm	CAPA-08-13051
Homestead Spring	—	—	9/16/2009	WG	Temperature	11.03	deg C	CAPA-09-12094
Homestead Spring	—	—	3/5/2009	WG	Temperature	10.3	deg C	CAPA-09-4073
Homestead Spring	—	—	12/4/2008	WG	Temperature	8.62	deg C	CAPA-09-1105
Homestead Spring	—	—	9/11/2008	WG	Temperature	10.2	deg C	CAPA-08-14909
Homestead Spring	—	—	6/24/2008	WG	Temperature	10.2	deg C	CAPA-08-13051
Homestead Spring	—	—	9/16/2009	WG	Turbidity	10.5	NTU	CAPA-09-12094
Homestead Spring	—	—	3/5/2009	WG	Turbidity	321	NTU	CAPA-09-4073
Homestead Spring	—	—	12/4/2008	WG	Turbidity	7.73	NTU	CAPA-09-1105

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Homestead Spring	—	—	9/11/2008	WG	Turbidity	9	NTU	CAPA-08-14909
Homestead Spring	—	—	6/24/2008	WG	Turbidity	8.73	NTU	CAPA-08-13051
Homestead Spring	—	—	9/16/2009	WG	pH	7.29	SU	CAPA-09-12094
Homestead Spring	—	—	3/5/2009	WG	pH	6.41	SU	CAPA-09-4073
Homestead Spring	—	—	12/4/2008	WG	pH	6.51	SU	CAPA-09-1105
Homestead Spring	—	—	9/11/2008	WG	pH	6.34	SU	CAPA-08-14909
Homestead Spring	—	—	6/24/2008	WG	pH	5.7	SU	CAPA-08-13051
Kieling Spring	—	—	9/15/2009	WG	Dissolved Oxygen	8.18	mg/L	CAPA-09-12107
Kieling Spring	—	—	6/3/2009	WG	Dissolved Oxygen	7.96	mg/L	CAPA-09-9308
Kieling Spring	—	—	3/6/2009	WG	Dissolved Oxygen	8.52	mg/L	CAPA-09-4081
Kieling Spring	—	—	12/10/2008	WG	Dissolved Oxygen	8.45	mg/L	CAPA-09-1100
Kieling Spring	—	—	9/12/2008	WG	Dissolved Oxygen	11.1	mg/L	CAPA-08-14918
Kieling Spring	—	—	9/15/2009	WG	Specific Conductance	213	µS/cm	CAPA-09-12107
Kieling Spring	—	—	6/3/2009	WG	Specific Conductance	141	µS/cm	CAPA-09-9308
Kieling Spring	—	—	3/6/2009	WG	Specific Conductance	222	µS/cm	CAPA-09-4081
Kieling Spring	—	—	12/10/2008	WG	Specific Conductance	287	µS/cm	CAPA-09-1100
Kieling Spring	—	—	9/15/2009	WG	Temperature	10.95	deg C	CAPA-09-12107
Kieling Spring	—	—	6/3/2009	WG	Temperature	10.14	deg C	CAPA-09-9308
Kieling Spring	—	—	3/6/2009	WG	Temperature	9.78	deg C	CAPA-09-4081
Kieling Spring	—	—	12/10/2008	WG	Temperature	9.03	deg C	CAPA-09-1100
Kieling Spring	—	—	9/12/2008	WG	Temperature	10.4	deg C	CAPA-08-14918
Kieling Spring	—	—	9/15/2009	WG	Turbidity	6.17	NTU	CAPA-09-12107
Kieling Spring	—	—	6/3/2009	WG	Turbidity	8.98	NTU	CAPA-09-9308
Kieling Spring	—	—	3/6/2009	WG	Turbidity	21.6	NTU	CAPA-09-4081
Kieling Spring	—	—	12/10/2008	WG	Turbidity	7.9	NTU	CAPA-09-1100
Kieling Spring	—	—	9/12/2008	WG	Turbidity	12.9	NTU	CAPA-08-14918
Kieling Spring	—	—	9/15/2009	WG	pH	7.68	SU	CAPA-09-12107
Kieling Spring	—	—	6/3/2009	WG	pH	6.69	SU	CAPA-09-9308

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Kieling Spring	—	—	3/6/2009	WG	pH	7.32	SU	CAPA-09-4081
Kieling Spring	—	—	12/10/2008	WG	pH	7.12	SU	CAPA-09-1100
PC Spring	—	—	9/17/2009	WG	Dissolved Oxygen	9.56	mg/L	CAPA-09-12090
PC Spring	—	—	3/4/2009	WG	Dissolved Oxygen	7.85	mg/L	CAPA-09-4072
PC Spring	—	—	9/19/2008	WG	Dissolved Oxygen	9.5	mg/L	CAPA-08-14905
PC Spring	—	—	6/13/2008	WG	Dissolved Oxygen	8.6	mg/L	CAPA-08-13048
PC Spring	—	—	12/18/2007	WG	Dissolved Oxygen	8.8	mg/L	CAPA-08-9294
PC Spring	—	—	9/17/2009	WG	Specific Conductance	43	µS/cm	CAPA-09-12090
PC Spring	—	—	3/4/2009	WG	Specific Conductance	58	µS/cm	CAPA-09-4072
PC Spring	—	—	9/19/2008	WG	Specific Conductance	80.8	µS/cm	CAPA-08-14905
PC Spring	—	—	6/13/2008	WG	Specific Conductance	67.5	µS/cm	CAPA-08-13048
PC Spring	—	—	3/19/2008	WG	Specific Conductance	77.9	µS/cm	CAPA-08-10958
PC Spring	—	—	9/17/2009	WG	Temperature	7.1	deg C	CAPA-09-12090
PC Spring	—	—	3/4/2009	WG	Temperature	7.65	deg C	CAPA-09-4072
PC Spring	—	—	9/19/2008	WG	Temperature	7.6	deg C	CAPA-08-14905
PC Spring	—	—	6/13/2008	WG	Temperature	7	deg C	CAPA-08-13048
PC Spring	—	—	3/19/2008	WG	Temperature	8.8	deg C	CAPA-08-10958
PC Spring	—	—	9/17/2009	WG	Turbidity	1.91	NTU	CAPA-09-12090
PC Spring	—	—	3/4/2009	WG	Turbidity	4.62	NTU	CAPA-09-4072
PC Spring	—	—	9/19/2008	WG	Turbidity	2.62	NTU	CAPA-08-14905
PC Spring	—	—	6/13/2008	WG	Turbidity	4.36	NTU	CAPA-08-13048
PC Spring	—	—	3/19/2008	WG	Turbidity	15.4	NTU	CAPA-08-10958
PC Spring	—	—	9/17/2009	WG	pH	6.53	SU	CAPA-09-12090
PC Spring	—	—	3/4/2009	WG	pH	7.27	SU	CAPA-09-4072
PC Spring	—	—	9/19/2008	WG	pH	6.19	SU	CAPA-08-14905
PC Spring	—	—	6/13/2008	WG	pH	6.51	SU	CAPA-08-13048
PC Spring	—	—	3/19/2008	WG	pH	7.1	SU	CAPA-08-10958
PCAO-5	8481	14.7	9/2/2009	WG	Dissolved Oxygen	3.29	mg/L	CAPA-09-12210

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
PCAO-5	8481	14.7	6/9/2009	WG	Dissolved Oxygen	0.2	mg/L	CAPA-09-9388
PCAO-5	8481	14.7	12/2/2008	WG	Dissolved Oxygen	0.12	mg/L	CAPA-09-1140
PCAO-5	8481	14.7	9/8/2008	WG	Dissolved Oxygen	0.04	mg/L	CAPA-08-14973
PCAO-5	8481	14.7	6/9/2008	WG	Dissolved Oxygen	0.4	mg/L	CAPA-08-13119
PCAO-5	8481	14.7	9/2/2009	WG	Oxidation Reduction Potential	-99.5	mV	CAPA-09-12210
PCAO-5	8481	14.7	6/9/2009	WG	Oxidation Reduction Potential	189.8	mV	CAPA-09-9388
PCAO-5	8481	14.7	12/2/2008	WG	Oxidation Reduction Potential	-109	mV	CAPA-09-1140
PCAO-5	8481	14.7	9/8/2008	WG	Oxidation Reduction Potential	-227	mV	CAPA-08-14973
PCAO-5	8481	14.7	6/9/2008	WG	Oxidation Reduction Potential	96	mV	CAPA-08-13119
PCAO-5	8481	14.7	9/2/2009	WG	Specific Conductance	397	µS/cm	CAPA-09-12210
PCAO-5	8481	14.7	6/9/2009	WG	Specific Conductance	559	µS/cm	CAPA-09-9388
PCAO-5	8481	14.7	12/2/2008	WG	Specific Conductance	476	µS/cm	CAPA-09-1140
PCAO-5	8481	14.7	9/8/2008	WG	Specific Conductance	742	µS/cm	CAPA-08-14973
PCAO-5	8481	14.7	6/9/2008	WG	Specific Conductance	519	µS/cm	CAPA-08-13119
PCAO-5	8481	14.7	9/2/2009	WG	Temperature	10.99	deg C	CAPA-09-12210
PCAO-5	8481	14.7	6/9/2009	WG	Temperature	9.65	deg C	CAPA-09-9388
PCAO-5	8481	14.7	12/2/2008	WG	Temperature	10.48	deg C	CAPA-09-1140
PCAO-5	8481	14.7	9/8/2008	WG	Temperature	10.8	deg C	CAPA-08-14973
PCAO-5	8481	14.7	6/9/2008	WG	Temperature	9.6	deg C	CAPA-08-13119
PCAO-5	8481	14.7	9/2/2009	WG	Turbidity	1.74	NTU	CAPA-09-12210
PCAO-5	8481	14.7	6/9/2009	WG	Turbidity	1.44	NTU	CAPA-09-9388
PCAO-5	8481	14.7	12/2/2008	WG	Turbidity	0.91	NTU	CAPA-09-1140
PCAO-5	8481	14.7	9/8/2008	WG	Turbidity	2.53	NTU	CAPA-08-14973
PCAO-5	8481	14.7	6/9/2008	WG	Turbidity	2.07	NTU	CAPA-08-13119
PCAO-5	8481	14.7	9/2/2009	WG	pH	6.46	SU	CAPA-09-12210
PCAO-5	8481	14.7	6/9/2009	WG	pH	6.56	SU	CAPA-09-9388
PCAO-5	8481	14.7	12/2/2008	WG	pH	7.02	SU	CAPA-09-1140
PCAO-5	8481	14.7	9/8/2008	WG	pH	6.81	SU	CAPA-08-14973

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
PCAO-5	8481	14.7	6/9/2008	WG	pH	7	SU	CAPA-08-13119
PCAO-7a	8501	9.7	9/17/2009	WG	Dissolved Oxygen	6.61	mg/L	CAPA-09-12214
PCAO-7a	8501	9.7	6/2/2009	WG	Dissolved Oxygen	7.96	mg/L	CAPA-09-9390
PCAO-7a	8501	9.7	2/25/2009	WG	Dissolved Oxygen	7.68	mg/L	CAPA-09-4342
PCAO-7a	8501	9.7	12/4/2008	WG	Dissolved Oxygen	6.23	mg/L	CAPA-09-1143
PCAO-7a	8501	9.7	9/8/2008	WG	Dissolved Oxygen	6.65	mg/L	CAPA-08-14977
PCAO-7a	8501	9.7	9/17/2009	WG	Oxidation Reduction Potential	284.4	mV	CAPA-09-12214
PCAO-7a	8501	9.7	6/2/2009	WG	Oxidation Reduction Potential	348	mV	CAPA-09-9390
PCAO-7a	8501	9.7	2/25/2009	WG	Oxidation Reduction Potential	317.7	mV	CAPA-09-4342
PCAO-7a	8501	9.7	12/4/2008	WG	Oxidation Reduction Potential	249	mV	CAPA-09-1143
PCAO-7a	8501	9.7	9/8/2008	WG	Oxidation Reduction Potential	228	mV	CAPA-08-14977
PCAO-7a	8501	9.7	9/17/2009	WG	Specific Conductance	635	µS/cm	CAPA-09-12214
PCAO-7a	8501	9.7	6/2/2009	WG	Specific Conductance	464	µS/cm	CAPA-09-9390
PCAO-7a	8501	9.7	2/25/2009	WG	Specific Conductance	632	µS/cm	CAPA-09-4342
PCAO-7a	8501	9.7	9/17/2009	WG	Temperature	16.42	deg C	CAPA-09-12214
PCAO-7a	8501	9.7	6/2/2009	WG	Temperature	12.44	deg C	CAPA-09-9390
PCAO-7a	8501	9.7	2/25/2009	WG	Temperature	11.58	deg C	CAPA-09-4342
PCAO-7a	8501	9.7	12/4/2008	WG	Temperature	14.4	deg C	CAPA-09-1143
PCAO-7a	8501	9.7	9/8/2008	WG	Temperature	17.5	deg C	CAPA-08-14977
PCAO-7a	8501	9.7	9/17/2009	WG	Turbidity	5.67	NTU	CAPA-09-12214
PCAO-7a	8501	9.7	6/2/2009	WG	Turbidity	4.88	NTU	CAPA-09-9390
PCAO-7a	8501	9.7	2/25/2009	WG	Turbidity	3.37	NTU	CAPA-09-4342
PCAO-7a	8501	9.7	12/4/2008	WG	Turbidity	89.8	NTU	CAPA-09-1143
PCAO-7a	8501	9.7	9/8/2008	WG	Turbidity	2.91	NTU	CAPA-08-14977
PCAO-7a	8501	9.7	9/17/2009	WG	pH	6.37	SU	CAPA-09-12214
PCAO-7a	8501	9.7	6/2/2009	WG	pH	6.44	SU	CAPA-09-9390
PCAO-7a	8501	9.7	2/25/2009	WG	pH	6.54	SU	CAPA-09-4342
PCAO-7b2	8581	10	9/15/2009	WG	Dissolved Oxygen	4.74	mg/L	CAPA-09-12194

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
PCAO-7b2	8581	10	6/4/2009	WG	Dissolved Oxygen	8.74	mg/L	CAPA-09-9432
PCAO-7b2	8581	10	3/6/2009	WG	Dissolved Oxygen	6.04	mg/L	CAPA-09-4383
PCAO-7b2	8581	10	12/18/2008	WG	Dissolved Oxygen	3.93	mg/L	CAPA-09-1147
PCAO-7b2	8581	10	9/13/2008	WG	Dissolved Oxygen	2.2	mg/L	CAPA-08-14985
PCAO-7b2	8581	10	9/15/2009	WG	Oxidation Reduction Potential	369.1	mV	CAPA-09-12194
PCAO-7b2	8581	10	6/4/2009	WG	Oxidation Reduction Potential	236.5	mV	CAPA-09-9432
PCAO-7b2	8581	10	3/6/2009	WG	Oxidation Reduction Potential	387.4	mV	CAPA-09-4383
PCAO-7b2	8581	10	12/18/2008	WG	Oxidation Reduction Potential	410.7	mV	CAPA-09-1147
PCAO-7b2	8581	10	9/13/2008	WG	Oxidation Reduction Potential	308	mV	CAPA-08-14985
PCAO-7b2	8581	10	9/15/2009	WG	Specific Conductance	4759	µS/cm	CAPA-09-12194
PCAO-7b2	8581	10	6/4/2009	WG	Specific Conductance	3551	µS/cm	CAPA-09-9432
PCAO-7b2	8581	10	3/6/2009	WG	Specific Conductance	1788	µS/cm	CAPA-09-4383
PCAO-7b2	8581	10	9/15/2009	WG	Temperature	14.03	deg C	CAPA-09-12194
PCAO-7b2	8581	10	6/4/2009	WG	Temperature	12.49	deg C	CAPA-09-9432
PCAO-7b2	8581	10	3/6/2009	WG	Temperature	12.9	deg C	CAPA-09-4383
PCAO-7b2	8581	10	12/18/2008	WG	Temperature	13.04	deg C	CAPA-09-1147
PCAO-7b2	8581	10	9/13/2008	WG	Temperature	15.3	deg C	CAPA-08-14985
PCAO-7b2	8581	10	9/15/2009	WG	Turbidity	43.9	NTU	CAPA-09-12194
PCAO-7b2	8581	10	6/4/2009	WG	Turbidity	20.5	NTU	CAPA-09-9432
PCAO-7b2	8581	10	3/6/2009	WG	Turbidity	177	NTU	CAPA-09-4383
PCAO-7b2	8581	10	12/18/2008	WG	Turbidity	1000	NTU	CAPA-09-1147
PCAO-7b2	8581	10	9/13/2008	WG	Turbidity	38.2	NTU	CAPA-08-14985
PCAO-7b2	8581	10	9/15/2009	WG	pH	6.1	SU	CAPA-09-12194
PCAO-7b2	8581	10	6/4/2009	WG	pH	6.16	SU	CAPA-09-9432
PCAO-7b2	8581	10	3/6/2009	WG	pH	6.24	SU	CAPA-09-4383
PCAO-7c	8531	9.7	9/14/2009	WG	Dissolved Oxygen	4.16	mg/L	CAPA-09-12220
PCAO-7c	8531	9.7	6/3/2009	WG	Dissolved Oxygen	6.4	mg/L	CAPA-09-9395
PCAO-7c	8531	9.7	2/24/2009	WG	Dissolved Oxygen	6.16	mg/L	CAPA-09-4343

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
PCAO-7c	8531	9.7	12/3/2008	WG	Dissolved Oxygen	3.52	mg/L	CAPA-09-1153
PCAO-7c	8531	9.7	9/9/2008	WG	Dissolved Oxygen	3.03	mg/L	CAPA-08-14990
PCAO-7c	8531	9.7	9/14/2009	WG	Oxidation Reduction Potential	280.6	mV	CAPA-09-12220
PCAO-7c	8531	9.7	6/3/2009	WG	Oxidation Reduction Potential	259.1	mV	CAPA-09-9395
PCAO-7c	8531	9.7	2/24/2009	WG	Oxidation Reduction Potential	355	mV	CAPA-09-4343
PCAO-7c	8531	9.7	12/3/2008	WG	Oxidation Reduction Potential	232	mV	CAPA-09-1153
PCAO-7c	8531	9.7	9/9/2008	WG	Oxidation Reduction Potential	189	mV	CAPA-08-14990
PCAO-7c	8531	9.7	9/14/2009	WG	Specific Conductance	2234	µS/cm	CAPA-09-12220
PCAO-7c	8531	9.7	6/3/2009	WG	Specific Conductance	202	µS/cm	CAPA-09-9395
PCAO-7c	8531	9.7	2/24/2009	WG	Specific Conductance	347	µS/cm	CAPA-09-4343
PCAO-7c	8531	9.7	12/3/2008	WG	Specific Conductance	207	µS/cm	CAPA-09-1153
PCAO-7c	8531	9.7	9/9/2008	WG	Specific Conductance	279	µS/cm	CAPA-08-14990
PCAO-7c	8531	9.7	9/14/2009	WG	Temperature	11.87	deg C	CAPA-09-12220
PCAO-7c	8531	9.7	6/3/2009	WG	Temperature	11.07	deg C	CAPA-09-9395
PCAO-7c	8531	9.7	2/24/2009	WG	Temperature	11.5	deg C	CAPA-09-4343
PCAO-7c	8531	9.7	12/3/2008	WG	Temperature	12.3	deg C	CAPA-09-1153
PCAO-7c	8531	9.7	9/9/2008	WG	Temperature	13.6	deg C	CAPA-08-14990
PCAO-7c	8531	9.7	9/14/2009	WG	Turbidity	5.9	NTU	CAPA-09-12220
PCAO-7c	8531	9.7	6/3/2009	WG	Turbidity	13.2	NTU	CAPA-09-9395
PCAO-7c	8531	9.7	2/24/2009	WG	Turbidity	3.8	NTU	CAPA-09-4343
PCAO-7c	8531	9.7	12/3/2008	WG	Turbidity	4.01	NTU	CAPA-09-1153
PCAO-7c	8531	9.7	9/9/2008	WG	Turbidity	16.3	NTU	CAPA-08-14990
PCAO-7c	8531	9.7	9/14/2009	WG	pH	5.95	SU	CAPA-09-12220
PCAO-7c	8531	9.7	6/3/2009	WG	pH	6.07	SU	CAPA-09-9395
PCAO-7c	8531	9.7	2/24/2009	WG	pH	6.19	SU	CAPA-09-4343
PCAO-7c	8531	9.7	12/3/2008	WG	pH	6.14	SU	CAPA-09-1153
PCAO-7c	8531	9.7	9/9/2008	WG	pH	6.26	SU	CAPA-08-14990
PCAO-8	8541	9.7	9/10/2009	WG	Dissolved Oxygen	5.5	mg/L	CAPA-09-12225

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
PCAO-8	8541	9.7	9/17/2008	WG	Dissolved Oxygen	1.2	mg/L	CAPA-08-15001
PCAO-8	8541	9.7	6/24/2008	WG	Dissolved Oxygen	6.73	mg/L	CAPA-08-13131
PCAO-8	8541	9.7	9/10/2009	WG	Oxidation Reduction Potential	229.8	mV	CAPA-09-12225
PCAO-8	8541	9.7	9/17/2008	WG	Oxidation Reduction Potential	233	mV	CAPA-08-15001
PCAO-8	8541	9.7	6/24/2008	WG	Oxidation Reduction Potential	272	mV	CAPA-08-13131
PCAO-8	8541	9.7	9/10/2009	WG	Specific Conductance	417	µS/cm	CAPA-09-12225
PCAO-8	8541	9.7	9/17/2008	WG	Specific Conductance	552	µS/cm	CAPA-08-15001
PCAO-8	8541	9.7	6/24/2008	WG	Specific Conductance	622	µS/cm	CAPA-08-13131
PCAO-8	8541	9.7	9/10/2009	WG	Temperature	13.67	deg C	CAPA-09-12225
PCAO-8	8541	9.7	9/17/2008	WG	Temperature	15.4	deg C	CAPA-08-15001
PCAO-8	8541	9.7	6/24/2008	WG	Temperature	15.3	deg C	CAPA-08-13131
PCAO-8	8541	9.7	9/10/2009	WG	Turbidity	21.8	NTU	CAPA-09-12225
PCAO-8	8541	9.7	9/17/2008	WG	Turbidity	62.1	NTU	CAPA-08-15001
PCAO-8	8541	9.7	6/24/2008	WG	Turbidity	264	NTU	CAPA-08-13131
PCAO-8	8541	9.7	9/10/2009	WG	pH	6.28	SU	CAPA-09-12225
PCAO-8	8541	9.7	9/17/2008	WG	pH	6.71	SU	CAPA-08-15001
PCAO-8	8541	9.7	6/24/2008	WG	pH	6.96	SU	CAPA-08-13131
PCI-2	8851	512	9/4/2009	WG	Dissolved Oxygen	8.97	mg/L	CAPA-09-12259
PCI-2	8851	512	6/11/2009	WG	Dissolved Oxygen	7.82	mg/L	CAPA-09-9615
PCI-2	8851	512	9/4/2009	WG	Oxidation Reduction Potential	171.3	mV	CAPA-09-12259
PCI-2	8851	512	6/11/2009	WG	Oxidation Reduction Potential	239.4	mV	CAPA-09-9615
PCI-2	8851	512	9/4/2009	WG	Specific Conductance	87	µS/cm	CAPA-09-12259
PCI-2	8851	512	6/11/2009	WG	Specific Conductance	93	µS/cm	CAPA-09-9615
PCI-2	8851	512	9/4/2009	WG	Temperature	13.45	deg C	CAPA-09-12259
PCI-2	8851	512	6/11/2009	WG	Temperature	13.64	deg C	CAPA-09-9615
PCI-2	8851	512	9/4/2009	WG	Turbidity	3.93	NTU	CAPA-09-12259
PCI-2	8851	512	6/11/2009	WG	Turbidity	14.3	NTU	CAPA-09-9615
PCI-2	8851	512	9/4/2009	WG	pH	6.79	SU	CAPA-09-12259

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
PCI-2	8851	512	6/11/2009	WG	pH	7.04	SU	CAPA-09-9615
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	Dissolved Oxygen	9.23	mg/L	CAPA-09-12067
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	Dissolved Oxygen	45.13	mg/L	CAPA-09-4052
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	Dissolved Oxygen	9.5	mg/L	CAPA-09-1053
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	Dissolved Oxygen	7.39	mg/L	CAPA-08-14882
Pajarito 0.5 mi above SR-501	—	—	12/17/2007	WS	Dissolved Oxygen	10.1	mg/L	CAPA-08-9236
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	Specific Conductance	67	µS/cm	CAPA-09-12067
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	Specific Conductance	49	µS/cm	CAPA-09-4052
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	Specific Conductance	71.1	µS/cm	CAPA-09-1053
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	Specific Conductance	86.2	µS/cm	CAPA-08-14882
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	Temperature	11.44	deg C	CAPA-09-12067
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	Temperature	4.04	deg C	CAPA-09-4052
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	Temperature	2.1	deg C	CAPA-09-1053
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	Temperature	11.7	deg C	CAPA-08-14882
Pajarito 0.5 mi above SR-501	—	—	12/17/2007	WS	Temperature	2	deg C	CAPA-08-9236
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	Turbidity	5.98	NTU	CAPA-09-12067
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	Turbidity	3.2	NTU	CAPA-09-4052
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	Turbidity	3.43	NTU	CAPA-09-1053
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	Turbidity	2.02	NTU	CAPA-08-14882
Pajarito 0.5 mi above SR-501	—	—	12/17/2007	WS	Turbidity	15.8	NTU	CAPA-08-9236
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	pH	7.54	SU	CAPA-09-12067
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	pH	7.67	SU	CAPA-09-4052
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	pH	7.18	SU	CAPA-09-1053
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	pH	7.09	SU	CAPA-08-14882
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	Dissolved Oxygen	8.18	mg/L	CAPA-09-12075
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	Dissolved Oxygen	11.91	mg/L	CAPA-09-4059

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	Dissolved Oxygen	10.28	mg/L	CAPA-09-1073
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	Dissolved Oxygen	10.39	mg/L	CAPA-08-14889
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	Dissolved Oxygen	7.99	mg/L	CAPA-08-13033
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	Specific Conductance	213	µS/cm	CAPA-09-12075
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	Specific Conductance	158	µS/cm	CAPA-09-4059
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	Specific Conductance	182	µS/cm	CAPA-09-1073
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	Specific Conductance	192.6	µS/cm	CAPA-08-14889
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	Specific Conductance	123.7	µS/cm	CAPA-08-13033
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	Temperature	10.95	deg C	CAPA-09-12075
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	Temperature	6.02	deg C	CAPA-09-4059
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	Temperature	14.2	deg C	CAPA-08-14889
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	Temperature	17	deg C	CAPA-08-13033
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	Temperature	9	deg C	CAPA-08-10995
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	Turbidity	6.17	NTU	CAPA-09-12075
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	Turbidity	22.5	NTU	CAPA-09-4059
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	Turbidity	7.03	NTU	CAPA-09-1073

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	Turbidity	7.69	NTU	CAPA-08-14889
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	Turbidity	14.1	NTU	CAPA-08-13033
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	pH	7.68	SU	CAPA-09-12075
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	pH	7.47	SU	CAPA-09-4059
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	pH	7.43	SU	CAPA-09-1073
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	pH	6.45	SU	CAPA-08-14889
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	pH	7.32	SU	CAPA-08-13033
R-17	7031	1057	5/27/2009	WG	Dissolved Oxygen	5.9	mg/L	CAPA-09-9369
R-17	7031	1057	9/11/2009	WG	Dissolved Oxygen	5.68	mg/L	CAPA-09-12163
R-17	7031	1057	3/2/2009	WG	Dissolved Oxygen	3.71	mg/L	CAPA-09-4307
R-17	7031	1057	12/8/2008	WG	Dissolved Oxygen	8.04	mg/L	CAPA-09-1204
R-17	7031	1057	9/9/2008	WG	Dissolved Oxygen	6.51	mg/L	CAPA-08-15034
R-17	7031	1057	5/27/2009	WG	Oxidation Reduction Potential	225.1	mV	CAPA-09-9369
R-17	7031	1057	9/11/2009	WG	Oxidation Reduction Potential	145.5	mV	CAPA-09-12163
R-17	7031	1057	3/2/2009	WG	Oxidation Reduction Potential	370.5	mV	CAPA-09-4307
R-17	7031	1057	12/8/2008	WG	Oxidation Reduction Potential	291.8	mV	CAPA-09-1204
R-17	7031	1057	9/9/2008	WG	Oxidation Reduction Potential	198	mV	CAPA-08-15034
R-17	7031	1057	5/27/2009	WG	Specific Conductance	109	µS/cm	CAPA-09-9369
R-17	7031	1057	9/11/2009	WG	Specific Conductance	130	µS/cm	CAPA-09-12163
R-17	7031	1057	3/2/2009	WG	Specific Conductance	116	µS/cm	CAPA-09-4307
R-17	7031	1057	12/8/2008	WG	Specific Conductance	105	µS/cm	CAPA-09-1204
R-17	7031	1057	9/9/2008	WG	Specific Conductance	108.4	µS/cm	CAPA-08-15034
R-17	7031	1057	5/27/2009	WG	Temperature	20.91	deg C	CAPA-09-9369

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-17	7031	1057	9/11/2009	WG	Temperature	21.86	deg C	CAPA-09-12163
R-17	7031	1057	3/2/2009	WG	Temperature	21.23	deg C	CAPA-09-4307
R-17	7031	1057	12/8/2008	WG	Temperature	19.01	deg C	CAPA-09-1204
R-17	7031	1057	9/9/2008	WG	Temperature	21.5	deg C	CAPA-08-15034
R-17	7031	1057	5/27/2009	WG	Turbidity	1.27	NTU	CAPA-09-9369
R-17	7031	1057	9/11/2009	WG	Turbidity	1.08	NTU	CAPA-09-12163
R-17	7031	1057	3/2/2009	WG	Turbidity	1.27	NTU	CAPA-09-4307
R-17	7031	1057	12/8/2008	WG	Turbidity	1.38	NTU	CAPA-09-1204
R-17	7031	1057	9/9/2008	WG	Turbidity	3.83	NTU	CAPA-08-15034
R-17	7031	1057	5/27/2009	WG	pH	7.62	SU	CAPA-09-9369
R-17	7031	1057	9/11/2009	WG	pH	7.67	SU	CAPA-09-12163
R-17	7031	1057	3/2/2009	WG	pH	7.81	SU	CAPA-09-4307
R-17	7031	1057	12/8/2008	WG	pH	8	SU	CAPA-09-1204
R-17	7031	1057	9/9/2008	WG	pH	7.93	SU	CAPA-08-15034
R-17	7041	1124	9/11/2009	WG	Dissolved Oxygen	5	mg/L	CAPA-09-12166
R-17	7041	1124	5/27/2009	WG	Dissolved Oxygen	5.76	mg/L	CAPA-09-9370
R-17	7041	1124	3/2/2009	WG	Dissolved Oxygen	3.54	mg/L	CAPA-09-4310
R-17	7041	1124	12/8/2008	WG	Dissolved Oxygen	6.17	mg/L	CAPA-09-1207
R-17	7041	1124	9/9/2008	WG	Dissolved Oxygen	5.74	mg/L	CAPA-08-15035
R-17	7041	1124	9/11/2009	WG	Oxidation Reduction Potential	328.2	mV	CAPA-09-12166
R-17	7041	1124	5/27/2009	WG	Oxidation Reduction Potential	237.2	mV	CAPA-09-9370
R-17	7041	1124	3/2/2009	WG	Oxidation Reduction Potential	274.1	mV	CAPA-09-4310
R-17	7041	1124	12/8/2008	WG	Oxidation Reduction Potential	175.9	mV	CAPA-09-1207
R-17	7041	1124	6/18/2008	WG	Oxidation Reduction Potential	192	mV	CAPA-08-13164
R-17	7041	1124	9/11/2009	WG	Specific Conductance	121	µS/cm	CAPA-09-12166
R-17	7041	1124	5/27/2009	WG	Specific Conductance	102	µS/cm	CAPA-09-9370
R-17	7041	1124	3/2/2009	WG	Specific Conductance	108	µS/cm	CAPA-09-4310
R-17	7041	1124	12/8/2008	WG	Specific Conductance	98	µS/cm	CAPA-09-1207

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-17	7041	1124	9/9/2008	WG	Specific Conductance	99.5	µS/cm	CAPA-08-15035
R-17	7041	1124	9/11/2009	WG	Temperature	21.83	deg C	CAPA-09-12166
R-17	7041	1124	5/27/2009	WG	Temperature	21.4	deg C	CAPA-09-9370
R-17	7041	1124	3/2/2009	WG	Temperature	21.33	deg C	CAPA-09-4310
R-17	7041	1124	12/8/2008	WG	Temperature	19.44	deg C	CAPA-09-1207
R-17	7041	1124	9/9/2008	WG	Temperature	22.6	deg C	CAPA-08-15035
R-17	7041	1124	9/11/2009	WG	Turbidity	0.39	NTU	CAPA-09-12166
R-17	7041	1124	5/27/2009	WG	Turbidity	0.46	NTU	CAPA-09-9370
R-17	7041	1124	3/2/2009	WG	Turbidity	0.45	NTU	CAPA-09-4310
R-17	7041	1124	12/8/2008	WG	Turbidity	0.36	NTU	CAPA-09-1207
R-17	7041	1124	9/9/2008	WG	Turbidity	0.45	NTU	CAPA-08-15035
R-17	7041	1124	9/11/2009	WG	pH	7.67	SU	CAPA-09-12166
R-17	7041	1124	5/27/2009	WG	pH	7.62	SU	CAPA-09-9370
R-17	7041	1124	3/2/2009	WG	pH	7.86	SU	CAPA-09-4310
R-17	7041	1124	12/8/2008	WG	pH	8.02	SU	CAPA-09-1207
R-17	7041	1124	9/9/2008	WG	pH	7.93	SU	CAPA-08-15035
R-18	5861	1358	9/14/2009	WG	Dissolved Oxygen	4.53	mg/L	CAPA-09-12168
R-18	5861	1358	5/28/2009	WG	Dissolved Oxygen	5.53	mg/L	CAPA-09-9404
R-18	5861	1358	3/12/2009	WG	Dissolved Oxygen	5.32	mg/L	CAPA-09-4348
R-18	5861	1358	12/11/2008	WG	Dissolved Oxygen	5.31	mg/L	CAPA-09-1208
R-18	5861	1358	9/17/2008	WG	Dissolved Oxygen	5.66	mg/L	CAPA-08-15040
R-18	5861	1358	9/14/2009	WG	Oxidation Reduction Potential	404.4	mV	CAPA-09-12168
R-18	5861	1358	5/28/2009	WG	Oxidation Reduction Potential	298.5	mV	CAPA-09-9404
R-18	5861	1358	3/12/2009	WG	Oxidation Reduction Potential	146.5	mV	CAPA-09-4348
R-18	5861	1358	12/11/2008	WG	Oxidation Reduction Potential	545	mV	CAPA-09-1208
R-18	5861	1358	9/17/2008	WG	Oxidation Reduction Potential	270	mV	CAPA-08-15040
R-18	5861	1358	9/14/2009	WG	Specific Conductance	110	µS/cm	CAPA-09-12168
R-18	5861	1358	5/28/2009	WG	Specific Conductance	105	µS/cm	CAPA-09-9404

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-18	5861	1358	3/12/2009	WG	Specific Conductance	90	µS/cm	CAPA-09-4348
R-18	5861	1358	9/14/2009	WG	Temperature	17.29	deg C	CAPA-09-12168
R-18	5861	1358	5/28/2009	WG	Temperature	16.05	deg C	CAPA-09-9404
R-18	5861	1358	3/12/2009	WG	Temperature	15.62	deg C	CAPA-09-4348
R-18	5861	1358	12/11/2008	WG	Temperature	16.07	deg C	CAPA-09-1208
R-18	5861	1358	9/17/2008	WG	Temperature	16.3	deg C	CAPA-08-15040
R-18	5861	1358	9/14/2009	WG	Turbidity	0.32	NTU	CAPA-09-12168
R-18	5861	1358	5/28/2009	WG	Turbidity	0.35	NTU	CAPA-09-9404
R-18	5861	1358	3/12/2009	WG	Turbidity	0.06	NTU	CAPA-09-4348
R-18	5861	1358	12/11/2008	WG	Turbidity	0.77	NTU	CAPA-09-1208
R-18	5861	1358	9/17/2008	WG	Turbidity	0.78	NTU	CAPA-08-15040
R-18	5861	1358	9/14/2009	WG	pH	7.49	SU	CAPA-09-12168
R-18	5861	1358	5/28/2009	WG	pH	7.53	SU	CAPA-09-9404
R-18	5861	1358	3/12/2009	WG	pH	7.34	SU	CAPA-09-4348
R-19	232	909.3	9/10/2009	WG	Dissolved Oxygen	3.55	mg/L	CAPA-09-12155
R-19	232	909.3	3/10/2009	WG	Dissolved Oxygen	6.42	mg/L	CAPA-09-4289
R-19	232	909.3	12/3/2008	WG	Dissolved Oxygen	4.12	mg/L	CAPA-09-1185
R-19	232	909.3	9/16/2008	WG	Dissolved Oxygen	8.9	mg/L	CAPA-08-15010
R-19	232	909.3	6/18/2008	WG	Dissolved Oxygen	3.68	mg/L	CAPA-08-13156
R-19	232	909.3	9/10/2009	WG	Specific Conductance	164	µS/cm	CAPA-09-12155
R-19	232	909.3	3/10/2009	WG	Specific Conductance	158	µS/cm	CAPA-09-4289
R-19	232	909.3	9/10/2009	WG	Temperature	22.83	deg C	CAPA-09-12155
R-19	232	909.3	3/10/2009	WG	Temperature	16.54	deg C	CAPA-09-4289
R-19	232	909.3	12/3/2008	WG	Temperature	15.7	deg C	CAPA-09-1185
R-19	232	909.3	9/16/2008	WG	Temperature	20.1	deg C	CAPA-08-15010
R-19	232	909.3	6/18/2008	WG	Temperature	22	deg C	CAPA-08-13156
R-19	232	909.3	9/10/2009	WG	Turbidity	2.05	NTU	CAPA-09-12155
R-19	232	909.3	3/10/2009	WG	Turbidity	1	NTU	CAPA-09-4289

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-19	232	909.3	12/3/2008	WG	Turbidity	0.31	NTU	CAPA-09-1185
R-19	232	909.3	9/16/2008	WG	Turbidity	0.72	NTU	CAPA-08-15010
R-19	232	909.3	6/18/2008	WG	Turbidity	0.22	NTU	CAPA-08-13156
R-19	232	909.3	9/10/2009	WG	pH	8.36	SU	CAPA-09-12155
R-19	232	909.3	3/10/2009	WG	pH	7.93	SU	CAPA-09-4289
R-19	282	1190.7	9/14/2009	WG	Dissolved Oxygen	6.97	mg/L	CAPA-09-12175
R-19	282	1190.7	3/9/2009	WG	Dissolved Oxygen	5.28	mg/L	CAPA-09-4314
R-19	282	1190.7	12/10/2008	WG	Dissolved Oxygen	5.37	mg/L	CAPA-09-1217
R-19	282	1190.7	9/10/2008	WG	Dissolved Oxygen	2.84	mg/L	CAPA-08-15047
R-19	282	1190.7	6/17/2008	WG	Dissolved Oxygen	6.55	mg/L	CAPA-08-13215
R-19	282	1190.7	9/14/2009	WG	Specific Conductance	125	µS/cm	CAPA-09-12175
R-19	282	1190.7	3/9/2009	WG	Specific Conductance	93	µS/cm	CAPA-09-4314
R-19	282	1190.7	12/10/2008	WG	Specific Conductance	131.8	µS/cm	CAPA-09-1217
R-19	282	1190.7	9/14/2009	WG	Temperature	22.8	deg C	CAPA-09-12175
R-19	282	1190.7	3/9/2009	WG	Temperature	16.32	deg C	CAPA-09-4314
R-19	282	1190.7	12/10/2008	WG	Temperature	17.3	deg C	CAPA-09-1217
R-19	282	1190.7	9/10/2008	WG	Temperature	24.9	deg C	CAPA-08-15047
R-19	282	1190.7	6/17/2008	WG	Temperature	25.6	deg C	CAPA-08-13215
R-19	282	1190.7	9/14/2009	WG	Turbidity	0.4	NTU	CAPA-09-12175
R-19	282	1190.7	3/9/2009	WG	Turbidity	1.3	NTU	CAPA-09-4314
R-19	282	1190.7	12/10/2008	WG	Turbidity	0.74	NTU	CAPA-09-1217
R-19	282	1190.7	9/10/2008	WG	Turbidity	3.99	NTU	CAPA-08-15047
R-19	282	1190.7	6/17/2008	WG	Turbidity	0.2	NTU	CAPA-08-13215
R-19	282	1190.7	9/14/2009	WG	pH	7.74	SU	CAPA-09-12175
R-19	282	1190.7	3/9/2009	WG	pH	8.24	SU	CAPA-09-4314
R-19	282	1190.7	12/10/2008	WG	pH	8.23	SU	CAPA-09-1217
R-19	352	1412.9	9/16/2009	WG	Dissolved Oxygen	8.07	mg/L	CAPA-09-12181
R-19	352	1412.9	3/4/2009	WG	Dissolved Oxygen	7.27	mg/L	CAPA-09-4317

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-19	352	1412.9	12/3/2008	WG	Dissolved Oxygen	4.52	mg/L	CAPA-09-1220
R-19	352	1412.9	9/11/2008	WG	Dissolved Oxygen	8.05	mg/L	CAPA-08-15049
R-19	352	1412.9	3/13/2008	WG	Dissolved Oxygen	6.22	mg/L	CAPA-08-11034
R-19	352	1412.9	9/16/2009	WG	Specific Conductance	100	µS/cm	CAPA-09-12181
R-19	352	1412.9	3/4/2009	WG	Specific Conductance	102	µS/cm	CAPA-09-4317
R-19	352	1412.9	12/3/2008	WG	Specific Conductance	117.6	µS/cm	CAPA-09-1220
R-19	352	1412.9	9/16/2009	WG	Temperature	18.57	deg C	CAPA-09-12181
R-19	352	1412.9	3/4/2009	WG	Temperature	19.94	deg C	CAPA-09-4317
R-19	352	1412.9	12/3/2008	WG	Temperature	18.5	deg C	CAPA-09-1220
R-19	352	1412.9	9/11/2008	WG	Temperature	18.9	deg C	CAPA-08-15049
R-19	352	1412.9	3/13/2008	WG	Temperature	19	deg C	CAPA-08-11034
R-19	352	1412.9	9/16/2009	WG	Turbidity	1.3	NTU	CAPA-09-12181
R-19	352	1412.9	3/4/2009	WG	Turbidity	2	NTU	CAPA-09-4317
R-19	352	1412.9	12/3/2008	WG	Turbidity	0.45	NTU	CAPA-09-1220
R-19	352	1412.9	9/11/2008	WG	Turbidity	0.31	NTU	CAPA-08-15049
R-19	352	1412.9	3/13/2008	WG	Turbidity	0.45	NTU	CAPA-08-11034
R-19	352	1412.9	9/16/2009	WG	pH	7.79	SU	CAPA-09-12181
R-19	352	1412.9	3/4/2009	WG	pH	7.83	SU	CAPA-09-4317
R-19	352	1412.9	12/3/2008	WG	pH	8.25	SU	CAPA-09-1220
R-19	402	1586.1	9/18/2009	WG	Dissolved Oxygen	7.01	mg/L	CAPA-09-12185
R-19	402	1586.1	5/28/2009	WG	Dissolved Oxygen	4.11	mg/L	CAPA-09-9382
R-19	402	1586.1	3/5/2009	WG	Dissolved Oxygen	2.55	mg/L	CAPA-09-4321
R-19	402	1586.1	12/8/2008	WG	Dissolved Oxygen	3.26	mg/L	CAPA-09-1245
R-19	402	1586.1	9/15/2008	WG	Dissolved Oxygen	3.82	mg/L	CAPA-08-15052
R-19	402	1586.1	9/18/2009	WG	Specific Conductance	198	µS/cm	CAPA-09-12185
R-19	402	1586.1	3/5/2009	WG	Specific Conductance	203	µS/cm	CAPA-09-4321
R-19	402	1586.1	12/8/2008	WG	Specific Conductance	43.3	µS/cm	CAPA-09-1245
R-19	402	1586.1	9/15/2008	WG	Specific Conductance	215	µS/cm	CAPA-08-15052

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-19	402	1586.1	6/16/2008	WG	Specific Conductance	222	µS/cm	CAPA-08-13188
R-19	402	1586.1	9/18/2009	WG	Temperature	20.97	deg C	CAPA-09-12185
R-19	402	1586.1	5/28/2009	WG	Temperature	20.56	deg C	CAPA-09-9382
R-19	402	1586.1	3/5/2009	WG	Temperature	18.7	deg C	CAPA-09-4321
R-19	402	1586.1	12/8/2008	WG	Temperature	15.8	deg C	CAPA-09-1245
R-19	402	1586.1	9/15/2008	WG	Temperature	21.5	deg C	CAPA-08-15052
R-19	402	1586.1	9/18/2009	WG	Turbidity	1.1	NTU	CAPA-09-12185
R-19	402	1586.1	5/28/2009	WG	Turbidity	7.32	NTU	CAPA-09-9382
R-19	402	1586.1	3/5/2009	WG	Turbidity	1.07	NTU	CAPA-09-4321
R-19	402	1586.1	12/8/2008	WG	Turbidity	1.15	NTU	CAPA-09-1245
R-19	402	1586.1	9/15/2008	WG	Turbidity	1.22	NTU	CAPA-08-15052
R-19	402	1586.1	9/18/2009	WG	pH	6.94	SU	CAPA-09-12185
R-19	402	1586.1	5/28/2009	WG	pH	8.16	SU	CAPA-09-9382
R-19	402	1586.1	3/5/2009	WG	pH	6.82	SU	CAPA-09-4321
R-19	402	1586.1	12/8/2008	WG	pH	6.89	SU	CAPA-09-1245
R-19	402	1586.1	9/15/2008	WG	pH	7.47	SU	CAPA-08-15052
R-19	452	1730.1	9/18/2009	WG	Dissolved Oxygen	8.46	mg/L	CAPA-09-12186
R-19	452	1730.1	5/28/2009	WG	Dissolved Oxygen	7.29	mg/L	CAPA-09-9383
R-19	452	1730.1	3/9/2009	WG	Dissolved Oxygen	8.22	mg/L	CAPA-09-4323
R-19	452	1730.1	12/8/2008	WG	Dissolved Oxygen	5.79	mg/L	CAPA-09-1247
R-19	452	1730.1	9/12/2008	WG	Dissolved Oxygen	4.4	mg/L	CAPA-08-15054
R-19	452	1730.1	9/18/2009	WG	Specific Conductance	98	µS/cm	CAPA-09-12186
R-19	452	1730.1	5/28/2009	WG	Specific Conductance	90	µS/cm	CAPA-09-9383
R-19	452	1730.1	3/9/2009	WG	Specific Conductance	96	µS/cm	CAPA-09-4323
R-19	452	1730.1	12/8/2008	WG	Specific Conductance	210	µS/cm	CAPA-09-1247
R-19	452	1730.1	9/12/2008	WG	Specific Conductance	99.5	µS/cm	CAPA-08-15054
R-19	452	1730.1	9/18/2009	WG	Temperature	22.12	deg C	CAPA-09-12186
R-19	452	1730.1	5/28/2009	WG	Temperature	20.2	deg C	CAPA-09-9383

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-19	452	1730.1	3/9/2009	WG	Temperature	16.98	deg C	CAPA-09-4323
R-19	452	1730.1	12/8/2008	WG	Temperature	17.3	deg C	CAPA-09-1247
R-19	452	1730.1	9/12/2008	WG	Temperature	20.2	deg C	CAPA-08-15054
R-19	452	1730.1	9/18/2009	WG	Turbidity	0.6	NTU	CAPA-09-12186
R-19	452	1730.1	5/28/2009	WG	Turbidity	2.22	NTU	CAPA-09-9383
R-19	452	1730.1	3/9/2009	WG	Turbidity	3.8	NTU	CAPA-09-4323
R-19	452	1730.1	12/8/2008	WG	Turbidity	2.13	NTU	CAPA-09-1247
R-19	452	1730.1	9/12/2008	WG	Turbidity	0.38	NTU	CAPA-08-15054
R-19	452	1730.1	9/18/2009	WG	pH	6.8	SU	CAPA-09-12186
R-19	452	1730.1	5/28/2009	WG	pH	8.53	SU	CAPA-09-9383
R-19	452	1730.1	3/9/2009	WG	pH	7.22	SU	CAPA-09-4323
R-19	452	1730.1	12/8/2008	WG	pH	6.86	SU	CAPA-09-1247
R-19	452	1730.1	9/12/2008	WG	pH	7.26	SU	CAPA-08-15054
R-19	502	1834.7	9/18/2009	WG	Dissolved Oxygen	7.7	mg/L	CAPA-09-12466
R-19	502	1834.7	5/28/2009	WG	Dissolved Oxygen	6.36	mg/L	CAPA-09-9386
R-19	502	1834.7	3/11/2009	WG	Dissolved Oxygen	7.6	mg/L	CAPA-09-4326
R-19	502	1834.7	12/8/2008	WG	Dissolved Oxygen	5.22	mg/L	CAPA-09-1250
R-19	502	1834.7	9/15/2008	WG	Dissolved Oxygen	4.97	mg/L	CAPA-08-15056
R-19	502	1834.7	9/18/2009	WG	Specific Conductance	227	µS/cm	CAPA-09-12466
R-19	502	1834.7	5/28/2009	WG	Specific Conductance	225	µS/cm	CAPA-09-9386
R-19	502	1834.7	3/11/2009	WG	Specific Conductance	227	µS/cm	CAPA-09-4326
R-19	502	1834.7	12/8/2008	WG	Specific Conductance	48.3	µS/cm	CAPA-09-1250
R-19	502	1834.7	9/15/2008	WG	Specific Conductance	244	µS/cm	CAPA-08-15056
R-19	502	1834.7	9/18/2009	WG	Temperature	21.69	deg C	CAPA-09-12466
R-19	502	1834.7	5/28/2009	WG	Temperature	19.51	deg C	CAPA-09-9386
R-19	502	1834.7	3/11/2009	WG	Temperature	16.83	deg C	CAPA-09-4326
R-19	502	1834.7	12/8/2008	WG	Temperature	17.3	deg C	CAPA-09-1250
R-19	502	1834.7	9/15/2008	WG	Temperature	22.2	deg C	CAPA-08-15056

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-19	502	1834.7	9/18/2009	WG	pH	7.31	SU	CAPA-09-12466
R-19	502	1834.7	5/28/2009	WG	pH	8.39	SU	CAPA-09-9386
R-19	502	1834.7	3/11/2009	WG	pH	7.1	SU	CAPA-09-4326
R-19	502	1834.7	12/8/2008	WG	pH	7.3	SU	CAPA-09-1250
R-19	502	1834.7	9/15/2008	WG	pH	7.92	SU	CAPA-08-15056
R-20	8441	904.6	9/2/2009	WG	Dissolved Oxygen	2.47	mg/L	CAPA-09-12263
R-20	8441	904.6	6/2/2009	WG	Dissolved Oxygen	1.96	mg/L	CAPA-09-9410
R-20	8441	904.6	3/10/2009	WG	Dissolved Oxygen	1.01	mg/L	CAPA-09-4370
R-20	8441	904.6	3/10/2009	WG	Dissolved Oxygen	1.01	mg/L	CAPA-09-14363
R-20	8441	904.6	3/10/2009	WG	Dissolved Oxygen	1.01	mg/L	CAPA-09-5500
R-20	8441	904.6	3/10/2009	WG	Dissolved Oxygen	0.97	mg/L	CAPA-09-5498
R-20	8441	904.6	9/2/2009	WG	Oxidation Reduction Potential	23	mV	CAPA-09-12263
R-20	8441	904.6	6/2/2009	WG	Oxidation Reduction Potential	-83.6	mV	CAPA-09-9410
R-20	8441	904.6	3/10/2009	WG	Oxidation Reduction Potential	151	mV	CAPA-09-4370
R-20	8441	904.6	3/10/2009	WG	Oxidation Reduction Potential	151	mV	CAPA-09-14363
R-20	8441	904.6	3/10/2009	WG	Oxidation Reduction Potential	139.7	mV	CAPA-09-5500
R-20	8441	904.6	3/10/2009	WG	Oxidation Reduction Potential	133.9	mV	CAPA-09-5498
R-20	8441	904.6	9/2/2009	WG	Specific Conductance	131	µS/cm	CAPA-09-12263
R-20	8441	904.6	6/2/2009	WG	Specific Conductance	141	µS/cm	CAPA-09-9410
R-20	8441	904.6	3/10/2009	WG	Specific Conductance	146	µS/cm	CAPA-09-14363
R-20	8441	904.6	3/10/2009	WG	Specific Conductance	146	µS/cm	CAPA-09-4370
R-20	8441	904.6	3/10/2009	WG	Specific Conductance	148	µS/cm	CAPA-09-5500
R-20	8441	904.6	3/10/2009	WG	Specific Conductance	145	µS/cm	CAPA-09-5498
R-20	8441	904.6	9/2/2009	WG	Temperature	18.4	deg C	CAPA-09-12263
R-20	8441	904.6	6/2/2009	WG	Temperature	18.18	deg C	CAPA-09-9410
R-20	8441	904.6	3/10/2009	WG	Temperature	17.64	deg C	CAPA-09-14363
R-20	8441	904.6	3/10/2009	WG	Temperature	17.64	deg C	CAPA-09-4370
R-20	8441	904.6	3/10/2009	WG	Temperature	17.8	deg C	CAPA-09-5500

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-20	8441	904.6	3/10/2009	WG	Temperature	16.27	deg C	CAPA-09-5498
R-20	8441	904.6	9/2/2009	WG	Turbidity	0.76	NTU	CAPA-09-12263
R-20	8441	904.6	6/2/2009	WG	Turbidity	0.73	NTU	CAPA-09-9410
R-20	8441	904.6	3/10/2009	WG	Turbidity	0.77	NTU	CAPA-09-14363
R-20	8441	904.6	3/10/2009	WG	Turbidity	0.77	NTU	CAPA-09-4370
R-20	8441	904.6	3/10/2009	WG	Turbidity	0.68	NTU	CAPA-09-5500
R-20	8441	904.6	3/10/2009	WG	Turbidity	0.67	NTU	CAPA-09-5498
R-20	8441	904.6	9/2/2009	WG	pH	7.73	SU	CAPA-09-12263
R-20	8441	904.6	6/2/2009	WG	pH	8.39	SU	CAPA-09-9410
R-20	8441	904.6	3/10/2009	WG	pH	8.6	SU	CAPA-09-4370
R-20	8441	904.6	3/10/2009	WG	pH	8.6	SU	CAPA-09-14363
R-20	8441	904.6	3/10/2009	WG	pH	8.57	SU	CAPA-09-5500
R-20	8441	904.6	3/10/2009	WG	pH	8.54	SU	CAPA-09-5498
R-20	8451	1147.1	6/23/2008	WG	Dissolved Oxygen	0.9	mg/L	CAPA-08-13209
R-20	8451	1147.1	9/3/2009	WG	Dissolved Oxygen	1.07	mg/L	CAPA-09-12265
R-20	8451	1147.1	3/9/2009	WG	Dissolved Oxygen	1.65	mg/L	CAPA-09-4372
R-20	8451	1147.1	12/18/2008	WG	Dissolved Oxygen	235	mg/L	CAPA-09-1228
R-20	8451	1147.1	9/18/2008	WG	Dissolved Oxygen	0.9	mg/L	CAPA-08-15065
R-20	8451	1147.1	6/23/2008	WG	Oxidation Reduction Potential	-182	mV	CAPA-08-13209
R-20	8451	1147.1	9/3/2009	WG	Oxidation Reduction Potential	-142.8	mV	CAPA-09-12265
R-20	8451	1147.1	3/9/2009	WG	Oxidation Reduction Potential	102.8	mV	CAPA-09-4372
R-20	8451	1147.1	12/18/2008	WG	Oxidation Reduction Potential	-22.5	mV	CAPA-09-1228
R-20	8451	1147.1	9/18/2008	WG	Oxidation Reduction Potential	-20	mV	CAPA-08-15065
R-20	8451	1147.1	9/3/2009	WG	Specific Conductance	145	µS/cm	CAPA-09-12265
R-20	8451	1147.1	3/9/2009	WG	Specific Conductance	138	µS/cm	CAPA-09-4372
R-20	8451	1147.1	12/18/2008	WG	Specific Conductance	144	µS/cm	CAPA-09-1228
R-20	8451	1147.1	9/18/2008	WG	Specific Conductance	140.1	µS/cm	CAPA-08-15065
R-20	8451	1147.1	6/23/2008	WG	Temperature	21.2	deg C	CAPA-08-13209

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-20	8451	1147.1	9/3/2009	WG	Temperature	20.48	deg C	CAPA-09-12265
R-20	8451	1147.1	3/9/2009	WG	Temperature	19.57	deg C	CAPA-09-4372
R-20	8451	1147.1	12/18/2008	WG	Temperature	18.72	deg C	CAPA-09-1228
R-20	8451	1147.1	9/18/2008	WG	Temperature	20.9	deg C	CAPA-08-15065
R-20	8451	1147.1	6/23/2008	WG	Turbidity	1.73	NTU	CAPA-08-13209
R-20	8451	1147.1	9/3/2009	WG	Turbidity	1.59	NTU	CAPA-09-12265
R-20	8451	1147.1	3/9/2009	WG	Turbidity	0.78	NTU	CAPA-09-4372
R-20	8451	1147.1	12/18/2008	WG	Turbidity	2.34	NTU	CAPA-09-1228
R-20	8451	1147.1	9/18/2008	WG	Turbidity	1.15	NTU	CAPA-08-15065
R-20	8451	1147.1	9/3/2009	WG	pH	7.39	SU	CAPA-09-12265
R-20	8451	1147.1	3/9/2009	WG	pH	7.82	SU	CAPA-09-4372
R-20	8451	1147.1	12/18/2008	WG	pH	7.48	SU	CAPA-09-1228
R-20	8451	1147.1	9/18/2008	WG	pH	8.07	SU	CAPA-08-15065
R-21	1761	888.8	8/18/2009	WG	Dissolved Oxygen	5.45	mg/L	CAMO-09-9908
R-21	1761	888.8	5/11/2009	WG	Dissolved Oxygen	5.53	mg/L	CAMO-09-8186
R-21	1761	888.8	2/18/2009	WG	Dissolved Oxygen	6.31	mg/L	CAMO-09-2631
R-21	1761	888.8	11/7/2008	WG	Dissolved Oxygen	6.47	mg/L	CAMO-09-814
R-21	1761	888.8	8/14/2008	WG	Dissolved Oxygen	4.79	mg/L	CAMO-08-14524
R-21	1761	888.8	8/18/2009	WG	Oxidation Reduction Potential	123.9	mV	CAMO-09-9908
R-21	1761	888.8	5/11/2009	WG	Oxidation Reduction Potential	143.4	mV	CAMO-09-8186
R-21	1761	888.8	2/18/2009	WG	Oxidation Reduction Potential	130.7	mV	CAMO-09-2631
R-21	1761	888.8	11/7/2008	WG	Oxidation Reduction Potential	286	mV	CAMO-09-814
R-21	1761	888.8	8/14/2008	WG	Oxidation Reduction Potential	280	mV	CAMO-08-14524
R-21	1761	888.8	8/18/2009	WG	Specific Conductance	142	µS/cm	CAMO-09-9908
R-21	1761	888.8	5/11/2009	WG	Specific Conductance	129	µS/cm	CAMO-09-8186
R-21	1761	888.8	2/18/2009	WG	Specific Conductance	135.71	µS/cm	CAMO-09-2631
R-21	1761	888.8	8/18/2009	WG	Temperature	24.78	deg C	CAMO-09-9908
R-21	1761	888.8	5/11/2009	WG	Temperature	21.65	deg C	CAMO-09-8186

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-21	1761	888.8	2/18/2009	WG	Temperature	20.41	deg C	CAMO-09-2631
R-21	1761	888.8	11/7/2008	WG	Temperature	21.2	deg C	CAMO-09-814
R-21	1761	888.8	8/14/2008	WG	Temperature	20.6	deg C	CAMO-08-14524
R-21	1761	888.8	8/18/2009	WG	Turbidity	0.77	NTU	CAMO-09-9908
R-21	1761	888.8	5/11/2009	WG	Turbidity	0.19	NTU	CAMO-09-8186
R-21	1761	888.8	2/18/2009	WG	Turbidity	0.82	NTU	CAMO-09-2631
R-21	1761	888.8	11/7/2008	WG	Turbidity	0.24	NTU	CAMO-09-814
R-21	1761	888.8	8/14/2008	WG	Turbidity	0.51	NTU	CAMO-08-14524
R-21	1761	888.8	8/18/2009	WG	pH	7.9	SU	CAMO-09-9908
R-21	1761	888.8	5/11/2009	WG	pH	7.89	SU	CAMO-09-8186
R-21	1761	888.8	2/18/2009	WG	pH	7.7	SU	CAMO-09-2631
R-23	1771	816	9/3/2009	WG	Dissolved Oxygen	7.39	mg/L	CAPA-09-12270
R-23	1771	816	6/4/2009	WG	Dissolved Oxygen	8.6	mg/L	CAPA-09-9417
R-23	1771	816	2/25/2009	WG	Dissolved Oxygen	8.41	mg/L	CAPA-09-4365
R-23	1771	816	12/3/2008	WG	Dissolved Oxygen	8.22	mg/L	CAPA-09-1237
R-23	1771	816	9/8/2008	WG	Dissolved Oxygen	6.41	mg/L	CAPA-08-15077
R-23	1771	816	9/3/2009	WG	Oxidation Reduction Potential	94.1	mV	CAPA-09-12270
R-23	1771	816	6/4/2009	WG	Oxidation Reduction Potential	165	mV	CAPA-09-9417
R-23	1771	816	2/25/2009	WG	Oxidation Reduction Potential	218.4	mV	CAPA-09-4365
R-23	1771	816	12/3/2008	WG	Oxidation Reduction Potential	91	mV	CAPA-09-1237
R-23	1771	816	9/8/2008	WG	Oxidation Reduction Potential	323	mV	CAPA-08-15077
R-23	1771	816	9/3/2009	WG	Specific Conductance	170	µS/cm	CAPA-09-12270
R-23	1771	816	6/4/2009	WG	Specific Conductance	164	µS/cm	CAPA-09-9417
R-23	1771	816	2/25/2009	WG	Specific Conductance	170	µS/cm	CAPA-09-4365
R-23	1771	816	12/3/2008	WG	Specific Conductance	151.7	µS/cm	CAPA-09-1237
R-23	1771	816	9/8/2008	WG	Specific Conductance	146.4	µS/cm	CAPA-08-15077
R-23	1771	816	9/3/2009	WG	Temperature	21.61	deg C	CAPA-09-12270
R-23	1771	816	6/4/2009	WG	Temperature	20.96	deg C	CAPA-09-9417

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-23	1771	816	2/25/2009	WG	Temperature	20.4	deg C	CAPA-09-4365
R-23	1771	816	12/3/2008	WG	Temperature	21.7	deg C	CAPA-09-1237
R-23	1771	816	9/8/2008	WG	Temperature	22.3	deg C	CAPA-08-15077
R-23	1771	816	9/3/2009	WG	Turbidity	0.27	NTU	CAPA-09-12270
R-23	1771	816	6/4/2009	WG	Turbidity	1.49	NTU	CAPA-09-9417
R-23	1771	816	2/25/2009	WG	Turbidity	4.18	NTU	CAPA-09-4365
R-23	1771	816	12/3/2008	WG	Turbidity	1.5	NTU	CAPA-09-1237
R-23	1771	816	9/8/2008	WG	Turbidity	1.16	NTU	CAPA-08-15077
R-23	1771	816	9/3/2009	WG	pH	7.66	SU	CAPA-09-12270
R-23	1771	816	6/4/2009	WG	pH	7.75	SU	CAPA-09-9417
R-23	1771	816	2/25/2009	WG	pH	7.93	SU	CAPA-09-4365
R-23	1771	816	12/3/2008	WG	pH	8.03	SU	CAPA-09-1237
R-23	1771	816	9/8/2008	WG	pH	8.03	SU	CAPA-08-15077
R-23i	7001	400.3	9/10/2009	WG	Dissolved Oxygen	6.23	mg/L	CAPA-09-12239
R-23i	7001	400.3	6/9/2009	WG	Dissolved Oxygen	6.3	mg/L	CAPA-09-9457
R-23i	7001	400.3	3/3/2009	WG	Dissolved Oxygen	4.26	mg/L	CAPA-09-4355
R-23i	7001	400.3	12/12/2008	WG	Dissolved Oxygen	4.93	mg/L	CAPA-09-1197
R-23i	7001	400.3	12/3/2008	WG	Dissolved Oxygen	4.67	mg/L	CAPA-09-1188
R-23i	7001	400.3	9/10/2009	WG	Oxidation Reduction Potential	427.8	mV	CAPA-09-12239
R-23i	7001	400.3	6/9/2009	WG	Oxidation Reduction Potential	383.5	mV	CAPA-09-9457
R-23i	7001	400.3	3/3/2009	WG	Oxidation Reduction Potential	257.7	mV	CAPA-09-4355
R-23i	7001	400.3	12/12/2008	WG	Oxidation Reduction Potential	92.7	mV	CAPA-09-1197
R-23i	7001	400.3	12/3/2008	WG	Oxidation Reduction Potential	94	mV	CAPA-09-1188
R-23i	7001	400.3	9/10/2009	WG	Specific Conductance	280	µS/cm	CAPA-09-12239
R-23i	7001	400.3	6/9/2009	WG	Specific Conductance	296	µS/cm	CAPA-09-9457
R-23i	7001	400.3	3/3/2009	WG	Specific Conductance	304	µS/cm	CAPA-09-4355
R-23i	7001	400.3	9/10/2009	WG	Temperature	16.56	deg C	CAPA-09-12239
R-23i	7001	400.3	6/9/2009	WG	Temperature	17.8	deg C	CAPA-09-9457

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-23i	7001	400.3	3/3/2009	WG	Temperature	17.35	deg C	CAPA-09-4355
R-23i	7001	400.3	12/12/2008	WG	Temperature	13.11	deg C	CAPA-09-1197
R-23i	7001	400.3	12/3/2008	WG	Temperature	15.4	deg C	CAPA-09-1188
R-23i	7001	400.3	9/10/2009	WG	Turbidity	4.94	NTU	CAPA-09-12239
R-23i	7001	400.3	6/9/2009	WG	Turbidity	12.7	NTU	CAPA-09-9457
R-23i	7001	400.3	3/3/2009	WG	Turbidity	8.9	NTU	CAPA-09-4355
R-23i	7001	400.3	12/12/2008	WG	Turbidity	4.08	NTU	CAPA-09-1197
R-23i	7001	400.3	12/3/2008	WG	Turbidity	0.39	NTU	CAPA-09-1188
R-23i	7001	400.3	9/10/2009	WG	pH	7.09	SU	CAPA-09-12239
R-23i	7001	400.3	6/9/2009	WG	pH	7.34	SU	CAPA-09-9457
R-23i	7001	400.3	3/3/2009	WG	pH	7.46	SU	CAPA-09-4355
R-23i	7011	470.2	9/8/2009	WG	Dissolved Oxygen	1.65	mg/L	CAPA-09-12244
R-23i	7011	470.2	6/4/2009	WG	Dissolved Oxygen	5.75	mg/L	CAPA-09-9354
R-23i	7011	470.2	2/24/2009	WG	Dissolved Oxygen	1.83	mg/L	CAPA-09-4295
R-23i	7011	470.2	12/2/2008	WG	Dissolved Oxygen	5.55	mg/L	CAPA-09-1194
R-23i	7011	470.2	9/15/2008	WG	Dissolved Oxygen	5.94	mg/L	CAPA-08-15018
R-23i	7011	470.2	9/8/2009	WG	Oxidation Reduction Potential	668	mV	CAPA-09-12244
R-23i	7011	470.2	6/4/2009	WG	Oxidation Reduction Potential	251.3	mV	CAPA-09-9354
R-23i	7011	470.2	2/24/2009	WG	Oxidation Reduction Potential	256.2	mV	CAPA-09-4295
R-23i	7011	470.2	12/2/2008	WG	Oxidation Reduction Potential	105	mV	CAPA-09-1194
R-23i	7011	470.2	9/15/2008	WG	Oxidation Reduction Potential	112	mV	CAPA-08-15018
R-23i	7011	470.2	9/8/2009	WG	Specific Conductance	190	µS/cm	CAPA-09-12244
R-23i	7011	470.2	6/4/2009	WG	Specific Conductance	181	µS/cm	CAPA-09-9354
R-23i	7011	470.2	2/24/2009	WG	Specific Conductance	172	µS/cm	CAPA-09-4295
R-23i	7011	470.2	9/8/2009	WG	Temperature	15.85	deg C	CAPA-09-12244
R-23i	7011	470.2	6/4/2009	WG	Temperature	15.93	deg C	CAPA-09-9354
R-23i	7011	470.2	2/24/2009	WG	Temperature	15.63	deg C	CAPA-09-4295
R-23i	7011	470.2	12/2/2008	WG	Temperature	18.5	deg C	CAPA-09-1194

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-23i	7011	470.2	9/15/2008	WG	Temperature	19.3	deg C	CAPA-08-15018
R-23i	7011	470.2	9/8/2009	WG	Turbidity	0.46	NTU	CAPA-09-12244
R-23i	7011	470.2	6/4/2009	WG	Turbidity	0.57	NTU	CAPA-09-9354
R-23i	7011	470.2	2/24/2009	WG	Turbidity	0.32	NTU	CAPA-09-4295
R-23i	7011	470.2	12/2/2008	WG	Turbidity	2.04	NTU	CAPA-09-1194
R-23i	7011	470.2	9/15/2008	WG	Turbidity	0.68	NTU	CAPA-08-15018
R-23i	7011	470.2	9/8/2009	WG	pH	8.06	SU	CAPA-09-12244
R-23i	7011	470.2	6/4/2009	WG	pH	7.85	SU	CAPA-09-9354
R-23i	7011	470.2	2/24/2009	WG	pH	8.46	SU	CAPA-09-4295
R-23i	7021	524	9/9/2009	WG	Dissolved Oxygen	4.95	mg/L	CAPA-09-12246
R-23i	7021	524	6/10/2009	WG	Dissolved Oxygen	5.54	mg/L	CAPA-09-9361
R-23i	7021	524	2/25/2009	WG	Dissolved Oxygen	8.12	mg/L	CAPA-09-4298
R-23i	7021	524	6/11/2008	WG	Dissolved Oxygen	5.2	mg/L	CAPA-08-13158
R-23i	7021	524	3/14/2008	WG	Dissolved Oxygen	8.23	mg/L	CAPA-08-11063
R-23i	7021	524	9/9/2009	WG	Oxidation Reduction Potential	137.3	mV	CAPA-09-12246
R-23i	7021	524	6/10/2009	WG	Oxidation Reduction Potential	466.3	mV	CAPA-09-9361
R-23i	7021	524	2/25/2009	WG	Oxidation Reduction Potential	460.2	mV	CAPA-09-4298
R-23i	7021	524	6/11/2008	WG	Oxidation Reduction Potential	174	mV	CAPA-08-13158
R-23i	7021	524	3/14/2008	WG	Oxidation Reduction Potential	213	mV	CAPA-08-11063
R-23i	7021	524	9/9/2009	WG	Specific Conductance	201	µS/cm	CAPA-09-12246
R-23i	7021	524	6/10/2009	WG	Specific Conductance	197	µS/cm	CAPA-09-9361
R-23i	7021	524	2/25/2009	WG	Specific Conductance	188	µS/cm	CAPA-09-4298
R-23i	7021	524	6/11/2008	WG	Specific Conductance	183.3	µS/cm	CAPA-08-13158
R-23i	7021	524	3/14/2008	WG	Specific Conductance	185.4	µS/cm	CAPA-08-11063
R-23i	7021	524	9/9/2009	WG	Temperature	19.21	deg C	CAPA-09-12246
R-23i	7021	524	6/10/2009	WG	Temperature	17.51	deg C	CAPA-09-9361
R-23i	7021	524	2/25/2009	WG	Temperature	17.76	deg C	CAPA-09-4298
R-23i	7021	524	6/11/2008	WG	Temperature	18.4	deg C	CAPA-08-13158

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-23i	7021	524	3/14/2008	WG	Temperature	17.6	deg C	CAPA-08-11063
R-23i	7021	524	9/9/2009	WG	Turbidity	0.73	NTU	CAPA-09-12246
R-23i	7021	524	6/10/2009	WG	Turbidity	0.38	NTU	CAPA-09-9361
R-23i	7021	524	2/25/2009	WG	Turbidity	0.46	NTU	CAPA-09-4298
R-23i	7021	524	6/11/2008	WG	Turbidity	0.8	NTU	CAPA-08-13158
R-23i	7021	524	3/14/2008	WG	Turbidity	0.67	NTU	CAPA-08-11063
R-23i	7021	524	9/9/2009	WG	pH	7.78	SU	CAPA-09-12246
R-23i	7021	524	6/10/2009	WG	pH	7.87	SU	CAPA-09-9361
R-23i	7021	524	2/25/2009	WG	pH	7.98	SU	CAPA-09-4298
R-23i	7021	524	6/11/2008	WG	pH	8.1	SU	CAPA-08-13158
R-23i	7021	524	3/14/2008	WG	pH	8.2	SU	CAPA-08-11063
R-32	8421	867.5	8/31/2009	WG	Dissolved Oxygen	4.42	mg/L	CAPA-09-12277
R-32	8421	867.5	6/8/2009	WG	Dissolved Oxygen	4.2	mg/L	CAPA-09-9418
R-32	8421	867.5	2/26/2009	WG	Dissolved Oxygen	3.93	mg/L	CAPA-09-4358
R-32	8421	867.5	12/15/2008	WG	Dissolved Oxygen	3.77	mg/L	CAPA-09-1240
R-32	8421	867.5	9/8/2008	WG	Dissolved Oxygen	3.62	mg/L	CAPA-08-15079
R-32	8421	867.5	8/31/2009	WG	Oxidation Reduction Potential	40.6	mV	CAPA-09-12277
R-32	8421	867.5	6/8/2009	WG	Oxidation Reduction Potential	137.4	mV	CAPA-09-9418
R-32	8421	867.5	2/26/2009	WG	Oxidation Reduction Potential	222	mV	CAPA-09-4358
R-32	8421	867.5	12/15/2008	WG	Oxidation Reduction Potential	20.6	mV	CAPA-09-1240
R-32	8421	867.5	9/8/2008	WG	Oxidation Reduction Potential	90	mV	CAPA-08-15079
R-32	8421	867.5	8/31/2009	WG	Specific Conductance	322	µS/cm	CAPA-09-12277
R-32	8421	867.5	6/8/2009	WG	Specific Conductance	158	µS/cm	CAPA-09-9418
R-32	8421	867.5	2/26/2009	WG	Specific Conductance	149	µS/cm	CAPA-09-4358
R-32	8421	867.5	12/15/2008	WG	Specific Conductance	174	µS/cm	CAPA-09-1240
R-32	8421	867.5	8/31/2009	WG	Temperature	19.59	deg C	CAPA-09-12277
R-32	8421	867.5	6/8/2009	WG	Temperature	21.54	deg C	CAPA-09-9418
R-32	8421	867.5	2/26/2009	WG	Temperature	18.93	deg C	CAPA-09-4358

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-32	8421	867.5	12/15/2008	WG	Temperature	18.48	deg C	CAPA-09-1240
R-32	8421	867.5	9/8/2008	WG	Temperature	20.3	deg C	CAPA-08-15079
R-32	8421	867.5	8/31/2009	WG	Turbidity	1.13	NTU	CAPA-09-12277
R-32	8421	867.5	6/8/2009	WG	Turbidity	1.42	NTU	CAPA-09-9418
R-32	8421	867.5	2/26/2009	WG	Turbidity	1.61	NTU	CAPA-09-4358
R-32	8421	867.5	12/15/2008	WG	Turbidity	2.14	NTU	CAPA-09-1240
R-32	8421	867.5	9/8/2008	WG	Turbidity	1.37	NTU	CAPA-08-15079
R-32	8421	867.5	8/31/2009	WG	pH	7.09	SU	CAPA-09-12277
R-32	8421	867.5	6/8/2009	WG	pH	7.33	SU	CAPA-09-9418
R-32	8421	867.5	2/26/2009	WG	pH	7.07	SU	CAPA-09-4358
R-32	8421	867.5	12/15/2008	WG	pH	7.27	SU	CAPA-09-1240
R-37	8821	929.3	8/20/2009	WG	Dissolved Oxygen	2.65	mg/L	CAMO-09-9912
R-37	8821	929.3	7/13/2009	WG	Dissolved Oxygen	0.26	mg/L	CAMO-09-10532
R-37	8821	929.3	8/20/2009	WG	Oxidation Reduction Potential	67.9	mV	CAMO-09-9912
R-37	8821	929.3	8/20/2009	WG	Specific Conductance	233	µS/cm	CAMO-09-9912
R-37	8821	929.3	7/13/2009	WG	Specific Conductance	292	µS/cm	CAMO-09-10532
R-37	8821	929.3	8/20/2009	WG	Temperature	18.5	deg C	CAMO-09-9912
R-37	8821	929.3	7/13/2009	WG	Temperature	18.5	deg C	CAMO-09-10532
R-37	8821	929.3	8/20/2009	WG	Turbidity	1.31	NTU	CAMO-09-9912
R-37	8821	929.3	7/13/2009	WG	Turbidity	1	NTU	CAMO-09-10532
R-37	8821	929.3	8/20/2009	WG	pH	7.8	SU	CAMO-09-9912
R-37	8821	929.3	7/13/2009	WG	pH	8.06	SU	CAMO-09-10532
R-38	8631	821.2	8/21/2009	WG	Dissolved Oxygen	7.27	mg/L	CAMO-09-9566
R-38	8631	821.2	5/1/2009	WG	Dissolved Oxygen	6.9	mg/L	CAMO-09-8560
R-38	8631	821.2	5/1/2009	WG	Dissolved Oxygen	6.96	mg/L	CAMO-09-8224
R-38	8631	821.2	8/21/2009	WG	Oxidation Reduction Potential	90.1	mV	CAMO-09-9566
R-38	8631	821.2	5/1/2009	WG	Oxidation Reduction Potential	240.7	mV	CAMO-09-8560
R-38	8631	821.2	5/1/2009	WG	Oxidation Reduction Potential	233	mV	CAMO-09-8224

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-38	8631	821.2	8/21/2009	WG	Specific Conductance	244	µS/cm	CAMO-09-9566
R-38	8631	821.2	5/1/2009	WG	Specific Conductance	128	µS/cm	CAMO-09-8560
R-38	8631	821.2	5/1/2009	WG	Specific Conductance	128	µS/cm	CAMO-09-8224
R-38	8631	821.2	8/21/2009	WG	Temperature	19.09	deg C	CAMO-09-9566
R-38	8631	821.2	5/1/2009	WG	Temperature	19.4	deg C	CAMO-09-8560
R-38	8631	821.2	5/1/2009	WG	Temperature	19.27	deg C	CAMO-09-8224
R-38	8631	821.2	8/21/2009	WG	Turbidity	2.51	NTU	CAMO-09-9566
R-38	8631	821.2	5/1/2009	WG	Turbidity	1.29	NTU	CAMO-09-8560
R-38	8631	821.2	5/1/2009	WG	Turbidity	2.26	NTU	CAMO-09-8224
R-38	8631	821.2	8/21/2009	WG	pH	7.18	SU	CAMO-09-9566
R-38	8631	821.2	5/1/2009	WG	pH	6.82	SU	CAMO-09-8560
R-38	8631	821.2	5/1/2009	WG	pH	6.96	SU	CAMO-09-8224
R-39	8641	859	9/2/2009	WG	Dissolved Oxygen	5.64	mg/L	CAPA-09-12281
R-39	8641	859	6/9/2009	WG	Dissolved Oxygen	6.02	mg/L	CAPA-09-9421
R-39	8641	859	3/12/2009	WG	Dissolved Oxygen	5.23	mg/L	CAPA-09-4423
R-39	8641	859	2/19/2009	WG	Dissolved Oxygen	5.89	mg/L	CAMO-09-2987
R-39	8641	859	9/2/2009	WG	Oxidation Reduction Potential	103.5	mV	CAPA-09-12281
R-39	8641	859	6/9/2009	WG	Oxidation Reduction Potential	89.1	mV	CAPA-09-9421
R-39	8641	859	3/12/2009	WG	Oxidation Reduction Potential	146.6	mV	CAPA-09-4423
R-39	8641	859	2/19/2009	WG	Oxidation Reduction Potential	398.3	mV	CAMO-09-2987
R-39	8641	859	9/2/2009	WG	Specific Conductance	133	µS/cm	CAPA-09-12281
R-39	8641	859	6/9/2009	WG	Specific Conductance	133	µS/cm	CAPA-09-9421
R-39	8641	859	3/12/2009	WG	Specific Conductance	126	µS/cm	CAPA-09-4423
R-39	8641	859	2/19/2009	WG	Specific Conductance	141	µS/cm	CAMO-09-2987
R-39	8641	859	9/2/2009	WG	Temperature	22.8	deg C	CAPA-09-12281
R-39	8641	859	6/9/2009	WG	Temperature	23.09	deg C	CAPA-09-9421
R-39	8641	859	3/12/2009	WG	Temperature	21.97	deg C	CAPA-09-4423
R-39	8641	859	2/19/2009	WG	Temperature	20.58	deg C	CAMO-09-2987

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-39	8641	859	9/2/2009	WG	Turbidity	2.58	NTU	CAPA-09-12281
R-39	8641	859	6/9/2009	WG	Turbidity	2.61	NTU	CAPA-09-9421
R-39	8641	859	3/12/2009	WG	Turbidity	4.47	NTU	CAPA-09-4423
R-39	8641	859	2/19/2009	WG	Turbidity	11.2	NTU	CAMO-09-2987
R-39	8641	859	9/2/2009	WG	pH	7.67	SU	CAPA-09-12281
R-39	8641	859	6/9/2009	WG	pH	7.76	SU	CAPA-09-9421
R-39	8641	859	3/12/2009	WG	pH	7.69	SU	CAPA-09-4423
R-39	8641	859	2/19/2009	WG	pH	7.48	SU	CAMO-09-2987
R-40	8691	649.7	8/31/2009	WG	Dissolved Oxygen	0.28	mg/L	CAPA-09-12253
R-40	8691	649.7	6/10/2009	WG	Dissolved Oxygen	0.5	mg/L	CAPA-09-9443
R-40	8691	649.7	1/28/2009	WG	Dissolved Oxygen	1.76	mg/L	CAPA-09-2797
R-40	8691	649.7	8/31/2009	WG	Oxidation Reduction Potential	-90.8	mV	CAPA-09-12253
R-40	8691	649.7	6/10/2009	WG	Oxidation Reduction Potential	-129.5	mV	CAPA-09-9443
R-40	8691	649.7	1/28/2009	WG	Oxidation Reduction Potential	382.8	mV	CAPA-09-2797
R-40	8691	649.7	8/31/2009	WG	Specific Conductance	213	µS/cm	CAPA-09-12253
R-40	8691	649.7	6/10/2009	WG	Specific Conductance	208	µS/cm	CAPA-09-9443
R-40	8691	649.7	1/28/2009	WG	Specific Conductance	194	µS/cm	CAPA-09-2797
R-40	8691	649.7	8/31/2009	WG	Temperature	17.03	deg C	CAPA-09-12253
R-40	8691	649.7	6/10/2009	WG	Temperature	16.7	deg C	CAPA-09-9443
R-40	8691	649.7	1/28/2009	WG	Temperature	18.82	deg C	CAPA-09-2797
R-40	8691	649.7	8/31/2009	WG	Turbidity	1.44	NTU	CAPA-09-12253
R-40	8691	649.7	6/10/2009	WG	Turbidity	3.01	NTU	CAPA-09-9443
R-40	8691	649.7	1/28/2009	WG	Turbidity	5.69	NTU	CAPA-09-2797
R-40	8691	649.7	8/31/2009	WG	pH	7.09	SU	CAPA-09-12253
R-40	8691	649.7	6/10/2009	WG	pH	6.92	SU	CAPA-09-9443
R-40	8691	649.7	1/28/2009	WG	pH	6.69	SU	CAPA-09-2797
R-40	8701	751.6	9/4/2009	WG	Dissolved Oxygen	6	mg/L	CAPA-09-12314
R-40	8701	751.6	4/21/2009	WG	Dissolved Oxygen	201	mg/L	CAPA-09-8346

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-40	8701	751.6	9/4/2009	WG	Oxidation Reduction Potential	346.1	mV	CAPA-09-12314
R-40	8701	751.6	4/21/2009	WG	Oxidation Reduction Potential	-363.1	mV	CAPA-09-8346
R-40	8701	751.6	4/21/2009	WG	Specific Conductance	176	µS/cm	CAPA-09-8346
R-40	8701	751.6	9/4/2009	WG	Temperature	15.13	deg C	CAPA-09-12314
R-40	8701	751.6	4/21/2009	WG	Temperature	17.72	deg C	CAPA-09-8346
R-40	8701	751.6	9/4/2009	WG	Turbidity	2.31	NTU	CAPA-09-12314
R-40	8701	751.6	4/21/2009	WG	Turbidity	3.78	NTU	CAPA-09-8346
R-40	8701	751.6	9/4/2009	WG	pH	7.75	SU	CAPA-09-12314
R-40	8701	751.6	4/21/2009	WG	pH	7.28	SU	CAPA-09-8346
R-40	8711	849.3	9/3/2009	WG	Dissolved Oxygen	4.68	mg/L	CAPA-09-12317
R-40	8711	849.3	1/15/2009	WG	Dissolved Oxygen	2.88	mg/L	CAPA-09-1888
R-40	8711	849.3	9/3/2009	WG	Oxidation Reduction Potential	122.5	mV	CAPA-09-12317
R-40	8711	849.3	1/15/2009	WG	Oxidation Reduction Potential	440.3	mV	CAPA-09-1888
R-40	8711	849.3	9/3/2009	WG	Specific Conductance	129	µS/cm	CAPA-09-12317
R-40	8711	849.3	1/15/2009	WG	Specific Conductance	157	µS/cm	CAPA-09-1888
R-40	8711	849.3	9/3/2009	WG	Temperature	21.17	deg C	CAPA-09-12317
R-40	8711	849.3	1/15/2009	WG	Temperature	20.86	deg C	CAPA-09-1888
R-40	8711	849.3	9/3/2009	WG	Turbidity	4.05	NTU	CAPA-09-12317
R-40	8711	849.3	1/15/2009	WG	Turbidity	13.7	NTU	CAPA-09-1888
R-40	8711	849.3	9/3/2009	WG	pH	7.37	SU	CAPA-09-12317
R-40	8711	849.3	1/15/2009	WG	pH	7.13	SU	CAPA-09-1888
R-41	8791	965.3	9/1/2009	WG	Dissolved Oxygen	3.11	mg/L	CAPA-09-12294
R-41	8791	965.3	4/2/2009	WG	Dissolved Oxygen	7	mg/L	CAMO-09-6908
R-41	8791	965.3	4/1/2009	WG	Dissolved Oxygen	5.36	mg/L	CAMO-09-6903
R-41	8791	965.3	9/1/2009	WG	Oxidation Reduction Potential	18.8	mV	CAPA-09-12294
R-41	8791	965.3	4/2/2009	WG	Oxidation Reduction Potential	46.7	mV	CAMO-09-6908
R-41	8791	965.3	4/1/2009	WG	Oxidation Reduction Potential	75.6	mV	CAMO-09-6903
R-41	8791	965.3	9/1/2009	WG	Specific Conductance	344	µS/cm	CAPA-09-12294

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-41	8791	965.3	4/2/2009	WG	Specific Conductance	174	µS/cm	CAMO-09-6908
R-41	8791	965.3	4/1/2009	WG	Specific Conductance	199	µS/cm	CAMO-09-6903
R-41	8791	965.3	9/1/2009	WG	Temperature	24.12	deg C	CAPA-09-12294
R-41	8791	965.3	4/2/2009	WG	Temperature	22.09	deg C	CAMO-09-6908
R-41	8791	965.3	4/1/2009	WG	Temperature	16.57	deg C	CAMO-09-6903
R-41	8791	965.3	9/1/2009	WG	Turbidity	1.3	NTU	CAPA-09-12294
R-41	8791	965.3	4/2/2009	WG	Turbidity	7.5	NTU	CAMO-09-6908
R-41	8791	965.3	4/1/2009	WG	Turbidity	27.7	NTU	CAMO-09-6903
R-41	8791	965.3	9/1/2009	WG	pH	7.79	SU	CAPA-09-12294
R-41	8791	965.3	4/2/2009	WG	pH	8.12	SU	CAMO-09-6908
R-41	8791	965.3	4/1/2009	WG	pH	8.18	SU	CAMO-09-6903
R-49	8831	845	9/1/2009	WG	Dissolved Oxygen	5.08	mg/L	CAPA-09-12297
R-49	8831	845	6/23/2009	WG	Dissolved Oxygen	0.52	mg/L	CAMO-09-10840
R-49	8831	845	9/1/2009	WG	Oxidation Reduction Potential	110.2	mV	CAPA-09-12297
R-49	8831	845	6/23/2009	WG	Oxidation Reduction Potential	59.1	mV	CAMO-09-10840
R-49	8831	845	9/1/2009	WG	Specific Conductance	200	µS/cm	CAPA-09-12297
R-49	8831	845	6/23/2009	WG	Specific Conductance	189	µS/cm	CAMO-09-10840
R-49	8831	845	9/1/2009	WG	Temperature	22.94	deg C	CAPA-09-12297
R-49	8831	845	6/23/2009	WG	Temperature	23.7	deg C	CAMO-09-10840
R-49	8831	845	9/1/2009	WG	Turbidity	30	NTU	CAPA-09-12297
R-49	8831	845	6/23/2009	WG	Turbidity	4.2	NTU	CAMO-09-10840
R-49	8831	845	9/1/2009	WG	pH	7.18	SU	CAPA-09-12297
R-49	8831	845	6/23/2009	WG	pH	7.86	SU	CAMO-09-10840
R-49	8841	905.6	9/1/2009	WG	Dissolved Oxygen	5.52	mg/L	CAPA-09-12300
R-49	8841	905.6	6/18/2009	WG	Dissolved Oxygen	7	mg/L	CAMO-09-10515
R-49	8841	905.6	9/1/2009	WG	Oxidation Reduction Potential	190.1	mV	CAPA-09-12300
R-49	8841	905.6	6/18/2009	WG	Oxidation Reduction Potential	60.7	mV	CAMO-09-10515
R-49	8841	905.6	9/1/2009	WG	Specific Conductance	151	µS/cm	CAPA-09-12300

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
R-49	8841	905.6	6/18/2009	WG	Specific Conductance	103	µS/cm	CAMO-09-10515
R-49	8841	905.6	9/1/2009	WG	Temperature	22.98	deg C	CAPA-09-12300
R-49	8841	905.6	6/18/2009	WG	Temperature	20.72	deg C	CAMO-09-10515
R-49	8841	905.6	9/1/2009	WG	Turbidity	0.69	NTU	CAPA-09-12300
R-49	8841	905.6	6/18/2009	WG	Turbidity	1.01	NTU	CAMO-09-10515
R-49	8841	905.6	9/1/2009	WG	pH	7.81	SU	CAPA-09-12300
R-49	8841	905.6	6/18/2009	WG	pH	7.83	SU	CAMO-09-10515
Starmer Spring	—	—	3/5/2009	WG	Specific Conductance	135	µS/cm	CAPA-09-4078
Starmer Spring	—	—	12/4/2008	WG	Specific Conductance	163	µS/cm	CAPA-09-1096
Starmer Spring	—	—	9/11/2008	WG	Specific Conductance	387	µS/cm	CAPA-08-14912
Starmer Spring	—	—	6/24/2008	WG	Specific Conductance	109.6	µS/cm	CAPA-08-13057
Starmer Spring	—	—	3/5/2009	WG	pH	6.26	SU	CAPA-09-4078
Starmer Spring	—	—	12/4/2008	WG	pH	6.56	SU	CAPA-09-1096
Starmer Spring	—	—	9/11/2008	WG	pH	6.21	SU	CAPA-08-14912
Starmer Spring	—	—	6/24/2008	WG	pH	6	SU	CAPA-08-13057
TW-1.72 Spring	—	—	9/16/2009	WG	Dissolved Oxygen	6.73	mg/L	CAPA-09-12114
TW-1.72 Spring	—	—	3/11/2009	WG	Dissolved Oxygen	9.35	mg/L	CAPA-09-4091
TW-1.72 Spring	—	—	12/11/2008	WG	Dissolved Oxygen	3.63	mg/L	CAPA-09-1108
TW-1.72 Spring	—	—	12/13/2006	WG	Dissolved Oxygen	7.38	mg/L	FU061100G17201
TW-1.72 Spring	—	—	6/28/2005	WG	Dissolved Oxygen	2.31	mg/L	FU05060G17201
TW-1.72 Spring	—	—	9/16/2009	WG	Specific Conductance	552	µS/cm	CAPA-09-12114
TW-1.72 Spring	—	—	3/11/2009	WG	Specific Conductance	436	µS/cm	CAPA-09-4091
TW-1.72 Spring	—	—	12/11/2008	WG	Specific Conductance	189	µS/cm	CAPA-09-1108
TW-1.72 Spring	—	—	12/13/2006	WG	Specific Conductance	235	µS/cm	FU061100G17201
TW-1.72 Spring	—	—	6/28/2005	WG	Specific Conductance	46.4	µS/cm	FU05060G17201
TW-1.72 Spring	—	—	9/16/2009	WG	Temperature	14.29	deg C	CAPA-09-12114
TW-1.72 Spring	—	—	3/11/2009	WG	Temperature	7.72	deg C	CAPA-09-4091
TW-1.72 Spring	—	—	12/11/2008	WG	Temperature	4.34	deg C	CAPA-09-1108

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
TW-1.72 Spring	—	—	12/13/2006	WG	Temperature	1.48	deg C	FU061100G17201
TW-1.72 Spring	—	—	6/28/2005	WG	Temperature	14.1	deg C	FU05060G17201
TW-1.72 Spring	—	—	9/16/2009	WG	Turbidity	108	NTU	CAPA-09-12114
TW-1.72 Spring	—	—	3/11/2009	WG	Turbidity	2.48	NTU	CAPA-09-4091
TW-1.72 Spring	—	—	12/11/2008	WG	Turbidity	124	NTU	CAPA-09-1108
TW-1.72 Spring	—	—	12/13/2006	WG	Turbidity	33.1	NTU	FU061100G17201
TW-1.72 Spring	—	—	6/28/2005	WG	Turbidity	24.4	NTU	FU05060G17201
TW-1.72 Spring	—	—	9/16/2009	WG	pH	6.89	SU	CAPA-09-12114
TW-1.72 Spring	—	—	3/11/2009	WG	pH	6.84	SU	CAPA-09-4091
TW-1.72 Spring	—	—	12/11/2008	WG	pH	7.2	SU	CAPA-09-1108
TW-1.72 Spring	—	—	12/13/2006	WG	pH	6.84	SU	FU061100G17201
TW-1.72 Spring	—	—	6/28/2005	WG	pH	6.92	SU	FU05060G17201
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	Dissolved Oxygen	7.62	mg/L	CAPA-09-12078
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	Dissolved Oxygen	10.12	mg/L	CAPA-09-4061
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	Dissolved Oxygen	16.85	mg/L	CAPA-09-1075
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	Dissolved Oxygen	7.28	mg/L	CAPA-08-14892
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	Dissolved Oxygen	4.74	mg/L	CAPA-08-13037
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	Specific Conductance	206	µS/cm	CAPA-09-12078
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	Specific Conductance	401	µS/cm	CAPA-09-4061
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	Specific Conductance	227	µS/cm	CAPA-09-1075
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	Specific Conductance	302	µS/cm	CAPA-08-14892
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	Specific Conductance	534	µS/cm	CAPA-08-13037
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	Temperature	12.4	deg C	CAPA-09-12078
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	Temperature	1.39	deg C	CAPA-09-4061
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	Temperature	0.29	deg C	CAPA-09-1075
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	Temperature	13.5	deg C	CAPA-08-14892
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	Temperature	16.4	deg C	CAPA-08-13037
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	Turbidity	87.7	NTU	CAPA-09-12078

Location	Port	Depth (ft)	Date	Field Matrix	Analyte	Result	Units	Sample
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	Turbidity	2.86	NTU	CAPA-09-4061
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	Turbidity	65.7	NTU	CAPA-09-1075
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	Turbidity	69	NTU	CAPA-08-14892
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	Turbidity	28.8	NTU	CAPA-08-13037
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	pH	7.26	SU	CAPA-09-12078
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	pH	6.6	SU	CAPA-09-4061
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	pH	6.07	SU	CAPA-09-1075
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	pH	7.13	SU	CAPA-08-14892
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	pH	6.8	SU	CAPA-08-13037

— = Not applicable.
µS/cm = Microsiemens per centimeter.
mV = Millivolt.
NTU = Nephelometric turbidity unit.
SU = Standard unit.
WG = Groundwater.
WS = Surface water.

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
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	4.16	—	—	0.73	mg/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	6.23	—	—	0.73	mg/L	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	6.23	—	—	0.73	mg/L	—	—	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	6.3	—	—	0.73	mg/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	11.5	—	—	0.73	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	6/21/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	9.48	—	—	0.73	mg/L	—	—	08-1421	CAPA-08-13206	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67	—	—	0.73	mg/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.5	—	—	0.73	mg/L	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.5	—	—	0.73	mg/L	—	—	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	72.5	—	—	0.73	mg/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	73.8	—	—	0.73	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	6/21/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71.1	—	—	0.73	mg/L	—	—	08-1421	CAPA-08-13206	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.34	—	—	0.066	mg/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.22	—	—	0.066	mg/L	—	—	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.45	—	—	0.066	mg/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3	—	—	0.066	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	6/21/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.31	—	—	0.066	mg/L	—	—	08-1421	CAPA-08-13206	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	1.96	—	—	—	mg/L	—	—	0	CAPA-09-9410	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	1.01	—	—	—	mg/L	—	—	0	CAPA-09-14363	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	1.01	—	—	—	mg/L	—	—	0	CAPA-09-4370	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	1.01	—	—	—	mg/L	—	—	0	CAPA-09-5500	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	0.97	—	—	—	mg/L	—	—	0	CAPA-09-5498	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	0.74	—	—	—	mg/L	—	—	0	CAPA-09-4597	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	0.71	—	—	—	mg/L	—	—	0	CAPA-09-5497	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	1.82	—	—	—	mg/L	—	—	0	CAPA-09-4601	FLD
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	1.52	—	—	—	mg/L	—	—	0	CAPA-09-1224	FLD
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	1.29	—	—	—	mg/L	—	—	0	CAPA-08-15063	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	3.23	—	—	—	mg/L	—	—	0	GW20-08-11444	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	3.38	—	—	—	mg/L	—	—	0	GW20-08-11443	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	3.26	—	—	—	mg/L	—	—	0	GW20-08-11442	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	3.25	—	—	—	mg/L	—	—	0	GW20-08-11441	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	3.03	—	—	—	mg/L	—	—	0	GW20-08-11440	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Dissolved Oxygen	—	4.04	—	—	—	mg/L	—	—	0	GW20-08-11439	FLD
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.406	—	—	0.033	mg/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.287	—	—	0.033	mg/L	—	—	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.341	—	—	0.033	mg/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.302	—	—	0.033	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	6/21/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.323	—	—	0.033	mg/L	—	—	08-1421	CAPA-08-13206	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Geninorg	Field	Oxidation Reduction Potential	—	-83.6	—	—	—	mV	—	—	0	CAPA-09-9410	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Oxidation Reduction Potential	—	151	—	—	—	mV	—	—	0	CAPA-09-14363	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Oxidation Reduction Potential	—	151	—	—	—	mV	—	—	0	CAPA-09-4370	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Oxidation Reduction Potential	—	139.7	—	—	—	mV	—	—	0	CAPA-09-5500	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Oxidation Reduction Potential	—	133.9	—	—	—	mV	—	—	0	CAPA-09-5498	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Oxidation Reduction Potential	—	112.9	—	—	—	mV	—	—	0	CAPA-09-4597	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Oxidation Reduction Potential	—	160	—	—	—	mV	—	—	0	CAPA-09-5497	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Oxidation Reduction Potential	—	244.6	—	—	—	mV	—	—	0	CAPA-09-4601	FLD
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Geninorg	Field	Oxidation Reduction Potential	—	118.1	—	—	—	mV	—	—	0	CAPA-09-1224	FLD
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Geninorg	Field	Oxidation Reduction Potential	—	16	—	—	—	mV	—	—	0	CAPA-08-15063	FLD
R-20	8441	904.6	6/21/2008	WG	UF	CS	—	Geninorg	Field	Oxidation Reduction Potential	—	-44	—	—	—	mV	—	—	0	CAPA-08-13207	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Oxidation Reduction Potential	—	161	—	—	—	mV	—	—	0	GW20-08-11444	FLD

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-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Oxidation Reduction Potential	—	155	—	—	—	mV	—	—	0	GW20-08-11443	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Oxidation Reduction Potential	—	170	—	—	—	mV	—	—	0	GW20-08-11442	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Oxidation Reduction Potential	—	161	—	—	—	mV	—	—	0	GW20-08-11441	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Oxidation Reduction Potential	—	147	—	—	—	mV	—	—	0	GW20-08-11440	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Oxidation Reduction Potential	—	163	—	—	—	mV	—	—	0	GW20-08-11439	FLD
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.171	—	—	0.05	ug/L	J	J	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.173	—	—	0.05	ug/L	J	J	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.173	—	—	0.05	ug/L	J	J	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.106	—	—	0.05	ug/L	J	J	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.125	—	—	0.05	ug/L	J	J	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	6/21/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.139	—	—	0.05	ug/L	J	J	08-1421	CAPA-08-13206	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	144	—	—	1	uS/cm	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	139	—	—	1	uS/cm	—	—	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	139	—	—	1	uS/cm	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	159	—	—	1	uS/cm	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	167	—	—	1	uS/cm	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	6/21/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	148	—	—	1	uS/cm	—	—	08-1421	CAPA-08-13206	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	141	—	—	—	uS/cm	—	—	0	CAPA-09-9410	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	146	—	—	—	uS/cm	—	—	0	CAPA-09-4370	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	146	—	—	—	uS/cm	—	—	0	CAPA-09-14363	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	148	—	—	—	uS/cm	—	—	0	CAPA-09-5500	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	145	—	—	—	uS/cm	—	—	0	CAPA-09-5498	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	152	—	—	—	uS/cm	—	—	0	CAPA-09-4597	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	153	—	—	—	uS/cm	—	—	0	CAPA-09-5497	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	155	—	—	—	uS/cm	—	—	0	CAPA-09-4601	FLD
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	160	—	—	—	uS/cm	—	—	0	CAPA-09-1224	FLD
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	143.9	—	—	—	uS/cm	—	—	0	CAPA-08-15063	FLD
R-20	8441	904.6	6/21/2008	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	135.3	—	—	—	uS/cm	—	—	0	CAPA-08-13207	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	134.3	—	—	—	uS/cm	—	—	0	GW20-08-11444	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	135.3	—	—	—	uS/cm	—	—	0	GW20-08-11443	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	136.3	—	—	—	uS/cm	—	—	0	GW20-08-11442	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	136.3	—	—	—	uS/cm	—	—	0	GW20-08-11441	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	137.8	—	—	—	uS/cm	—	—	0	GW20-08-11440	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Specific Conductance	—	134.3	—	—	—	uS/cm	—	—	0	GW20-08-11439	FLD
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.35	—	—	0.1	mg/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.29	—	—	0.1	mg/L	—	—	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.75	—	—	0.1	mg/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.69	—	—	0.1	mg/L	—	J-	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	6/21/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.38	—	—	0.1	mg/L	—	J-	08-1421	CAPA-08-13206	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Geninorg	Field	Temperature	—	18.18	—	—	—	deg C	—	—	0	CAPA-09-9410	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Temperature	—	17.64	—	—	—	deg C	—	—	0	CAPA-09-14363	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Temperature	—	17.64	—	—	—	deg C	—	—	0	CAPA-09-4370	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Temperature	—	17.8	—	—	—	deg C	—	—	0	CAPA-09-5500	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Temperature	—	16.27	—	—	—	deg C	—	—	0	CAPA-09-5498	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Temperature	—	17.5	—	—	—	deg C	—	—	0	CAPA-09-4597	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Temperature	—	17.4	—	—	—	deg C	—	—	0	CAPA-09-5497	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Temperature	—	17.14	—	—	—	deg C	—	—	0	CAPA-09-4601	FLD
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Geninorg	Field	Temperature	—	17.62	—	—	—	deg C	—	—	0	CAPA-09-1224	FLD
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Geninorg	Field	Temperature	—	19.1	—	—	—	deg C	—	—	0	CAPA-08-15063	FLD
R-20	8441	904.6	6/21/2008	WG	UF	CS	—	Geninorg	Field	Temperature	—	18.2	—	—	—	deg C	—	—	0	CAPA-08-13207	FLD

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-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Temperature	—	24	—	—	—	deg C	—	—	0	GW20-08-11444	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Temperature	—	23.5	—	—	—	deg C	—	—	0	GW20-08-11443	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Temperature	—	22.7	—	—	—	deg C	—	—	0	GW20-08-11442	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Temperature	—	22.7	—	—	—	deg C	—	—	0	GW20-08-11441	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Temperature	—	21.4	—	—	—	deg C	—	—	0	GW20-08-11440	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Temperature	—	17	—	—	—	deg C	—	—	0	GW20-08-11439	FLD
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	140	—	—	2.4	mg/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.4	mg/L	—	J	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.4	mg/L	—	J	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	149	—	—	2.4	mg/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.4	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	6/21/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	140	—	—	2.4	mg/L	—	—	08-1421	CAPA-08-13206	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.032	—	—	0.029	mg/L	J	J	09-1178	CAPA-09-4370	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.032	—	—	0.029	mg/L	J	J	09-1178	CAPA-09-14363	GELC
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.084	—	—	0.029	mg/L	J	U	09-567	CAPA-09-1224	GELC
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	U	08-1988	CAPA-08-15063	GELC
R-20	8441	904.6	6/21/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	UJ	08-1421	CAPA-08-13207	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.17	—	—	0.33	mg/L	—	—	09-1178	CAPA-09-14363	GELC
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.34	—	—	0.33	mg/L	—	—	09-567	CAPA-09-1224	GELC
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.51	—	—	0.33	mg/L	—	—	08-1988	CAPA-08-15063	GELC
R-20	8441	904.6	6/21/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.94	—	—	0.33	mg/L	—	—	08-1421	CAPA-08-13207	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.03	—	—	0.024	mg/L	J	J	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.249	—	—	0.024	mg/L	—	J	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.074	—	—	0.024	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	6/21/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.058	—	—	0.024	mg/L	—	—	08-1421	CAPA-08-13206	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Geninorg	Field	Turbidity	—	0.73	—	—	—	NTU	—	—	0	CAPA-09-9410	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Turbidity	—	0.77	—	—	—	NTU	—	—	0	CAPA-09-14363	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Turbidity	—	0.77	—	—	—	NTU	—	—	0	CAPA-09-4370	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Turbidity	—	0.68	—	—	—	NTU	—	—	0	CAPA-09-5500	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Turbidity	—	0.67	—	—	—	NTU	—	—	0	CAPA-09-5498	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Turbidity	—	0.55	—	—	—	NTU	—	—	0	CAPA-09-4597	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Turbidity	—	0.64	—	—	—	NTU	—	—	0	CAPA-09-5497	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	Turbidity	—	0.71	—	—	—	NTU	—	—	0	CAPA-09-4601	FLD
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Geninorg	Field	Turbidity	—	1.85	—	—	—	NTU	—	—	0	CAPA-09-1224	FLD
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Geninorg	Field	Turbidity	—	1.11	—	—	—	NTU	—	—	0	CAPA-08-15063	FLD
R-20	8441	904.6	6/21/2008	WG	UF	CS	—	Geninorg	Field	Turbidity	—	0.82	—	—	—	NTU	—	—	0	CAPA-08-13207	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Turbidity	—	3.71	—	—	—	NTU	—	—	0	GW20-08-11444	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Turbidity	—	3.69	—	—	—	NTU	—	—	0	GW20-08-11443	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Turbidity	—	3.23	—	—	—	NTU	—	—	0	GW20-08-11442	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Turbidity	—	6.9	—	—	—	NTU	—	—	0	GW20-08-11441	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Turbidity	—	23.1	—	—	—	NTU	—	—	0	GW20-08-11440	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	Turbidity	—	53.5	—	—	—	NTU	—	—	0	GW20-08-11439	FLD
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.38	—	—	0.01	SU	H	J-	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.61	—	—	0.01	SU	H	J-	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.61	—	—	0.01	SU	H	J-	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.67	—	—	0.01	SU	H	J-	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.79	—	—	0.01	SU	H	J-	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	6/21/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.61	—	—	0.01	SU	H	J-	08-1421	CAPA-08-13206	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Geninorg	Field	pH	—	8.39	—	—	—	SU	—	—	0	CAPA-09-9410	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	pH	—	8.6	—	—	—	SU	—	—	0	CAPA-09-14363	FLD

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-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	pH	—	8.6	—	—	—	SU	—	—	0	CAPA-09-4370	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	pH	—	8.57	—	—	—	SU	—	—	0	CAPA-09-5500	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	pH	—	8.54	—	—	—	SU	—	—	0	CAPA-09-5498	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	pH	—	8.58	—	—	—	SU	—	—	0	CAPA-09-4597	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	pH	—	8.56	—	—	—	SU	—	—	0	CAPA-09-5497	FLD
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	Field	pH	—	8.47	—	—	—	SU	—	—	0	CAPA-09-4601	FLD
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Geninorg	Field	pH	—	8.36	—	—	—	SU	—	—	0	CAPA-09-1224	FLD
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Geninorg	Field	pH	—	8.79	—	—	—	SU	—	—	0	CAPA-08-15063	FLD
R-20	8441	904.6	6/21/2008	WG	UF	CS	—	Geninorg	Field	pH	—	8.51	—	—	—	SU	—	—	0	CAPA-08-13207	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	pH	—	8.24	—	—	—	SU	—	—	0	GW20-08-11444	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	pH	—	8.28	—	—	—	SU	—	—	0	GW20-08-11443	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	pH	—	8.28	—	—	—	SU	—	—	0	GW20-08-11442	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	pH	—	8.3	—	—	—	SU	—	—	0	GW20-08-11441	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	pH	—	8.36	—	—	—	SU	—	—	0	GW20-08-11440	FLD
R-20	8441	904.6	3/21/2008	WG	UF	CS	—	Geninorg	Field	pH	—	8.33	—	—	—	SU	—	—	0	GW20-08-11439	FLD

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
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.5	—	—	0.73	mg/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.6	—	—	0.73	mg/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	41	—	—	0.73	mg/L	—	—	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	6.75	—	—	0.05	mg/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	0.03	mg/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	0.03	mg/L	—	—	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	7	—	—	0.03	mg/L	—	—	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.7	—	—	0.05	mg/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15	—	—	0.03	mg/L	—	—	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.8	—	—	0.03	mg/L	—	—	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.51	—	—	0.03	mg/L	—	—	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	43.9	—	—	0.33	mg/L	—	J-	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	119	—	—	0.66	mg/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	166	—	—	1.3	mg/L	—	J+	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.217	—	—	0.033	mg/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.16	—	—	0.033	mg/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.127	—	—	0.033	mg/L	—	—	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	29.4	—	—	0.35	mg/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.9	—	—	0.35	mg/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.5	—	—	0.35	mg/L	—	—	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	23.4	—	—	0.35	mg/L	—	—	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.7	—	—	0.35	mg/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	63.2	—	—	0.35	mg/L	—	—	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	48.8	—	—	0.35	mg/L	—	—	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	25.3	—	—	0.35	mg/L	—	—	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.04	—	—	0.085	mg/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.63	—	—	0.085	mg/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.6	—	—	0.085	mg/L	—	—	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.43	—	—	0.085	mg/L	—	—	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.23	—	—	0.085	mg/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.26	—	—	0.085	mg/L	—	—	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.5	—	—	0.085	mg/L	—	—	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.59	—	—	0.085	mg/L	—	—	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0815	—	—	0.05	mg/L	J	J	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.171	—	—	0.01	mg/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0865	—	—	0.01	mg/L	—	—	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0632	—	—	0.05	ug/L	J	J	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.141	—	—	0.05	ug/L	J	J	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.432	—	—	0.05	ug/L	—	—	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.14	—	—	0.05	mg/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.67	—	—	0.05	mg/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.65	—	—	0.05	mg/L	—	—	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.53	—	—	0.05	mg/L	—	—	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.38	—	—	0.05	mg/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.9	—	—	0.05	mg/L	—	—	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.53	—	—	0.05	mg/L	—	—	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.65	—	—	0.05	mg/L	—	—	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	57.3	—	—	0.1	mg/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	91.3	—	—	0.045	mg/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	105	—	—	0.045	mg/L	—	—	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	65.6	—	—	0.045	mg/L	—	—	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	56.6	—	—	0.1	mg/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	105	—	—	0.045	mg/L	—	—	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	107	—	—	0.045	mg/L	—	—	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	64.9	—	—	0.045	mg/L	—	—	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	298	—	—	1	uS/cm	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	565	—	—	1	uS/cm	—	—	09-2281	CAPA-09-9336	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
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	644	—	—	1	uS/cm	—	—	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.99	—	—	0.1	mg/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.6	—	—	0.1	mg/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.34	—	—	0.1	mg/L	—	—	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	329	—	—	2.4	mg/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	344	—	—	2.4	mg/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	371	—	—	2.4	mg/L	—	—	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.799	—	—	0.033	mg/L	—	J-	09-3218	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.88	—	—	0.033	mg/L	—	J+	09-2279	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	U	09-1195	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.272	—	—	0.029	mg/L	—	U	09-549	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/18/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.134	—	—	0.029	mg/L	—	—	08-1984	CAPA-08-15020	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	10.3	—	—	1.7	mg/L	—	—	09-3218	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	8.77	—	—	0.66	mg/L	—	—	09-2279	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.48	—	—	0.33	mg/L	—	—	09-1195	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.44	—	—	0.66	mg/L	—	—	09-549	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/18/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	12.6	—	—	0.33	mg/L	—	—	08-1984	CAPA-08-15020	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.34	—	—	0.01	SU	H	J-	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.62	—	—	0.01	SU	H	J-	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.22	—	—	0.01	SU	H	J-	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	17200	—	—	68	ug/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	5390	—	—	68	ug/L	N	J+	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1070	—	—	68	ug/L	—	—	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	387	—	—	68	ug/L	N*	J+	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	27600	—	—	68	ug/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	39600	—	—	68	ug/L	N	J+	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	7950	—	—	68	ug/L	—	—	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	533	—	—	68	ug/L	N*	J+	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.23	—	—	1.5	ug/L	J	J	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	3	—	—	1.5	ug/L	J	U	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.9	—	—	1.5	ug/L	J	J	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.68	—	—	1.5	ug/L	J	J	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.5	ug/L	J	U	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	85	—	—	1	ug/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	78.8	—	—	1	ug/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	82.3	—	—	1	ug/L	—	—	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	47.4	—	—	1	ug/L	—	—	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	117	—	—	1	ug/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	174	—	—	1	ug/L	—	—	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	105	—	—	1	ug/L	—	—	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	57.7	—	—	1	ug/L	—	—	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	—	1.24	—	—	1	ug/L	J	J	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1	ug/L	U	U	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1	ug/L	U	U	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	<	1.9	—	—	1	ug/L	J	U	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	—	1.78	—	—	1	ug/L	J	J	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	—	1.86	—	—	1	ug/L	J	J	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1	ug/L	U	U	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	<	2.9	—	—	1	ug/L	J	U	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Metals	SW-846:6020	Cadmium	—	0.23	—	—	0.11	ug/L	J	J	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	—	0.302	—	—	0.11	ug/L	J	J	09-3219	CAPA-09-13191	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
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	—	0.178	—	—	0.11	ug/L	J	J	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	9.12	—	—	2.5	ug/L	J	J	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.34	—	—	2.5	ug/L	J	J	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3.1	—	—	1.5	ug/L	—	U	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	13.5	—	—	2.5	ug/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	10.1	—	—	2.5	ug/L	—	—	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5	—	—	1.5	ug/L	—	—	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3.4	—	—	1.5	ug/L	—	U	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	8.7	—	—	3	ug/L	J	J	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	4.79	—	—	3	ug/L	J	J	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	3.3	—	—	3	ug/L	J	J	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	12.2	—	—	3	ug/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	14.1	—	—	3	ug/L	—	—	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	5.8	—	—	3	ug/L	J	J	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	10400	—	—	30	ug/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	2810	—	—	25	ug/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	523	—	—	25	ug/L	E*	J	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	181	—	—	25	ug/L	*	—	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	16600	—	—	30	ug/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	20200	—	—	25	ug/L	—	—	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	4060	—	—	25	ug/L	E*	J	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	242	—	—	25	ug/L	*	—	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	—	10.6	—	—	0.5	ug/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	—	3.16	—	—	0.5	ug/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	—	0.67	—	—	0.5	ug/L	J	J	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	—	1.5	—	—	0.5	ug/L	J	J	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	17.4	—	—	0.5	ug/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	18.1	—	—	0.5	ug/L	—	—	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	5.1	—	—	0.5	ug/L	—	—	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	3.3	—	—	0.5	ug/L	—	—	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	59.3	—	—	2	ug/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	15.1	—	—	2	ug/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.3	—	—	2	ug/L	J	J	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.6	—	—	2	ug/L	J*	J	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	85.3	—	—	2	ug/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	83.3	—	—	2	ug/L	—	—	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	21.3	—	—	2	ug/L	—	—	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.6	—	—	2	ug/L	J*	J	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.53	—	—	0.1	ug/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.906	—	—	0.1	ug/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.51	—	—	0.1	ug/L	—	—	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.54	—	—	0.1	ug/L	—	—	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.75	—	—	0.1	ug/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.18	—	—	0.1	ug/L	—	—	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.63	—	—	0.1	ug/L	—	—	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.44	—	—	0.1	ug/L	J	J	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	6.55	—	—	0.5	ug/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.99	—	—	0.5	ug/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	0.5	ug/L	J	J	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	0.5	ug/L	J	J	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	9.25	—	—	0.5	ug/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	6.91	—	—	0.5	ug/L	—	—	09-2281	CAPA-09-9337	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
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.4	—	—	0.5	ug/L	—	—	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	0.5	ug/L	J	J	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	82.3	—	—	0.053	mg/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32.7	—	—	0.032	mg/L	N	J+	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	16	—	—	0.032	mg/L	—	—	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.4	—	—	1	ug/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	62.5	—	—	1	ug/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	79.3	—	—	1	ug/L	—	—	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	38.9	—	—	1	ug/L	—	—	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50	—	—	1	ug/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	90.5	—	—	1	ug/L	—	—	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	86.7	—	—	1	ug/L	—	—	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	41.7	—	—	1	ug/L	—	—	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.336	—	—	0.3	ug/L	J	J	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.513	—	—	0.3	ug/L	J	U	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.484	—	—	0.3	ug/L	J	J	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.557	—	—	0.3	ug/L	J	U	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.927	—	—	0.05	ug/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.407	—	—	0.05	ug/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.13	—	—	0.05	ug/L	J	J	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.22	—	—	0.05	ug/L	—	—	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.31	—	—	0.05	ug/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.25	—	—	0.05	ug/L	—	—	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.35	—	—	0.05	ug/L	—	—	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.34	—	—	0.05	ug/L	—	—	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	13.4	—	—	1	ug/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.86	—	—	1	ug/L	J	J	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.3	—	—	1	ug/L	J	J	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	21	—	—	1	ug/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	25.8	—	—	1	ug/L	—	—	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.7	—	—	1	ug/L	—	—	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1.9	—	—	1	ug/L	J	U	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	37	—	—	3.3	ug/L	—	—	09-3219	CAPA-09-13196	GELC
03-B-10	7661	20.6	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	35.2	—	—	2	ug/L	—	—	09-2281	CAPA-09-9336	GELC
03-B-10	7661	20.6	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	46.2	—	—	2	ug/L	—	—	09-1196	CAPA-09-4126	GELC
03-B-10	7661	20.6	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	40.4	—	—	2	ug/L	—	—	09-548	CAPA-09-1175	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	57.9	—	—	3.3	ug/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	132	—	—	2	ug/L	—	—	09-2281	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	62.5	—	—	2	ug/L	—	—	09-1196	CAPA-09-4127	GELC
03-B-10	7661	20.6	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	31.2	—	—	2	ug/L	—	—	09-548	CAPA-09-1173	GELC
03-B-10	7661	20.6	6/12/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00836	0.0099	0.038	—	pCi/L	U	U	08-1349	CAPA-08-13137	GELC
03-B-10	7661	20.6	3/17/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0145	0.01	0.043	—	pCi/L	U	U	08-824	CAPA-08-11018	GELC
03-B-10	7661	20.6	12/17/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00501	0.003	0.031	—	pCi/L	U	U	08-416	CAPA-08-9317	GELC
03-B-10	7661	20.6	9/18/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00712	0.0056	0.0423	—	pCi/L	U	U	194078	GF07090G3B1001	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00598	0.0042	0.053	—	pCi/L	U	U	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/12/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0127	0.011	0.037	—	pCi/L	U	U	08-1349	CAPA-08-13138	GELC
03-B-10	7661	20.6	3/17/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00606	0.0037	0.044	—	pCi/L	U	U	08-824	CAPA-08-11017	GELC
03-B-10	7661	20.6	12/17/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00094	0.0032	0.029	—	pCi/L	U	U	08-416	CAPA-08-9319	GELC
03-B-10	7661	20.6	9/18/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0112	0.00848	0.0634	—	pCi/L	U	U	194078	GU07090G3B1001	GELC
03-B-10	7661	20.6	6/12/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.888	1.1	3.9	—	pCi/L	U	U	08-1349	CAPA-08-13137	GELC
03-B-10	7661	20.6	3/17/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0359	1.3	4.3	—	pCi/L	U	U	08-824	CAPA-08-11018	GELC
03-B-10	7661	20.6	12/17/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.49	1.3	3.8	—	pCi/L	U	U	08-416	CAPA-08-9317	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
03-B-10	7661	20.6	9/18/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.06	1.15	4.14	—	pCi/L	U	U	194078	GF07090G3B1001	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.34	1.5	5.1	—	pCi/L	U	U	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.37	1.1	3.1	—	pCi/L	U	U	08-1349	CAPA-08-13138	GELC
03-B-10	7661	20.6	3/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.22	1.3	4.4	—	pCi/L	U	U	08-824	CAPA-08-11017	GELC
03-B-10	7661	20.6	12/17/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.404	1.4	4.7	—	pCi/L	U	U	08-416	CAPA-08-9319	GELC
03-B-10	7661	20.6	9/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.25	0.899	3.13	—	pCi/L	U	U	194078	GU07090G3B1001	GELC
03-B-10	7661	20.6	6/12/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.507	1.2	4.3	—	pCi/L	U	U	08-1349	CAPA-08-13137	GELC
03-B-10	7661	20.6	3/17/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.643	1.1	3.7	—	pCi/L	U	U	08-824	CAPA-08-11018	GELC
03-B-10	7661	20.6	12/17/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.06	1.2	4.5	—	pCi/L	U	U	08-416	CAPA-08-9317	GELC
03-B-10	7661	20.6	9/18/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.79	1.4	4.17	—	pCi/L	U	U	194078	GF07090G3B1001	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.95	1.4	3.8	—	pCi/L	U	U	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.956	1.6	4.8	—	pCi/L	U	U	08-1349	CAPA-08-13138	GELC
03-B-10	7661	20.6	3/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.83	0.81	3.5	—	pCi/L	U	U	08-824	CAPA-08-11017	GELC
03-B-10	7661	20.6	12/17/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.952	1.2	4.2	—	pCi/L	U	U	08-416	CAPA-08-9319	GELC
03-B-10	7661	20.6	9/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.74	1.04	2.25	—	pCi/L	U	U	194078	GU07090G3B1001	GELC
03-B-10	7661	20.6	6/12/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	48.9	61	160	—	pCi/L	U	U	08-1349	CAPA-08-13137	GELC
03-B-10	7661	20.6	3/17/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	90.5	83	280	—	pCi/L	U	U	08-824	CAPA-08-11018	GELC
03-B-10	7661	20.6	12/17/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	45.2	53	130	—	pCi/L	U	U	08-416	CAPA-08-9317	GELC
03-B-10	7661	20.6	9/18/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	79.1	85	318	—	pCi/L	U	U	194078	GF07090G3B1001	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	103	82	98	—	pCi/L	—	U	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	66.5	56	160	—	pCi/L	U	U	08-1349	CAPA-08-13138	GELC
03-B-10	7661	20.6	3/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	79	62	290	—	pCi/L	U	U	08-824	CAPA-08-11017	GELC
03-B-10	7661	20.6	12/17/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	91.4	85	270	—	pCi/L	U	U	08-416	CAPA-08-9319	GELC
03-B-10	7661	20.6	9/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	58.6	585	262	—	pCi/L	U	U	194078	GU07090G3B1001	GELC
03-B-10	7661	20.6	6/12/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	24.9	11	32	—	pCi/L	U	U	08-1349	CAPA-08-13137	GELC
03-B-10	7661	20.6	3/17/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-17	9.2	28	—	pCi/L	U	U	08-824	CAPA-08-11018	GELC
03-B-10	7661	20.6	12/17/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.55	13	30	—	pCi/L	U	U	08-416	CAPA-08-9317	GELC
03-B-10	7661	20.6	9/18/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.92	9.3	28.7	—	pCi/L	U	U	194078	GF07090G3B1001	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.1	13	40	—	pCi/L	U	U	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-15.2	11	34	—	pCi/L	U	U	08-1349	CAPA-08-13138	GELC
03-B-10	7661	20.6	3/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12.3	11	30	—	pCi/L	U	U	08-824	CAPA-08-11017	GELC
03-B-10	7661	20.6	12/17/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.888	12	35	—	pCi/L	U	U	08-416	CAPA-08-9319	GELC
03-B-10	7661	20.6	9/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.78	6.21	19.2	—	pCi/L	U	U	194078	GU07090G3B1001	GELC
03-B-10	7661	20.6	6/12/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0104	0.011	0.026	—	pCi/L	U	U	08-1349	CAPA-08-13137	GELC
03-B-10	7661	20.6	3/17/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0128	0.0084	0.035	—	pCi/L	U	U	08-824	CAPA-08-11018	GELC
03-B-10	7661	20.6	12/17/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00821	0.0068	0.029	—	pCi/L	U	U	08-416	CAPA-08-9317	GELC
03-B-10	7661	20.6	9/18/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00196	0.00779	0.0387	—	pCi/L	U	U	194078	GF07090G3B1001	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0034	0.04	—	pCi/L	U	U	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/12/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0054	0.023	—	pCi/L	U	U	08-1349	CAPA-08-13138	GELC
03-B-10	7661	20.6	3/17/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	1.92E-09	0.0099	0.039	—	pCi/L	U	U	08-824	CAPA-08-11017	GELC
03-B-10	7661	20.6	12/17/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0108	0.0086	0.027	—	pCi/L	U	U	08-416	CAPA-08-9319	GELC
03-B-10	7661	20.6	9/18/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00968	0.00969	0.0387	—	pCi/L	U	U	194078	GU07090G3B1001	GELC
03-B-10	7661	20.6	6/12/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.000621	0.0063	0.036	—	pCi/L	U	U	08-1349	CAPA-08-13137	GELC
03-B-10	7661	20.6	3/17/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00734	0.0069	0.037	—	pCi/L	U	U	08-824	CAPA-08-11018	GELC
03-B-10	7661	20.6	12/17/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0115	0.0092	0.028	—	pCi/L	U	U	08-416	CAPA-08-9317	GELC
03-B-10	7661	20.6	9/18/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0182	0.00829	0.0456	—	pCi/L	U	U	194078	GF07090G3B1001	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00714	0.0086	0.039	—	pCi/L	U	U	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/12/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00767	0.0039	0.031	—	pCi/L	U	U	08-1349	CAPA-08-13138	GELC
03-B-10	7661	20.6	3/17/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00402	0.0064	0.041	—	pCi/L	U	U	08-824	CAPA-08-11017	GELC
03-B-10	7661	20.6	12/17/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00772	0.0046	0.026	—	pCi/L	U	U	08-416	CAPA-08-9319	GELC
03-B-10	7661	20.6	9/18/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00967	0.00766	0.0457	—	pCi/L	U	U	194078	GU07090G3B1001	GELC
03-B-10	7661	20.6	6/12/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	18.6	16	38	—	pCi/L	U	U	08-1349	CAPA-08-13137	GELC
03-B-10	7661	20.6	3/17/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	29.9	19	33	—	pCi/L	U	U	08-824	CAPA-08-11018	GELC
03-B-10	7661	20.6	12/17/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	14	18	69	—	pCi/L	U	U	08-416	CAPA-08-9317	GELC
03-B-10	7661	20.6	9/18/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-13	16.6	45.7	—	pCi/L	U	U	194078	GF07090G3B1001	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	48.8	27	38	—	pCi/L	UI	R	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14.2	20	44	—	pCi/L	U	U	08-1349	CAPA-08-13138	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
03-B-10	7661	20.6	3/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	20.7	25	35	—	pCi/L	U	U	08-824	CAPA-08-11017	GELC
03-B-10	7661	20.6	12/17/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-0.305	18	62	—	pCi/L	U	U	08-416	CAPA-08-9319	GELC
03-B-10	7661	20.6	9/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	6.49	12.1	28.4	—	pCi/L	U	U	194078	GU07090G3B1001	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.874	0.22	0.31	—	pCi/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	9/18/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.0708	0.13	0.51	—	pCi/L	U	U	08-1983	CAPA-08-15020	GELC
03-B-10	7661	20.6	3/17/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.937	0.22	0.37	—	pCi/L	—	—	08-824	CAPA-08-11017	GELC
03-B-10	7661	20.6	12/17/2007	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.845	0.26	0.65	—	pCi/L	—	—	08-416	CAPA-08-9319	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	2.48	0.52	0.99	—	pCi/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	9/18/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.4	0.28	0.47	—	pCi/L	—	—	08-1983	CAPA-08-15020	GELC
03-B-10	7661	20.6	3/17/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.15	0.27	0.57	—	pCi/L	—	—	08-824	CAPA-08-11017	GELC
03-B-10	7661	20.6	12/17/2007	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.599	0.34	1.1	—	pCi/L	U	U	08-416	CAPA-08-9319	GELC
03-B-10	7661	20.6	6/12/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.8	1.2	3.5	—	pCi/L	U	U	08-1349	CAPA-08-13137	GELC
03-B-10	7661	20.6	3/17/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.104	1.2	3.8	—	pCi/L	U	U	08-824	CAPA-08-11018	GELC
03-B-10	7661	20.6	12/17/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.282	1.4	4.6	—	pCi/L	U	U	08-416	CAPA-08-9317	GELC
03-B-10	7661	20.6	9/18/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.706	1.07	3.32	—	pCi/L	U	U	194078	GF07090G3B1001	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.409	1.2	4	—	pCi/L	U	U	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.36	1.6	5.8	—	pCi/L	U	U	08-1349	CAPA-08-13138	GELC
03-B-10	7661	20.6	3/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.72	1.1	3.5	—	pCi/L	U	U	08-824	CAPA-08-11017	GELC
03-B-10	7661	20.6	12/17/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.289	1.2	4	—	pCi/L	U	U	08-416	CAPA-08-9319	GELC
03-B-10	7661	20.6	9/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0747	0.846	2.77	—	pCi/L	U	U	194078	GU07090G3B1001	GELC
03-B-10	7661	20.6	6/12/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.185	0.14	0.45	—	pCi/L	U	U	08-1349	CAPA-08-13137	GELC
03-B-10	7661	20.6	3/17/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	1.89	0.33	0.65	—	pCi/L	—	—	08-824	CAPA-08-11018	GELC
03-B-10	7661	20.6	12/17/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	2.31	0.26	0.26	—	pCi/L	—	—	08-416	CAPA-08-9317	GELC
03-B-10	7661	20.6	9/18/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.458	0.163	0.482	—	pCi/L	U	U	194078	GF07090G3B1001	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.082	0.13	0.43	—	pCi/L	U	U	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/12/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.947	0.16	0.42	—	pCi/L	—	—	08-1349	CAPA-08-13138	GELC
03-B-10	7661	20.6	3/17/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.48	0.26	0.46	—	pCi/L	—	—	08-824	CAPA-08-11017	GELC
03-B-10	7661	20.6	12/17/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.88	0.23	0.29	—	pCi/L	—	—	08-416	CAPA-08-9319	GELC
03-B-10	7661	20.6	9/18/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.117	0.0954	0.316	—	pCi/L	U	U	194078	GU07090G3B1001	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	—	0.584	0.056	0.067	—	pCi/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	—	0.255	0.031	0.084	—	pCi/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	—	0.554	0.053	0.04	—	pCi/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	169.5483	5.7474	0.28737	—	pCi/L	—	—	09-3246	CAPA-09-13191	UMTL
03-B-10	7661	20.6	9/18/2008	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	1560	270	560	—	pCi/L	—	—	08-1983	CAPA-08-15020	GELC
03-B-10	7661	20.6	6/12/2008	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	749	100	120	—	pCi/L	—	—	08-1349	CAPA-08-13138	GELC
03-B-10	7661	20.6	3/17/2008	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	493	79	190	—	pCi/L	—	—	08-824	CAPA-08-11017	GELC
03-B-10	7661	20.6	12/17/2007	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	191	59	180	—	pCi/L	—	—	08-416	CAPA-08-9319	GELC
03-B-10	7661	20.6	6/12/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0586	0.022	0.16	—	pCi/L	U	U	08-1349	CAPA-08-13137	GELC
03-B-10	7661	20.6	3/17/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0444	0.011	0.068	—	pCi/L	U	U	08-824	CAPA-08-11018	GELC
03-B-10	7661	20.6	12/17/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0329	0.011	0.064	—	pCi/L	U	U	08-416	CAPA-08-9317	GELC
03-B-10	7661	20.6	9/18/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.105	0.0278	0.103	—	pCi/L	—	J	194078	GF07090G3B1001	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.395	0.046	0.1	—	pCi/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/12/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.139	0.035	0.22	—	pCi/L	U	U	08-1349	CAPA-08-13138	GELC
03-B-10	7661	20.6	3/17/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0356	0.012	0.093	—	pCi/L	U	U	08-824	CAPA-08-11017	GELC
03-B-10	7661	20.6	12/17/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0234	0.013	0.072	—	pCi/L	U	U	08-416	CAPA-08-9319	GELC
03-B-10	7661	20.6	9/18/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.223	0.04	0.113	—	pCi/L	—	J	194078	GU07090G3B1001	GELC
03-B-10	7661	20.6	6/12/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00557	0.0097	0.084	—	pCi/L	U	U	08-1349	CAPA-08-13137	GELC
03-B-10	7661	20.6	3/17/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.0056	0.034	—	pCi/L	U	U	08-824	CAPA-08-11018	GELC
03-B-10	7661	20.6	12/17/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00428	0.0068	0.028	—	pCi/L	U	U	08-416	CAPA-08-9317	GELC
03-B-10	7661	20.6	9/18/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0159	0.0115	0.0805	—	pCi/L	U	U	194078	GF07090G3B1001	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0176	0.011	0.052	—	pCi/L	U	U	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/12/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.011	0.11	—	pCi/L	U	U	08-1349	CAPA-08-13138	GELC
03-B-10	7661	20.6	3/17/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.0032	0.047	—	pCi/L	U	U	08-824	CAPA-08-11017	GELC
03-B-10	7661	20.6	12/17/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00241	0.0054	0.032	—	pCi/L	U	U	08-416	CAPA-08-9319	GELC
03-B-10	7661	20.6	9/18/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0104	0.0105	0.0882	—	pCi/L	U	U	194078	GU07090G3B1001	GELC
03-B-10	7661	20.6	6/12/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0676	0.021	0.099	—	pCi/L	U	U	08-1349	CAPA-08-13137	GELC
03-B-10	7661	20.6	3/17/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0204	0.0086	0.046	—	pCi/L	U	U	08-824	CAPA-08-11018	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
03-B-10	7661	20.6	12/17/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.019	0.008	0.037	—	pCi/L	U	U	08-416	CAPA-08-9317	GELC
03-B-10	7661	20.6	9/18/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.124	0.0273	0.0902	—	pCi/L	—	J	194078	GF07090G3B1001	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.344	0.042	0.062	—	pCi/L	—	—	09-3219	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/12/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0843	0.026	0.13	—	pCi/L	U	U	08-1349	CAPA-08-13138	GELC
03-B-10	7661	20.6	3/17/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0229	0.0093	0.063	—	pCi/L	U	U	08-824	CAPA-08-11017	GELC
03-B-10	7661	20.6	12/17/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0195	0.01	0.042	—	pCi/L	U	U	08-416	CAPA-08-9319	GELC
03-B-10	7661	20.6	9/18/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.242	0.0416	0.0988	—	pCi/L	—	J	194078	GU07090G3B1001	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	24.3	—	—	2.2	ug/L	—	—	09-3218	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	58.7	—	—	1.1	ug/L	—	J	09-2279	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	53.7	—	—	1.1	ug/L	—	J	09-1195	CAPA-09-4127	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.53	—	—	0.25	ug/L	J	J	09-3218	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.756	—	—	0.25	ug/L	J	J	09-2279	CAPA-09-9337	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	DL	—	Voa	SW-846:8260B	Chloroform	—	0.747	—	—	0.5	ug/L	J	J	09-2279	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.965	—	—	0.25	ug/L	J	J	09-1195	CAPA-09-4127	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	DL	—	Voa	SW-846:8260B	Chloroform	—	1.04	—	—	0.5	ug/L	J	J	09-1195	CAPA-09-4127	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	1.62	—	—	0.3	ug/L	—	—	09-3218	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	2.24	—	—	0.3	ug/L	—	—	09-2279	CAPA-09-9337	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	DL	—	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	2.19	—	—	0.6	ug/L	—	J	09-2279	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	2.59	—	—	0.3	ug/L	—	—	09-1195	CAPA-09-4127	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	DL	—	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	2.4	—	—	0.6	ug/L	—	J	09-1195	CAPA-09-4127	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethene[1,1-]	—	1.51	—	—	0.3	ug/L	—	—	09-3218	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethene[1,1-]	—	9.58	—	—	0.3	ug/L	—	—	09-2279	CAPA-09-9337	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	DL	—	Voa	SW-846:8260B	Dichloroethene[1,1-]	—	9.86	—	—	0.6	ug/L	—	J	09-2279	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethene[1,1-]	—	2.57	—	—	0.3	ug/L	—	—	09-1195	CAPA-09-4127	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	DL	—	Voa	SW-846:8260B	Dichloroethene[1,1-]	<	2	—	—	0.6	ug/L	U	UJ	09-1195	CAPA-09-4127	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	—	87.8	—	—	0.33	ug/L	—	—	09-3218	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	<	144	—	—	0.33	ug/L	E	R	09-2279	CAPA-09-9337	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	DL	—	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	—	145	—	—	0.65	ug/L	—	—	09-2279	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	<	177	—	—	0.33	ug/L	E	R	09-1195	CAPA-09-4127	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	DL	—	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	—	173	—	—	0.65	ug/L	—	—	09-1195	CAPA-09-4127	GELC
03-B-10	7661	20.6	9/14/2009	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.86	—	—	0.25	ug/L	J	J	09-3218	CAPA-09-13191	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	1.68	—	—	0.25	ug/L	—	—	09-2279	CAPA-09-9337	GELC
03-B-10	7661	20.6	6/10/2009	WG	UF	DL	—	Voa	SW-846:8260B	Trichloroethene	—	1.78	—	—	0.5	ug/L	J	J	09-2279	CAPA-09-9337	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	2.07	—	—	0.25	ug/L	—	—	09-1195	CAPA-09-4127	GELC
03-B-10	7661	20.6	3/11/2009	WG	UF	DL	—	Voa	SW-846:8260B	Trichloroethene	—	1.99	—	—	0.5	ug/L	J	J	09-1195	CAPA-09-4127	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.1	—	—	0.73	mg/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.1	—	—	0.73	mg/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54	—	—	0.73	mg/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	40	—	—	0.73	mg/L	—	—	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.033	—	—	0.016	mg/L	J	J-	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.024	—	—	0.016	mg/L	J	J-	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	UJ	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	UJ	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	5.75	—	—	0.05	mg/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	5.64	—	—	0.05	mg/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11	—	—	0.03	mg/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	0.03	mg/L	—	—	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.26	—	—	0.03	mg/L	—	—	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.7	—	—	0.03	mg/L	—	—	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	7.26	—	—	0.05	mg/L	—	—	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.2	—	—	0.05	mg/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	0.03	mg/L	—	—	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.2	—	—	0.03	mg/L	—	—	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.55	—	—	0.03	mg/L	—	—	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.5	—	—	0.03	mg/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	38.7	—	—	0.33	mg/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	38.1	—	—	0.33	mg/L	—	—	09-3202	CAPA-09-12151	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
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	108	—	—	0.66	mg/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	142	—	—	1.3	mg/L	—	J+	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.248	—	—	0.033	mg/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.228	—	—	0.033	mg/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.161	—	—	0.033	mg/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.131	—	—	0.033	mg/L	—	—	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	23.1	—	—	0.35	mg/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	21.5	—	—	0.35	mg/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.7	—	—	0.35	mg/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.6	—	—	0.35	mg/L	—	—	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	30.9	—	—	0.35	mg/L	—	—	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58.4	—	—	0.35	mg/L	—	—	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	34.3	—	—	0.35	mg/L	—	—	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.3	—	—	0.35	mg/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.7	—	—	0.35	mg/L	—	—	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.7	—	—	0.35	mg/L	—	—	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.9	—	—	0.35	mg/L	—	—	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	62.1	—	—	0.35	mg/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	2.13	—	—	0.085	mg/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.8	—	—	0.085	mg/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.96	—	—	0.085	mg/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.27	—	—	0.085	mg/L	—	—	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.89	—	—	0.085	mg/L	—	—	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.09	—	—	0.085	mg/L	—	—	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.94	—	—	0.085	mg/L	—	—	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.97	—	—	0.085	mg/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.59	—	—	0.085	mg/L	—	—	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.11	—	—	0.085	mg/L	—	—	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.19	—	—	0.085	mg/L	—	—	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.44	—	—	0.085	mg/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.126	—	—	0.05	mg/L	J	J	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.122	—	—	0.05	mg/L	J	J	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.026	—	—	0.01	mg/L	J	J	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0942	—	—	0.01	mg/L	—	—	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.0707	—	—	0.05	ug/L	J	J	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0723	—	—	0.05	ug/L	J	J	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.177	—	—	0.05	ug/L	J	J	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.441	—	—	0.05	ug/L	—	—	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	5.62	—	—	0.05	mg/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.35	—	—	0.05	mg/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.86	—	—	0.05	mg/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.53	—	—	0.05	mg/L	—	—	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.24	—	—	0.05	mg/L	—	—	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.47	—	—	0.05	mg/L	—	—	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	7.47	—	—	0.05	mg/L	—	—	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.66	—	—	0.05	mg/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.46	—	—	0.05	mg/L	—	—	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.54	—	—	0.05	mg/L	—	—	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.5	—	—	0.05	mg/L	—	—	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.89	—	—	0.05	mg/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	52.5	—	—	0.1	mg/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	52.6	—	—	0.1	mg/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	90.3	—	—	0.045	mg/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	90.2	—	—	0.045	mg/L	—	—	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	84.9	—	—	0.045	mg/L	—	—	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	127	—	—	0.045	mg/L	—	—	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	52.5	—	—	0.1	mg/L	—	—	09-3202	CAPA-09-12153	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
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	51.3	—	—	0.1	mg/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	89.9	—	—	0.045	mg/L	—	—	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	93.3	—	—	0.045	mg/L	—	—	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	85.8	—	—	0.045	mg/L	—	—	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	129	—	—	0.045	mg/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	273	—	—	1	uS/cm	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	275	—	—	1	uS/cm	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	515	—	—	1	uS/cm	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	577	—	—	1	uS/cm	—	—	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	3.8	—	—	0.1	mg/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.8	—	—	0.1	mg/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.97	—	—	0.1	mg/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.14	—	—	0.1	mg/L	—	—	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	166	—	—	2.4	mg/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	244	—	—	2.4	mg/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	316	—	—	2.4	mg/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	315	—	—	2.4	mg/L	—	—	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.31	—	—	0.033	mg/L	—	J	09-3201	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.417	—	—	0.033	mg/L	—	J	09-3201	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.688	—	—	0.033	mg/L	—	J+	09-2279	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.223	—	—	0.029	mg/L	—	U	09-1195	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.081	—	—	0.029	mg/L	J	U	09-549	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.397	—	—	0.029	mg/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	14.3	—	—	1.7	mg/L	—	—	09-3201	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	13.1	—	—	1.7	mg/L	—	—	09-3201	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	9.05	—	—	0.66	mg/L	—	—	09-2279	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.73	—	—	0.33	mg/L	—	—	09-1195	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.07	—	—	0.66	mg/L	—	—	09-549	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	14.7	—	—	0.33	mg/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	6.38	—	—	0.01	SU	H	J-	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.51	—	—	0.01	SU	H	J-	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.35	—	—	0.01	SU	H	J-	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.3	—	—	0.01	SU	H	J-	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Metals	SW-846:6010B	Aluminum	—	9600	—	—	68	ug/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	8070	—	—	68	ug/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	19600	—	—	68	ug/L	N	J+	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1950	—	—	68	ug/L	—	—	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	266	—	—	68	ug/L	N*	J+	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	6340	—	—	68	ug/L	—	—	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	26400	—	—	68	ug/L	—	—	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	27400	—	—	68	ug/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	26100	—	—	68	ug/L	N	J+	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	8860	—	—	68	ug/L	—	—	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2140	—	—	68	ug/L	N*	J+	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	9440	—	—	68	ug/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Antimony	—	0.535	—	—	0.5	ug/L	J	J	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Antimony	<	2	—	—	0.5	ug/L	U	U	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Antimony	<	2	—	—	0.5	ug/L	U	U	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	SW-846:6020	Antimony	<	2	—	—	0.5	ug/L	U	U	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	SW-846:6020	Antimony	—	0.57	—	—	0.5	ug/L	J	J	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Antimony	—	0.649	—	—	0.5	ug/L	J	J	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Antimony	—	2.26	—	—	0.5	ug/L	—	—	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Antimony	<	2	—	—	0.5	ug/L	U	U	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Antimony	<	2	—	—	0.5	ug/L	U	U	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Antimony	<	2	—	—	0.5	ug/L	U	U	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	60.5	—	—	1	ug/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	55.9	—	—	1	ug/L	—	—	09-3202	CAPA-09-12151	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
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	114	—	—	1	ug/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	70.3	—	—	1	ug/L	—	—	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	59.6	—	—	1	ug/L	—	—	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	119	—	—	1	ug/L	—	—	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	116	—	—	1	ug/L	—	—	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	114	—	—	1	ug/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	133	—	—	1	ug/L	—	—	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	90.6	—	—	1	ug/L	—	—	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	71.4	—	—	1	ug/L	—	—	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	130	—	—	1	ug/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	—	1.02	—	—	1	ug/L	J	J	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1	ug/L	U	U	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	<	1.9	—	—	1	ug/L	J	U	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1	ug/L	U	U	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Beryllium	—	1.61	—	—	1	ug/L	J	J	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	—	1.57	—	—	1	ug/L	J	J	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	—	1.31	—	—	1	ug/L	J	J	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1	ug/L	U	U	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	<	2.7	—	—	1	ug/L	J	U	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1	ug/L	U	U	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	40.9	—	—	15	ug/L	J	J	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	40.8	—	—	15	ug/L	J	J	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	31.9	—	—	10	ug/L	J	J	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	12.9	—	—	10	ug/L	J	J	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	24.4	—	—	10	ug/L	J	J	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	28.5	—	—	10	ug/L	J	J	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	44.6	—	—	15	ug/L	J	J	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	47.5	—	—	15	ug/L	J	J	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	34	—	—	10	ug/L	J	J	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	14	—	—	10	ug/L	J	J	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	24.6	—	—	10	ug/L	J	J	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	26.9	—	—	10	ug/L	J	J	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	SW-846:6020	Cadmium	—	0.123	—	—	0.11	ug/L	J	J	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	—	0.114	—	—	0.11	ug/L	J	J	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	—	0.184	—	—	0.11	ug/L	J	J	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	—	0.12	—	—	0.11	ug/L	J	J	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	3.69	—	—	2.5	ug/L	J	J	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.95	—	—	2.5	ug/L	J	J	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	7.85	—	—	2.5	ug/L	J	J	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.6	—	—	1.5	ug/L	J	J	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.1	—	—	1.5	ug/L	—	—	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	11	—	—	2.5	ug/L	—	—	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	11.7	—	—	2.5	ug/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	9.8	—	—	2.5	ug/L	J	J	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.7	—	—	1.5	ug/L	—	—	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.8	—	—	1.5	ug/L	—	—	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.7	—	—	1.5	ug/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Metals	SW-846:6010B	Copper	—	5.16	—	—	3	ug/L	J	J	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	5.21	—	—	3	ug/L	J	J	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	9.12	—	—	3	ug/L	J	J	09-2281	CAPA-09-9343	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
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	3.3	—	—	3	ug/L	J	J	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	3.9	—	—	3	ug/L	J	J	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Copper	—	12.6	—	—	3	ug/L	—	—	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	12.3	—	—	3	ug/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	11.1	—	—	3	ug/L	—	—	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	5.8	—	—	3	ug/L	J	J	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	5.7	—	—	3	ug/L	J	J	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Metals	SW-846:6010B	Iron	—	5850	—	—	30	ug/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	4780	—	—	30	ug/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	10500	—	—	25	ug/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1000	—	—	25	ug/L	E*	J	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	121	—	—	25	ug/L	*	—	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	3470	—	—	25	ug/L	—	—	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	16000	—	—	30	ug/L	—	—	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	15800	—	—	30	ug/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	13700	—	—	25	ug/L	—	—	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	4630	—	—	25	ug/L	E*	J	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1210	—	—	25	ug/L	*	—	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	5100	—	—	25	ug/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Metals	SW-846:6020	Lead	—	6.13	—	—	0.5	ug/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	—	4.92	—	—	0.5	ug/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	—	11.7	—	—	0.5	ug/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	—	1.4	—	—	0.5	ug/L	J	J	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	—	0.86	—	—	0.5	ug/L	J	J	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	—	3.6	—	—	0.5	ug/L	—	—	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	SW-846:6020	Lead	—	16.6	—	—	0.5	ug/L	—	—	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	16.9	—	—	0.5	ug/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	15.9	—	—	0.5	ug/L	—	—	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	5.7	—	—	0.5	ug/L	—	—	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	3.4	—	—	0.5	ug/L	—	—	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	5.1	—	—	0.5	ug/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Metals	SW-846:6010B	Manganese	—	41.3	—	—	2	ug/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	36.7	—	—	2	ug/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	51.8	—	—	2	ug/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6	—	—	2	ug/L	J	J	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.1	—	—	2	ug/L	J*	J	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	105	—	—	2	ug/L	—	—	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	84.4	—	—	2	ug/L	—	—	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	82.3	—	—	2	ug/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	65.8	—	—	2	ug/L	—	—	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	23	—	—	2	ug/L	—	—	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.9	—	—	2	ug/L	J*	J	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	109	—	—	2	ug/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Metals	EPA:245.2	Mercury	—	0.078	—	—	0.066	ug/L	J	J	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	0.067	ug/L	U	U	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	0.067	ug/L	U	U	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	0.067	ug/L	U	U	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	0.03	ug/L	U	U	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	EPA:245.2	Mercury	—	0.148	—	—	0.066	ug/L	J	J	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	EPA:245.2	Mercury	—	0.087	—	—	0.066	ug/L	J	J	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	0.067	ug/L	U	U	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	0.067	ug/L	U	U	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	0.067	ug/L	U	U	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	EPA:245.2	Mercury	—	0.059	—	—	0.03	ug/L	J	J	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	0.1	ug/L	—	—	09-3202	CAPA-09-12154	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
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	0.1	ug/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.09	—	—	0.1	ug/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.45	—	—	0.1	ug/L	J	J	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.48	—	—	0.1	ug/L	J	J	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.2	—	—	0.1	ug/L	—	—	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.65	—	—	0.1	ug/L	—	—	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.63	—	—	0.1	ug/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.22	—	—	0.1	ug/L	—	—	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.52	—	—	0.1	ug/L	—	—	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.42	—	—	0.1	ug/L	J	J	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.3	—	—	0.1	ug/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	4.71	—	—	0.5	ug/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.96	—	—	0.5	ug/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.55	—	—	0.5	ug/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	0.5	ug/L	J	J	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	0.5	ug/L	J	J	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.6	—	—	0.5	ug/L	—	—	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	8.83	—	—	0.5	ug/L	—	—	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	8.97	—	—	0.5	ug/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	6.72	—	—	0.5	ug/L	—	—	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.2	—	—	0.5	ug/L	—	—	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.7	—	—	0.5	ug/L	J	J	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	5.2	—	—	0.5	ug/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	54.1	—	—	0.053	mg/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.3	—	—	0.053	mg/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	86.2	—	—	0.032	mg/L	N	J+	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	18.9	—	—	0.032	mg/L	—	—	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	35.3	—	—	1	ug/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	34.7	—	—	1	ug/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	64.8	—	—	1	ug/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	65.1	—	—	1	ug/L	—	—	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.8	—	—	1	ug/L	—	—	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	99	—	—	1	ug/L	—	—	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	47.4	—	—	1	ug/L	—	—	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	46	—	—	1	ug/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	69.2	—	—	1	ug/L	—	—	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	71.3	—	—	1	ug/L	—	—	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.9	—	—	1	ug/L	—	—	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	104	—	—	1	ug/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.351	—	—	0.3	ug/L	J	U	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	SW-846:6020	Thallium	—	0.487	—	—	0.3	ug/L	J	J	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.801	—	—	0.3	ug/L	J	J	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	0.483	—	—	0.3	ug/L	J	U	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.483	—	—	0.05	ug/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.427	—	—	0.05	ug/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.724	—	—	0.05	ug/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.17	—	—	0.05	ug/L	J	J	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.13	—	—	0.05	ug/L	J	J	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.65	—	—	0.05	ug/L	—	—	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.893	—	—	0.05	ug/L	—	—	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.914	—	—	0.05	ug/L	—	—	09-3202	CAPA-09-12149	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
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.962	—	—	0.05	ug/L	—	—	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.36	—	—	0.05	ug/L	—	—	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.28	—	—	0.05	ug/L	—	—	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.86	—	—	0.05	ug/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	9.1	—	—	1	ug/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.55	—	—	1	ug/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	13.6	—	—	1	ug/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.2	—	—	1	ug/L	J	J	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.7	—	—	1	ug/L	—	—	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	22.1	—	—	1	ug/L	—	—	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	22.1	—	—	1	ug/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	18.3	—	—	1	ug/L	—	—	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.4	—	—	1	ug/L	—	—	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	2.6	—	—	1	ug/L	J	U	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.7	—	—	1	ug/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	FD	Metals	SW-846:6010B	Zinc	—	44.5	—	—	3.3	ug/L	—	—	09-3202	CAPA-09-12154	GELC
03-B-13	7671	21.5	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	43.6	—	—	3.3	ug/L	—	—	09-3202	CAPA-09-12151	GELC
03-B-13	7671	21.5	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	83.5	—	—	2	ug/L	—	—	09-2281	CAPA-09-9343	GELC
03-B-13	7671	21.5	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	55.6	—	—	2	ug/L	—	—	09-1196	CAPA-09-4133	GELC
03-B-13	7671	21.5	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	31.1	—	—	2	ug/L	—	—	09-548	CAPA-09-1178	GELC
03-B-13	7671	21.5	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	41.6	—	—	2	ug/L	—	—	08-1984	CAPA-08-15024	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Zinc	—	67.2	—	—	3.3	ug/L	—	—	09-3202	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	65.8	—	—	3.3	ug/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	118	—	—	2	ug/L	—	—	09-2281	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	93.8	—	—	2	ug/L	—	—	09-1196	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	33.6	—	—	2	ug/L	—	—	09-548	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	39.2	—	—	2	ug/L	—	—	08-1984	CAPA-08-15026	GELC
03-B-13	7671	21.5	6/12/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00796	0.0097	0.037	—	pCi/L	U	U	08-1349	CAPA-08-13142	GELC
03-B-13	7671	21.5	3/17/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.005	0.003	0.043	—	pCi/L	U	U	08-827	CAPA-08-11022	GELC
03-B-13	7671	21.5	12/18/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0215	0.0094	0.032	—	pCi/L	U	U	08-422	CAPA-08-9315	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00388	0.0076	0.061	—	pCi/L	U	U	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/12/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00386	0.0034	0.043	—	pCi/L	U	U	08-1349	CAPA-08-13143	GELC
03-B-13	7671	21.5	3/17/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00194	0.0023	0.045	—	pCi/L	U	U	08-827	CAPA-08-11020	GELC
03-B-13	7671	21.5	12/18/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000972	0.0096	0.03	—	pCi/L	U	U	08-422	CAPA-08-9316	GELC
03-B-13	7671	21.5	6/12/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.76	1.3	3.5	—	pCi/L	U	U	08-1349	CAPA-08-13142	GELC
03-B-13	7671	21.5	3/17/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.81	1.6	4.1	—	pCi/L	U	U	08-827	CAPA-08-11022	GELC
03-B-13	7671	21.5	12/18/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.685	1.6	5.2	—	pCi/L	U	U	08-422	CAPA-08-9315	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.18	1.1	3.8	—	pCi/L	U	U	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.09	1.2	4.3	—	pCi/L	U	U	08-1349	CAPA-08-13143	GELC
03-B-13	7671	21.5	3/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.96	0.95	3.5	—	pCi/L	U	U	08-827	CAPA-08-11020	GELC
03-B-13	7671	21.5	12/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.84	1.2	4	—	pCi/L	U	U	08-422	CAPA-08-9316	GELC
03-B-13	7671	21.5	6/12/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0171	1.2	4	—	pCi/L	U	U	08-1349	CAPA-08-13142	GELC
03-B-13	7671	21.5	3/17/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.986	1.2	4.3	—	pCi/L	U	U	08-827	CAPA-08-11022	GELC
03-B-13	7671	21.5	12/18/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.428	1.5	4.8	—	pCi/L	U	U	08-422	CAPA-08-9315	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.832	1.2	3.7	—	pCi/L	U	U	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.85	1.2	4.1	—	pCi/L	U	U	08-1349	CAPA-08-13143	GELC
03-B-13	7671	21.5	3/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.939	0.88	2.6	—	pCi/L	U	U	08-827	CAPA-08-11020	GELC
03-B-13	7671	21.5	12/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.22	1.3	3.6	—	pCi/L	U	U	08-422	CAPA-08-9316	GELC
03-B-13	7671	21.5	6/12/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	58.8	62	210	—	pCi/L	U	U	08-1349	CAPA-08-13142	GELC
03-B-13	7671	21.5	3/17/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	96.1	72	340	—	pCi/L	U	U	08-827	CAPA-08-11022	GELC
03-B-13	7671	21.5	12/18/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	112	71	390	—	pCi/L	U	U	08-422	CAPA-08-9315	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	59.6	51	66	—	pCi/L	U	U	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	117	72	290	—	pCi/L	U	U	08-1349	CAPA-08-13143	GELC
03-B-13	7671	21.5	3/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	104	68	290	—	pCi/L	U	U	08-827	CAPA-08-11020	GELC
03-B-13	7671	21.5	12/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	154	120	370	—	pCi/L	U	U	08-422	CAPA-08-9316	GELC
03-B-13	7671	21.5	6/12/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.7	8.9	28	—	pCi/L	U	U	08-1349	CAPA-08-13142	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
03-B-13	7671	21.5	3/17/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.74	11	31	—	pCi/L	U	U	08-827	CAPA-08-11022	GELC
03-B-13	7671	21.5	12/18/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.8	7.6	21	—	pCi/L	U	U	08-422	CAPA-08-9315	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	24.9	11	35	—	pCi/L	U	U	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-22.5	11	30	—	pCi/L	U	U	08-1349	CAPA-08-13143	GELC
03-B-13	7671	21.5	3/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.45	8.5	26	—	pCi/L	U	U	08-827	CAPA-08-11020	GELC
03-B-13	7671	21.5	12/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	22	9.3	29	—	pCi/L	U	U	08-422	CAPA-08-9316	GELC
03-B-13	7671	21.5	6/12/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00126	0.0073	0.035	—	pCi/L	U	U	08-1349	CAPA-08-13142	GELC
03-B-13	7671	21.5	3/17/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0049	0.0085	0.047	—	pCi/L	U	U	08-827	CAPA-08-11022	GELC
03-B-13	7671	21.5	12/18/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00451	0.0045	0.041	—	pCi/L	U	U	08-422	CAPA-08-9315	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00791	0.0056	0.033	—	pCi/L	U	U	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/12/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00584	0.0065	0.023	—	pCi/L	U	U	08-1349	CAPA-08-13143	GELC
03-B-13	7671	21.5	3/17/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00551	0.0084	0.035	—	pCi/L	U	U	08-827	CAPA-08-11020	GELC
03-B-13	7671	21.5	12/18/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0028	0.036	—	pCi/L	U	U	08-422	CAPA-08-9316	GELC
03-B-13	7671	21.5	6/12/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0952	0.019	0.047	—	pCi/L	U	U	08-1349	CAPA-08-13142	GELC
03-B-13	7671	21.5	3/17/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0123	0.0074	0.05	—	pCi/L	U	U	08-827	CAPA-08-11022	GELC
03-B-13	7671	21.5	12/18/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0158	0.0088	0.047	—	pCi/L	U	U	08-422	CAPA-08-9315	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-9.42E-10	0.0056	0.032	—	pCi/L	U	U	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/12/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0136	0.0052	0.032	—	pCi/L	U	U	08-1349	CAPA-08-13143	GELC
03-B-13	7671	21.5	3/17/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00184	0.0061	0.038	—	pCi/L	U	U	08-827	CAPA-08-11020	GELC
03-B-13	7671	21.5	12/18/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00201	0.0067	0.042	—	pCi/L	U	U	08-422	CAPA-08-9316	GELC
03-B-13	7671	21.5	6/12/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.96	17	60	—	pCi/L	U	U	08-1349	CAPA-08-13142	GELC
03-B-13	7671	21.5	3/17/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	1.04	19	43	—	pCi/L	U	U	08-827	CAPA-08-11022	GELC
03-B-13	7671	21.5	12/18/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.8	18	51	—	pCi/L	U	U	08-422	CAPA-08-9315	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	6.2	18	63	—	pCi/L	U	U	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	48.1	20	36	—	pCi/L	UI	R	08-1349	CAPA-08-13143	GELC
03-B-13	7671	21.5	3/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	16.3	13	34	—	pCi/L	U	U	08-827	CAPA-08-11020	GELC
03-B-13	7671	21.5	12/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	—	74.3	16	35	—	pCi/L	—	—	08-422	CAPA-08-9316	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.985	0.28	0.35	—	pCi/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.584	0.19	0.49	—	pCi/L	—	—	08-1983	CAPA-08-15026	GELC
03-B-13	7671	21.5	3/17/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.333	0.14	0.39	—	pCi/L	U	U	08-827	CAPA-08-11020	GELC
03-B-13	7671	21.5	12/18/2007	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.384	0.13	0.31	—	pCi/L	—	U	08-422	CAPA-08-9316	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	2.57	0.55	1.1	—	pCi/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.494	0.18	0.51	—	pCi/L	U	U	08-1983	CAPA-08-15026	GELC
03-B-13	7671	21.5	3/17/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.21	0.32	0.77	—	pCi/L	—	—	08-827	CAPA-08-11020	GELC
03-B-13	7671	21.5	12/18/2007	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.46	0.31	0.62	—	pCi/L	—	—	08-422	CAPA-08-9316	GELC
03-B-13	7671	21.5	6/12/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.118	1.2	3.9	—	pCi/L	U	U	08-1349	CAPA-08-13142	GELC
03-B-13	7671	21.5	3/17/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.618	1.2	4.1	—	pCi/L	U	U	08-827	CAPA-08-11022	GELC
03-B-13	7671	21.5	12/18/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.43	1.6	4.6	—	pCi/L	U	U	08-422	CAPA-08-9315	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.973	1.1	4	—	pCi/L	U	U	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.601	1.2	3.9	—	pCi/L	U	U	08-1349	CAPA-08-13143	GELC
03-B-13	7671	21.5	3/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.426	1	3.5	—	pCi/L	U	U	08-827	CAPA-08-11020	GELC
03-B-13	7671	21.5	12/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.67	1.3	3.7	—	pCi/L	U	U	08-422	CAPA-08-9316	GELC
03-B-13	7671	21.5	6/12/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.456	0.14	0.44	—	pCi/L	—	—	08-1349	CAPA-08-13142	GELC
03-B-13	7671	21.5	3/17/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.889	0.21	0.51	—	pCi/L	—	—	08-827	CAPA-08-11022	GELC
03-B-13	7671	21.5	12/18/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	1.9	0.29	0.48	—	pCi/L	—	—	08-422	CAPA-08-9315	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	2.91	0.3	0.49	—	pCi/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/12/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.782	0.16	0.39	—	pCi/L	—	—	08-1349	CAPA-08-13143	GELC
03-B-13	7671	21.5	3/17/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.19	0.25	0.57	—	pCi/L	—	—	08-827	CAPA-08-11020	GELC
03-B-13	7671	21.5	12/18/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.86	0.26	0.4	—	pCi/L	—	—	08-422	CAPA-08-9316	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	—	0.671	0.063	0.068	—	pCi/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	—	0.344	0.038	0.086	—	pCi/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	—	0.57	0.055	0.04	—	pCi/L	—	—	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Rad	LLEE	Tritium	—	130.5937	4.1509	0.28737	—	pCi/L	—	—	09-3246	CAPA-09-12153	UMTL
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	128.6779	4.21476	0.28737	—	pCi/L	—	—	09-3246	CAPA-09-12149	UMTL
03-B-13	7671	21.5	9/18/2008	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	3640	460	560	—	pCi/L	—	—	08-1983	CAPA-08-15026	GELC
03-B-13	7671	21.5	6/12/2008	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	2040	230	120	—	pCi/L	—	—	08-1349	CAPA-08-13143	GELC
03-B-13	7671	21.5	3/17/2008	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	1560	170	190	—	pCi/L	—	—	08-827	CAPA-08-11020	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
03-B-13	7671	21.5	6/12/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0632	0.026	0.19	—	pCi/L	U	U	08-1349	CAPA-08-13142	GELC
03-B-13	7671	21.5	3/17/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0608	0.013	0.069	—	pCi/L	U	U	08-827	CAPA-08-11022	GELC
03-B-13	7671	21.5	12/18/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.066	0.013	0.068	—	pCi/L	U	U	08-422	CAPA-08-9315	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.418	0.076	0.33	—	pCi/L	—	J+	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/12/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.116	0.031	0.2	—	pCi/L	U	U	08-1349	CAPA-08-13143	GELC
03-B-13	7671	21.5	3/17/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0947	0.015	0.065	—	pCi/L	—	—	08-827	CAPA-08-11020	GELC
03-B-13	7671	21.5	12/18/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.139	0.019	0.075	—	pCi/L	—	—	08-422	CAPA-08-9316	GELC
03-B-13	7671	21.5	6/12/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.013	0.098	—	pCi/L	U	U	08-1349	CAPA-08-13142	GELC
03-B-13	7671	21.5	3/17/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0118	0.0063	0.035	—	pCi/L	U	U	08-827	CAPA-08-11022	GELC
03-B-13	7671	21.5	12/18/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0181	0.0065	0.03	—	pCi/L	U	U	08-422	CAPA-08-9315	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0116	0.012	0.17	—	pCi/L	U	U	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/12/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00684	0.015	0.1	—	pCi/L	U	U	08-1349	CAPA-08-13143	GELC
03-B-13	7671	21.5	3/17/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0132	0.007	0.033	—	pCi/L	U	U	08-827	CAPA-08-11020	GELC
03-B-13	7671	21.5	12/18/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0149	0.0062	0.033	—	pCi/L	U	U	08-422	CAPA-08-9316	GELC
03-B-13	7671	21.5	6/12/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0896	0.026	0.12	—	pCi/L	U	U	08-1349	CAPA-08-13142	GELC
03-B-13	7671	21.5	3/17/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0551	0.011	0.047	—	pCi/L	—	—	08-827	CAPA-08-11022	GELC
03-B-13	7671	21.5	12/18/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0477	0.0097	0.039	—	pCi/L	—	—	08-422	CAPA-08-9315	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.384	0.072	0.2	—	pCi/L	—	J+	09-3202	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/12/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.127	0.031	0.12	—	pCi/L	—	—	08-1349	CAPA-08-13143	GELC
03-B-13	7671	21.5	3/17/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0607	0.012	0.044	—	pCi/L	—	—	08-827	CAPA-08-11020	GELC
03-B-13	7671	21.5	12/18/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.103	0.016	0.043	—	pCi/L	—	—	08-422	CAPA-08-9316	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Svoa	SW-846:8270C	Dioxane[1,4-]	—	15.5	—	—	2.2	ug/L	—	—	09-3201	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	14.6	—	—	2.2	ug/L	—	—	09-3201	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	29.2	—	—	1.1	ug/L	—	J	09-2279	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	41.8	—	—	1.1	ug/L	—	J	09-1195	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	28.8	—	—	1.2	ug/L	—	J	09-547	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Voa	SW-846:8260B	Chloroform	—	0.4	—	—	0.25	ug/L	J	J	09-3201	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.41	—	—	0.25	ug/L	J	J	09-3201	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.51	—	—	0.25	ug/L	J	J	09-2279	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.662	—	—	0.25	ug/L	J	J	09-1195	CAPA-09-4132	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	DL	—	Voa	SW-846:8260B	Chloroform	—	0.711	—	—	0.5	ug/L	J	J	09-1195	CAPA-09-4132	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	1.2	—	—	0.3	ug/L	—	—	09-3201	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	1.29	—	—	0.3	ug/L	—	—	09-3201	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	1.49	—	—	0.3	ug/L	—	—	09-2279	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	1.73	—	—	0.3	ug/L	—	—	09-1195	CAPA-09-4132	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	DL	—	Voa	SW-846:8260B	Dichloroethane[1,1-]	—	1.77	—	—	0.6	ug/L	J	J	09-1195	CAPA-09-4132	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Voa	SW-846:8260B	Dichloroethene[1,1-]	—	0.94	—	—	0.3	ug/L	J	J	09-3201	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethene[1,1-]	—	1.05	—	—	0.3	ug/L	—	—	09-3201	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethene[1,1-]	—	5.84	—	—	0.3	ug/L	—	—	09-2279	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Dichloroethene[1,1-]	—	1.56	—	—	0.3	ug/L	—	—	09-1195	CAPA-09-4132	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	DL	—	Voa	SW-846:8260B	Dichloroethene[1,1-]	<	2	—	—	0.6	ug/L	U	UJ	09-1195	CAPA-09-4132	GELC
03-B-13	7671	21.5	12/18/2008	WG	UF	CS	—	Voa	SW-846:8260B	Dioxane[1,4-]	—	44.2	—	—	15	ug/L	J	J	09-547	CAPA-09-1180	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FB	Voa	SW-846:8260B	Methylene Chloride	—	3.6	—	—	3	ug/L	J	J	09-3201	CAPA-09-12148	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	10	—	—	3	ug/L	U	UJ	09-2279	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	10	—	—	3	ug/L	U	UJ	09-1195	CAPA-09-4132	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	DL	—	Voa	SW-846:8260B	Methylene Chloride	<	20	—	—	6	ug/L	U	UJ	09-1195	CAPA-09-4132	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	—	59.7	—	—	0.33	ug/L	—	—	09-3201	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	—	65.1	—	—	0.33	ug/L	—	—	09-3201	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	—	95.6	—	—	0.33	ug/L	—	—	09-2279	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	<	112	—	—	0.33	ug/L	E	R	09-1195	CAPA-09-4132	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	DL	—	Voa	SW-846:8260B	Trichloroethane[1,1,1-]	—	115	—	—	0.65	ug/L	—	—	09-1195	CAPA-09-4132	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	FD	Voa	SW-846:8260B	Trichloroethene	—	0.59	—	—	0.25	ug/L	J	J	09-3201	CAPA-09-12153	GELC
03-B-13	7671	21.5	9/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.61	—	—	0.25	ug/L	J	J	09-3201	CAPA-09-12149	GELC
03-B-13	7671	21.5	6/10/2009	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.983	—	—	0.25	ug/L	J	J	09-2279	CAPA-09-9341	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	1.39	—	—	0.25	ug/L	—	—	09-1195	CAPA-09-4132	GELC
03-B-13	7671	21.5	3/11/2009	WG	UF	DL	—	Voa	SW-846:8260B	Trichloroethene	—	1.24	—	—	0.5	ug/L	J	J	09-1195	CAPA-09-4132	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	45.6	—	—	0.73	mg/L	—	—	09-3136	CAPA-09-12940	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
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	44.6	—	—	0.73	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	46.4	—	—	0.73	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	45.2	—	—	0.73	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	45.6	—	—	0.73	mg/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	42.4	—	—	0.73	mg/L	—	—	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	13.8	—	—	0.05	mg/L	—	—	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.6	—	—	0.05	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14	—	—	0.03	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.9	—	—	0.03	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.4	—	—	0.03	mg/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	0.03	mg/L	—	—	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	13.9	—	—	0.05	mg/L	—	—	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.9	—	—	0.05	mg/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	5/29/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14	—	—	0.03	mg/L	—	—	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	2/26/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.8	—	—	0.03	mg/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.2	—	—	0.03	mg/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.9	—	—	0.03	mg/L	—	—	08-1925	CAPA-08-14940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	21.6	—	—	0.13	mg/L	—	—	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.7	—	—	0.13	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.8	—	—	0.13	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.8	—	—	0.13	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20.5	—	—	0.13	mg/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.8	—	—	0.13	mg/L	—	—	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.15	—	—	0.033	mg/L	—	—	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.194	—	—	0.033	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.137	—	—	0.033	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.14	—	—	0.033	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.143	—	—	0.033	mg/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.131	—	—	0.033	mg/L	—	—	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	54.1	—	—	0.35	mg/L	—	—	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.2	—	—	0.35	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54	—	—	0.35	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54	—	—	0.35	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.4	—	—	0.35	mg/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.6	—	—	0.35	mg/L	—	—	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	54.5	—	—	0.35	mg/L	—	—	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.2	—	—	0.35	mg/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	5/29/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.1	—	—	0.35	mg/L	—	—	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	2/26/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.1	—	—	0.35	mg/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/8/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	51.8	—	—	0.35	mg/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	48.7	—	—	0.35	mg/L	—	—	08-1925	CAPA-08-14940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	4.75	—	—	0.085	mg/L	—	—	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.66	—	—	0.085	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.63	—	—	0.085	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.69	—	—	0.085	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.59	—	—	0.085	mg/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4	—	—	0.085	mg/L	—	—	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	4.77	—	—	0.085	mg/L	—	—	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.75	—	—	0.085	mg/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	5/29/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.68	—	—	0.085	mg/L	—	—	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	2/26/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.78	—	—	0.085	mg/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.59	—	—	0.085	mg/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.98	—	—	0.085	mg/L	—	—	08-1925	CAPA-08-14940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.472	—	—	0.05	mg/L	—	—	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.487	—	—	0.05	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.387	—	—	0.1	mg/L	J	J	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.321	—	—	0.05	mg/L	—	—	09-1029	CAPA-09-4101	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
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.177	—	—	0.05	mg/L	J	J-	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0262	—	—	0.01	mg/L	J	J	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.306	—	—	0.05	ug/L	—	—	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.306	—	—	0.05	ug/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.308	—	—	0.05	ug/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.306	—	—	0.05	ug/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.268	—	—	0.05	ug/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.388	—	—	0.05	ug/L	—	J	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.22	—	—	0.05	mg/L	—	—	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.16	—	—	0.05	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3	—	—	0.05	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.18	—	—	0.05	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.34	—	—	0.05	mg/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.04	—	—	0.05	mg/L	—	—	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.37	—	—	0.05	mg/L	—	—	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.38	—	—	0.05	mg/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	5/29/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.04	—	—	0.05	mg/L	—	—	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	2/26/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.58	—	—	0.05	mg/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.35	—	—	0.05	mg/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.14	—	—	0.05	mg/L	—	—	08-1925	CAPA-08-14940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	15.9	—	—	0.1	mg/L	—	—	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.9	—	—	0.1	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.3	—	—	0.045	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.7	—	—	0.045	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.3	—	—	0.045	mg/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	0.045	mg/L	—	—	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	16.2	—	—	0.1	mg/L	—	—	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16	—	—	0.1	mg/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	5/29/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.5	—	—	0.045	mg/L	—	—	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	2/26/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.7	—	—	0.045	mg/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	0.045	mg/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.7	—	—	0.045	mg/L	—	—	08-1925	CAPA-08-14940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	208	—	—	1	uS/cm	—	—	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	208	—	—	1	uS/cm	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	202	—	—	1	uS/cm	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	194	—	—	1	uS/cm	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	195	—	—	1	uS/cm	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	186	—	—	1	uS/cm	—	—	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	9.66	—	—	0.1	mg/L	—	—	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.65	—	—	0.1	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.94	—	—	0.1	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.4	—	—	0.1	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.1	—	—	0.1	mg/L	—	J-	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.7	—	—	0.1	mg/L	—	—	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.4	mg/L	—	—	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	130	—	—	2.4	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	138	—	—	2.4	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.4	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.4	mg/L	—	J	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.4	mg/L	—	—	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	1.63	—	—	0.33	mg/L	—	—	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.66	—	—	0.33	mg/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	5/29/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1.81	—	—	0.33	mg/L	—	U	09-2093	CAPA-09-9309	GELC
18-BG-1	5741	10	2/26/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.52	—	—	0.33	mg/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.58	—	—	0.33	mg/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.31	—	—	0.33	mg/L	—	—	08-1925	CAPA-08-14940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.075	—	—	0.015	mg/L	—	—	09-3136	CAPA-09-12940	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
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.096	—	—	0.015	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.047	—	—	0.015	mg/L	J	U	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.111	—	—	0.024	mg/L	—	U	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.13	—	—	0.024	mg/L	—	U	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.058	—	—	0.024	mg/L	—	U	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	6.61	—	—	0.01	SU	H	J-	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.69	—	—	0.01	SU	H	J-	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.75	—	—	0.01	SU	H	J-	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.65	—	—	0.01	SU	H	J-	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.77	—	—	0.01	SU	H	J-	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.7	—	—	0.01	SU	H	J-	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Metals	SW-846:6010B	Aluminum	—	150	—	—	68	ug/L	J	J	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	271	—	—	68	ug/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	659	—	—	68	ug/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	673	—	—	68	ug/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	637	—	—	68	ug/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	233	—	—	68	ug/L	*	—	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	1280	—	—	68	ug/L	—	—	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1430	—	—	68	ug/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	740	—	—	68	ug/L	—	—	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3190	—	—	68	ug/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1080	—	—	68	ug/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	358	—	—	68	ug/L	*	—	08-1925	CAPA-08-14940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.79	—	—	1.5	ug/L	J	J	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	4.1	—	—	1.5	ug/L	J	J	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	3.3	—	—	1.5	ug/L	J	U	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	5/29/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	2/26/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	08-1925	CAPA-08-14940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	76.4	—	—	1	ug/L	—	—	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	75.7	—	—	1	ug/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	78.4	—	—	1	ug/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	78.3	—	—	1	ug/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	72.5	—	—	1	ug/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	67.9	—	—	1	ug/L	—	—	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	84.9	—	—	1	ug/L	—	—	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	81.4	—	—	1	ug/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	79.3	—	—	1	ug/L	—	—	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	90.7	—	—	1	ug/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	72.6	—	—	1	ug/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	69.6	—	—	1	ug/L	—	—	08-1925	CAPA-08-14940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	17.6	—	—	15	ug/L	J	J	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.8	—	—	15	ug/L	J	J	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.9	—	—	10	ug/L	J	J	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	23.7	—	—	10	ug/L	J	J	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	24.2	—	—	10	ug/L	J	J	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.1	—	—	10	ug/L	J	J	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	17.9	—	—	15	ug/L	J	J	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.6	—	—	15	ug/L	J	J	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	23.5	—	—	10	ug/L	J	J	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	26.4	—	—	10	ug/L	J	J	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	23.9	—	—	10	ug/L	J	J	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	20.2	—	—	10	ug/L	J	J	08-1925	CAPA-08-14940	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	304	—	—	25	ug/L	—	—	09-2094	CAPA-09-9310	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
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	319	—	—	25	ug/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	334	—	—	25	ug/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	112	—	—	25	ug/L	*	—	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	643	—	—	30	ug/L	—	—	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	710	—	—	30	ug/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	341	—	—	25	ug/L	—	—	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1660	—	—	25	ug/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	576	—	—	25	ug/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	143	—	—	25	ug/L	*	—	08-1925	CAPA-08-14940	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.02	—	—	2	ug/L	J	J	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.1	—	—	2	ug/L	J	J	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	5.98	—	—	2	ug/L	J	J	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.99	—	—	2	ug/L	J	J	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.36	—	—	2	ug/L	J	J	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	23.4	—	—	2	ug/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3	—	—	2	ug/L	J	J	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	08-1925	CAPA-08-14940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	0.411	—	—	0.1	ug/L	J	J	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.41	—	—	0.1	ug/L	J	J	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.364	—	—	0.1	ug/L	J	J	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.36	—	—	0.1	ug/L	J	J	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.48	—	—	0.1	ug/L	J	U	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.45	—	—	0.1	ug/L	J	J	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6020	Molybdenum	—	0.373	—	—	0.1	ug/L	J	J	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.401	—	—	0.1	ug/L	J	J	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	5/29/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.377	—	—	0.1	ug/L	J	J	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	2/26/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.44	—	—	0.1	ug/L	J	J	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.48	—	—	0.1	ug/L	J	U	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.45	—	—	0.1	ug/L	J	J	08-1925	CAPA-08-14940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.568	—	—	0.5	ug/L	J	J	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.584	—	—	0.5	ug/L	J	J	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.609	—	—	0.5	ug/L	J	J	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.61	—	—	0.5	ug/L	J	J	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.61	—	—	0.5	ug/L	J	J	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.84	—	—	0.5	ug/L	J	J	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	0.581	—	—	0.5	ug/L	J	J	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.611	—	—	0.5	ug/L	J	J	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	5/29/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.667	—	—	0.5	ug/L	J	J	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	2/26/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	0.5	ug/L	J	J	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.7	—	—	0.5	ug/L	J	J	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.87	—	—	0.5	ug/L	J	J	08-1925	CAPA-08-14940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	31.6	—	—	0.053	mg/L	—	—	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	31.3	—	—	0.053	mg/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32	—	—	0.032	mg/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.8	—	—	0.032	mg/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	31.9	—	—	0.032	mg/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	29	—	—	0.032	mg/L	—	—	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	102	—	—	1	ug/L	—	—	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1	ug/L	—	—	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	95.1	—	—	1	ug/L	—	—	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	97.8	—	—	1	ug/L	—	—	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	93.7	—	—	1	ug/L	—	—	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	81.4	—	—	1	ug/L	—	—	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	104	—	—	1	ug/L	—	—	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	104	—	—	1	ug/L	—	—	09-3136	CAPA-09-12311	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
18-BG-1	5741	10	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	96.1	—	—	1	ug/L	—	—	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	98.7	—	—	1	ug/L	—	—	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	92.1	—	—	1	ug/L	—	—	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	84.3	—	—	1	ug/L	—	—	08-1925	CAPA-08-14940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	1.05	—	—	1	ug/L	J	J	09-3136	CAPA-09-12940	GELC
18-BG-1	5741	10	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.59	—	—	1	ug/L	J	J	09-3136	CAPA-09-12309	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.26	—	—	1	ug/L	J	U	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.7	—	—	1	ug/L	J	J	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.6	—	—	1	ug/L	J	J	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2	—	—	1	ug/L	J	J	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	1.53	—	—	1	ug/L	J	J	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.67	—	—	1	ug/L	J	J	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	2.24	—	—	1	ug/L	J	U	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.5	—	—	1	ug/L	J	J	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1	ug/L	J	J	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.1	—	—	1	ug/L	J	J	08-1925	CAPA-08-14940	GELC
18-BG-1	5741	10	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.26	—	—	2	ug/L	J	J	09-2094	CAPA-09-9310	GELC
18-BG-1	5741	10	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.2	—	—	2	ug/L	J	J	09-1029	CAPA-09-4101	GELC
18-BG-1	5741	10	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.5	—	—	2	ug/L	J	J	09-462	CAPA-09-1118	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	08-1925	CAPA-08-14938	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Zinc	—	3.65	—	—	3.3	ug/L	J	J	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.06	—	—	3.3	ug/L	J	J	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.39	—	—	2	ug/L	J	J	09-2094	CAPA-09-9309	GELC
18-BG-1	5741	10	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6	—	—	2	ug/L	J	J	09-1029	CAPA-09-4100	GELC
18-BG-1	5741	10	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3	—	—	2	ug/L	J	J	09-462	CAPA-09-1117	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	3.3	—	—	2	ug/L	J	U	08-1925	CAPA-08-14940	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00127	0.0042	0.026	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	6/20/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0175	0.01	0.04	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	3/4/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00919	0.01	0.041	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	12/4/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0142	0.0086	0.039	—	pCi/L	U	U	08-329	CAPA-08-9352	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	0.00239	0.0032	0.033	—	pCi/L	U	U	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00118	0.0017	0.031	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00199	0.0059	0.025	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	6/20/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00466	0.012	0.04	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	3/4/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00327	0.0083	0.039	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	12/4/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0092	0.01	0.041	—	pCi/L	U	U	08-329	CAPA-08-9353	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.61	1.3	4.6	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	6/20/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.115	1.2	3.9	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	3/4/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.428	1.5	4.6	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	12/4/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.667	1.8	5.2	—	pCi/L	U	U	08-329	CAPA-08-9352	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	-0.798	1.1	3	—	pCi/L	U	U	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.81	1.2	3.6	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.27	1.4	4.7	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	6/20/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.34	1.5	4.8	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	3/4/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0448	1.7	4.8	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	12/4/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.927	0.84	3.9	—	pCi/L	U	U	08-329	CAPA-08-9353	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.78	1.4	4.2	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	6/20/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0935	1.4	4.4	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	3/4/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.814	1.6	5.1	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	12/4/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.93	1.5	3.7	—	pCi/L	U	U	08-329	CAPA-08-9352	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	0.526	1	3.4	—	pCi/L	U	U	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.736	1	3.6	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.156	1.5	4.9	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	6/20/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.18	1.4	4.1	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	3/4/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.997	1.4	4.8	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	12/4/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.5	1.3	4.5	—	pCi/L	U	U	08-329	CAPA-08-9353	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha/beta	<	0.582	0.69	2.7	—	pCi/L	U	U	09-3136	CAPA-09-12941	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
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.72	1	2.5	—	pCi/L	—	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/10/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.88	0.888	2.63	—	pCi/L	—	J	193554	GF07090G18B101	GELC
18-BG-1	5741	10	6/28/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4	0.691	1.86	—	pCi/L	—	J	188896	GF07060G18B101	GELC
18-BG-1	5741	10	3/20/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.38	0.904	2.67	—	pCi/L	—	J	182907	GF07030G18B101	GELC
18-BG-1	5741	10	12/8/2006	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.7	1.04	3	—	pCi/L	—	J	177599	GF06120G18B101	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	EPA:900	Gross beta	—	6.9	1.5	3.6	—	pCi/L	—	—	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.19	1.4	3.7	—	pCi/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/10/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.87	0.941	2.83	—	pCi/L	—	J	193554	GU07090G18B101	GELC
18-BG-1	5741	10	6/28/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.71	0.774	2.01	—	pCi/L	—	J	188896	GU07060G18B101	GELC
18-BG-1	5741	10	3/20/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.21	1.13	3.2	—	pCi/L	—	J	182907	GU07030G18B101	GELC
18-BG-1	5741	10	12/8/2006	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.1	0.955	2.66	—	pCi/L	—	J	177599	GU06120G18B101	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	32	27	35	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	6/20/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	58.5	46	68	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	3/4/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	228	100	440	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	12/4/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	82.5	82	360	—	pCi/L	U	U	08-329	CAPA-08-9352	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	—	213	70	130	—	pCi/L	—	—	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	232	52	130	—	pCi/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	13.4	9.7	27	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	6/20/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	62	44	77	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	3/4/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	245	110	450	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	12/4/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	101	83	350	—	pCi/L	U	U	08-329	CAPA-08-9353	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.57	10	33	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	6/20/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.6	11	35	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	3/4/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.01	13	42	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	12/4/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.75	6.7	22	—	pCi/L	U	U	08-329	CAPA-08-9352	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	11.8	7.9	26	—	pCi/L	U	U	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	22.8	12	28	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.253	9.3	31	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	6/20/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.5	9.4	32	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	3/4/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	18.5	10	33	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	12/4/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.54	7.8	26	—	pCi/L	U	U	08-329	CAPA-08-9353	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0027	0.029	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	6/20/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00838	0.0059	0.025	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	3/4/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0044	0.0038	0.042	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	12/4/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00472	0.0033	0.042	—	pCi/L	U	U	08-329	CAPA-08-9352	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.00477	0.0032	0.028	—	pCi/L	U	U	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0023	0.029	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00204	0.0029	0.031	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	6/20/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00198	0.0044	0.023	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	3/4/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00425	0.01	0.041	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	12/4/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-2.67E-10	0.0032	0.04	—	pCi/L	U	U	08-329	CAPA-08-9353	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00382	0.0038	0.033	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	6/20/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00628	0.0047	0.033	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	3/4/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0044	0.0031	0.045	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	12/4/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00944	0.013	0.04	—	pCi/L	U	U	08-329	CAPA-08-9352	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	-0.00159	0.0028	0.031	—	pCi/L	U	U	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00325	0.0023	0.032	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00408	0.0058	0.035	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	6/20/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00794	0.0056	0.031	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	3/4/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0067	0.043	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	12/4/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00224	0.0039	0.038	—	pCi/L	U	U	08-329	CAPA-08-9353	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.42	18	60	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	6/20/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	28.9	24	52	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	3/4/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	14.3	21	76	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	12/4/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.2	18	56	—	pCi/L	U	U	08-329	CAPA-08-9352	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	1.16	13	45	—	pCi/L	U	U	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-47.4	16	47	—	pCi/L	U	U	09-3136	CAPA-09-12311	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
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	—	79.6	16	44	—	pCi/L	—	—	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	6/20/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	2.88	21	71	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	3/4/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	2.98	18	58	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	12/4/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	19	17	43	—	pCi/L	U	U	08-329	CAPA-08-9353	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.805	0.25	0.56	—	pCi/L	—	—	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.593	0.29	0.87	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	3/4/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.327	0.14	0.39	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	12/4/2007	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.71	0.31	0.5	—	pCi/L	—	—	08-329	CAPA-08-9353	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.143	0.31	1.1	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.943	0.24	0.58	—	pCi/L	—	—	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	3/4/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.266	0.18	0.6	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	12/4/2007	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.731	0.22	0.56	—	pCi/L	—	—	08-329	CAPA-08-9353	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.91	1.4	3.6	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	6/20/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.848	1.1	3.1	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	3/4/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.622	1.6	4.5	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	12/4/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.321	1.4	4.4	—	pCi/L	U	U	08-329	CAPA-08-9352	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	0.233	1	3.3	—	pCi/L	U	U	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1	1.1	3.6	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0108	1	3.4	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	6/20/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.08	1.5	4.3	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	3/4/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.239	1.5	4.8	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	12/4/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.425	1.1	3.8	—	pCi/L	U	U	08-329	CAPA-08-9353	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.625	0.45	1.5	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	6/20/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00521	0.081	0.31	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	3/4/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.111	0.098	0.34	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	12/4/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.205	0.11	0.45	—	pCi/L	U	U	08-329	CAPA-08-9352	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.0382	0.072	0.24	—	pCi/L	U	U	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0555	0.057	0.19	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0513	0.052	0.18	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	6/20/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.101	0.068	0.3	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	3/4/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0401	0.082	0.3	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	12/4/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0897	0.13	0.47	—	pCi/L	U	U	08-329	CAPA-08-9353	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	HASL-300	Thorium-228	<	0.0409	0.013	0.12	—	pCi/L	U	U	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.0204	0.014	0.12	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	HASL-300	Thorium-230	<	0.00931	0.0085	0.13	—	pCi/L	U	U	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.00171	0.0093	0.13	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	HASL-300	Thorium-232	<	0.0247	0.008	0.044	—	pCi/L	U	U	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.00000205	0.0059	0.043	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	LLEE	Tritium	—	51.7266	1.5965	0.28737	—	pCi/L	—	—	09-3165	CAPA-09-12941	UMTL
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	51.7266	1.5965	0.28737	—	pCi/L	—	—	09-3165	CAPA-09-12311	UMTL
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	37.447504	5.776137	2.736401	—	pCi/L	—	U	08-1935	CAPA-08-14940	ARSL
18-BG-1	5741	10	6/20/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	53.0038	1.9158	0.28737	—	pCi/L	—	—	08-1453	CAPA-08-13527	UMTL
18-BG-1	5741	10	3/4/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	24.17101	7.43969	2.58633	—	pCi/L	—	—	08-749	CAPA-08-10936	ARSL
18-BG-1	5741	10	12/4/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	64.1793	2.2351	0.28737	—	pCi/L	—	—	08-328	CAPA-08-9353	UMTL
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0172	0.0096	0.066	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	6/20/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0129	0.02	0.15	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	3/4/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0218	0.0088	0.085	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	12/4/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0123	0.0089	0.083	—	pCi/L	U	U	08-329	CAPA-08-9352	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	<	0.0149	0.0091	0.097	—	pCi/L	U	U	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0151	0.008	0.11	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0281	0.0087	0.064	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	6/20/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0183	0.023	0.17	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	3/4/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0287	0.012	0.084	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	12/4/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0239	0.012	0.08	—	pCi/L	U	U	08-329	CAPA-08-9353	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00237	0.0041	0.035	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	6/20/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0053	0.012	0.084	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	3/4/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.015	0.0068	0.044	—	pCi/L	U	U	08-740	CAPA-08-10935	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
18-BG-1	5741	10	12/4/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00608	0.0075	0.043	—	pCi/L	U	U	08-329	CAPA-08-9352	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.00654	0.008	0.049	—	pCi/L	U	U	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00371	0.0037	0.055	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00462	0.0033	0.034	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	6/20/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00566	0.0098	0.09	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	3/4/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00887	0.0066	0.043	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	12/4/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00886	0.0066	0.041	—	pCi/L	U	U	08-329	CAPA-08-9353	GELC
18-BG-1	5741	10	9/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0	0.0047	0.034	—	pCi/L	U	U	08-1924	CAPA-08-14938	GELC
18-BG-1	5741	10	6/20/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	-0.00857	0.012	0.093	—	pCi/L	U	U	08-1406	CAPA-08-13530	GELC
18-BG-1	5741	10	3/4/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0145	0.006	0.056	—	pCi/L	U	U	08-740	CAPA-08-10935	GELC
18-BG-1	5741	10	12/4/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0123	0.0089	0.051	—	pCi/L	U	U	08-329	CAPA-08-9352	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	<	0.0159	0.0076	0.049	—	pCi/L	U	U	09-3136	CAPA-09-12941	GELC
18-BG-1	5741	10	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.018	0.0075	0.055	—	pCi/L	U	U	09-3136	CAPA-09-12311	GELC
18-BG-1	5741	10	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.015	0.0065	0.034	—	pCi/L	U	U	08-1924	CAPA-08-14940	GELC
18-BG-1	5741	10	6/20/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.00916	0.017	0.1	—	pCi/L	U	U	08-1406	CAPA-08-13527	GELC
18-BG-1	5741	10	3/4/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0407	0.011	0.055	—	pCi/L	U	U	08-740	CAPA-08-10936	GELC
18-BG-1	5741	10	12/4/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0287	0.01	0.05	—	pCi/L	U	U	08-329	CAPA-08-9353	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	48.6	—	—	0.73	mg/L	—	—	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49	—	—	0.73	mg/L	—	—	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	46.7	—	—	0.73	mg/L	—	—	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	45.6	—	—	0.73	mg/L	—	—	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	46	—	—	0.73	mg/L	—	—	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.1	—	—	0.05	mg/L	—	—	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.9	—	—	0.03	mg/L	—	—	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.6	—	—	0.03	mg/L	—	—	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	0.03	mg/L	—	—	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.3	—	—	0.03	mg/L	—	—	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.6	—	—	0.05	mg/L	—	—	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	5/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.4	—	—	0.03	mg/L	—	—	09-2079	CAPA-09-9319	GELC
18-MW-11	7971	27	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	0.03	mg/L	—	—	09-1126	CAPA-09-4108	GELC
18-MW-11	7971	27	12/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	0.03	mg/L	—	—	09-480	CAPA-09-1127	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.5	—	—	0.03	mg/L	—	—	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	28.4	—	—	0.13	mg/L	—	—	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	27.9	—	—	0.33	mg/L	—	J+	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	24.2	—	—	0.13	mg/L	—	—	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	23.4	—	—	0.13	mg/L	—	J-	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	25.4	—	—	0.13	mg/L	—	—	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.193	—	—	0.033	mg/L	—	—	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.141	—	—	0.033	mg/L	—	—	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.105	—	—	0.033	mg/L	—	—	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.141	—	—	0.033	mg/L	—	—	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.119	—	—	0.033	mg/L	—	—	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	68.9	—	—	0.35	mg/L	—	—	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	71.3	—	—	0.35	mg/L	—	—	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	66	—	—	0.35	mg/L	—	—	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.1	—	—	0.35	mg/L	—	—	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58.1	—	—	0.35	mg/L	—	—	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71	—	—	0.35	mg/L	—	—	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	5/28/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	69.8	—	—	0.35	mg/L	—	—	09-2079	CAPA-09-9319	GELC
18-MW-11	7971	27	3/5/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	62.6	—	—	0.35	mg/L	—	—	09-1126	CAPA-09-4108	GELC
18-MW-11	7971	27	12/9/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	62.4	—	—	0.35	mg/L	—	—	09-480	CAPA-09-1127	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.2	—	—	0.35	mg/L	—	—	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.77	—	—	0.085	mg/L	—	—	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.87	—	—	0.085	mg/L	—	—	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.36	—	—	0.085	mg/L	—	—	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.03	—	—	0.085	mg/L	—	—	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.83	—	—	0.085	mg/L	—	—	08-1945	CAPA-08-14954	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
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.98	—	—	0.085	mg/L	—	—	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	5/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.79	—	—	0.085	mg/L	—	—	09-2079	CAPA-09-9319	GELC
18-MW-11	7971	27	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.35	—	—	0.085	mg/L	—	—	09-1126	CAPA-09-4108	GELC
18-MW-11	7971	27	12/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.29	—	—	0.085	mg/L	—	—	09-480	CAPA-09-1127	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.73	—	—	0.085	mg/L	—	—	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	3.29	—	—	0.1	mg/L	—	—	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.06	—	—	0.1	mg/L	—	—	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.27	—	—	0.05	mg/L	—	—	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.78	—	—	0.05	mg/L	—	—	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.5	—	—	0.05	mg/L	—	J-	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.337	—	—	0.05	ug/L	—	—	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.3	—	—	0.05	ug/L	—	—	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.284	—	—	0.05	ug/L	—	—	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.266	—	—	0.05	ug/L	—	—	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.324	—	—	0.05	ug/L	—	—	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.65	—	—	0.05	mg/L	—	—	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.71	—	—	0.05	mg/L	—	—	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.93	—	—	0.05	mg/L	—	—	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.7	—	—	0.05	mg/L	—	—	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.32	—	—	0.05	mg/L	E	—	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.77	—	—	0.05	mg/L	—	—	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	5/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.72	—	—	0.05	mg/L	—	—	09-2079	CAPA-09-9319	GELC
18-MW-11	7971	27	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.95	—	—	0.05	mg/L	—	—	09-1126	CAPA-09-4108	GELC
18-MW-11	7971	27	12/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.78	—	—	0.05	mg/L	—	—	09-480	CAPA-09-1127	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.47	—	—	0.05	mg/L	E	—	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.9	—	—	0.1	mg/L	—	—	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.5	—	—	0.045	mg/L	—	—	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.8	—	—	0.045	mg/L	—	—	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.4	—	—	0.045	mg/L	—	—	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.9	—	—	0.045	mg/L	—	—	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.4	—	—	0.1	mg/L	—	—	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	5/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.3	—	—	0.045	mg/L	—	—	09-2079	CAPA-09-9319	GELC
18-MW-11	7971	27	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.8	—	—	0.045	mg/L	—	—	09-1126	CAPA-09-4108	GELC
18-MW-11	7971	27	12/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.9	—	—	0.045	mg/L	—	—	09-480	CAPA-09-1127	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	0.045	mg/L	—	—	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	264	—	—	1	uS/cm	—	—	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	234	—	—	1	uS/cm	—	—	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	226	—	—	1	uS/cm	—	—	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	214	—	—	1	uS/cm	—	—	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	212	—	—	1	uS/cm	—	—	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.3	—	—	0.1	mg/L	—	—	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.8	—	—	0.1	mg/L	—	J	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.4	—	—	0.1	mg/L	—	J-	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.6	—	—	0.1	mg/L	—	J-	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.7	—	—	0.1	mg/L	—	J-	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	159	—	—	2.4	mg/L	—	J	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	162	—	—	2.4	mg/L	—	—	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	155	—	—	2.4	mg/L	H	J	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.4	mg/L	—	—	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	152	—	—	2.4	mg/L	—	J	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.36	—	—	0.33	mg/L	—	—	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	5/28/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.4	—	—	0.33	mg/L	—	—	09-2079	CAPA-09-9319	GELC
18-MW-11	7971	27	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1.79	—	—	0.33	mg/L	—	U	09-1126	CAPA-09-4108	GELC
18-MW-11	7971	27	12/9/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.81	—	—	0.33	mg/L	—	—	09-480	CAPA-09-1127	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.15	—	—	0.33	mg/L	—	—	08-1944	CAPA-08-14953	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.074	—	—	0.015	mg/L	—	—	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.04	—	—	0.015	mg/L	J	U	09-2079	CAPA-09-9321	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
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.05	—	—	0.024	mg/L	U	U	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.069	—	—	0.024	mg/L	—	—	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.076	—	—	0.024	mg/L	—	U	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.77	—	—	0.01	SU	H	J-	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.73	—	—	0.01	SU	H	J-	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.85	—	—	0.01	SU	H	J-	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.75	—	—	0.01	SU	H	J-	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.88	—	—	0.01	SU	H	J-	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	161	—	—	68	ug/L	J	J	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	402	—	—	68	ug/L	—	—	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	332	—	—	68	ug/L	—	U	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	353	—	—	68	ug/L	—	—	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	342	—	—	68	ug/L	—	—	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	324	—	—	68	ug/L	—	—	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	5/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	766	—	—	68	ug/L	—	—	09-2079	CAPA-09-9319	GELC
18-MW-11	7971	27	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	443	—	—	68	ug/L	—	U	09-1126	CAPA-09-4108	GELC
18-MW-11	7971	27	12/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	470	—	—	68	ug/L	—	—	09-480	CAPA-09-1127	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	767	—	—	68	ug/L	—	—	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	100	—	—	1	ug/L	—	—	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	99.3	—	—	1	ug/L	—	—	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	89.1	—	—	1	ug/L	—	—	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	81.9	—	—	1	ug/L	—	—	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	80.4	—	—	1	ug/L	—	—	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	102	—	—	1	ug/L	—	—	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	5/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	99.9	—	—	1	ug/L	—	—	09-2079	CAPA-09-9319	GELC
18-MW-11	7971	27	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	91.3	—	—	1	ug/L	—	—	09-1126	CAPA-09-4108	GELC
18-MW-11	7971	27	12/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	86.3	—	—	1	ug/L	—	—	09-480	CAPA-09-1127	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	81.2	—	—	1	ug/L	—	—	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	25.1	—	—	15	ug/L	J	J	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19.9	—	—	10	ug/L	J	J	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	33.9	—	—	10	ug/L	J	U	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	25.7	—	—	10	ug/L	J	J	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	22.1	—	—	10	ug/L	J	J	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	23.4	—	—	15	ug/L	J	J	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	5/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21.9	—	—	10	ug/L	J	J	09-2079	CAPA-09-9319	GELC
18-MW-11	7971	27	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	33.2	—	—	10	ug/L	J	U	09-1126	CAPA-09-4108	GELC
18-MW-11	7971	27	12/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	26.1	—	—	10	ug/L	J	J	09-480	CAPA-09-1127	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.1	—	—	10	ug/L	J	J	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.412	—	—	0.1	ug/L	J	J	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.408	—	—	0.1	ug/L	J	J	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.44	—	—	0.1	ug/L	J	J	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.52	—	—	0.1	ug/L	—	U	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.38	—	—	0.1	ug/L	J	J	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.368	—	—	0.1	ug/L	J	J	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	5/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.421	—	—	0.1	ug/L	J	J	09-2079	CAPA-09-9319	GELC
18-MW-11	7971	27	3/5/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.45	—	—	0.1	ug/L	J	J	09-1126	CAPA-09-4108	GELC
18-MW-11	7971	27	12/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.49	—	—	0.1	ug/L	J	U	09-480	CAPA-09-1127	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.39	—	—	0.1	ug/L	J	J	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.7	—	—	0.5	ug/L	J	J	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.639	—	—	0.5	ug/L	J	J	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	5/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-2079	CAPA-09-9319	GELC
18-MW-11	7971	27	3/5/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-1126	CAPA-09-4108	GELC
18-MW-11	7971	27	12/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.52	—	—	0.5	ug/L	J	J	09-480	CAPA-09-1127	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
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32.1	—	—	0.053	mg/L	—	—	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.2	—	—	0.032	mg/L	—	—	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.7	—	—	0.032	mg/L	—	—	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.9	—	—	0.032	mg/L	—	—	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32.8	—	—	0.032	mg/L	—	—	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	129	—	—	1	ug/L	—	—	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	127	—	—	1	ug/L	—	—	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	121	—	—	1	ug/L	—	—	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	107	—	—	1	ug/L	—	—	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	96.5	—	—	1	ug/L	—	—	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	132	—	—	1	ug/L	—	—	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	5/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	125	—	—	1	ug/L	—	—	09-2079	CAPA-09-9319	GELC
18-MW-11	7971	27	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	122	—	—	1	ug/L	—	—	09-1126	CAPA-09-4108	GELC
18-MW-11	7971	27	12/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	111	—	—	1	ug/L	—	—	09-480	CAPA-09-1127	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	98.4	—	—	1	ug/L	—	—	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	9/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.22	—	—	1	ug/L	J	J	09-3134	CAPA-09-12132	GELC
18-MW-11	7971	27	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.55	—	—	1	ug/L	J	J	09-2079	CAPA-09-9321	GELC
18-MW-11	7971	27	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1	ug/L	J	J	09-1126	CAPA-09-4109	GELC
18-MW-11	7971	27	12/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.3	—	—	1	ug/L	J	J	09-480	CAPA-09-1126	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	3.9	—	—	1	ug/L	J	U	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.32	—	—	1	ug/L	J	J	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	5/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.36	—	—	1	ug/L	J	J	09-2079	CAPA-09-9319	GELC
18-MW-11	7971	27	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1	ug/L	J	J	09-1126	CAPA-09-4108	GELC
18-MW-11	7971	27	12/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.2	—	—	1	ug/L	J	J	09-480	CAPA-09-1127	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.4	—	—	1	ug/L	J	U	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00269	0.0042	0.027	—	pCi/L	U	U	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	6/17/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00387	0.0065	0.038	—	pCi/L	U	U	08-1374	CAPA-08-13091	GELC
18-MW-11	7971	27	3/5/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00121	0.009	0.042	—	pCi/L	U	U	08-756	CAPA-08-11107	GELC
18-MW-11	7971	27	12/5/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00715	0.0093	0.04	—	pCi/L	U	U	08-338	CAPA-08-9343	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00128	0.0016	0.03	—	pCi/L	U	U	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0122	0.01	0.028	—	pCi/L	U	U	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	6/17/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0126	0.0053	0.036	—	pCi/L	U	U	08-1374	CAPA-08-13089	GELC
18-MW-11	7971	27	3/5/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0194	0.012	0.041	—	pCi/L	U	U	08-756	CAPA-08-11105	GELC
18-MW-11	7971	27	12/5/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00321	0.0076	0.042	—	pCi/L	U	U	08-338	CAPA-08-9341	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.43	1.3	4.4	—	pCi/L	U	U	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	6/17/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.587	1.3	4.1	—	pCi/L	U	U	08-1374	CAPA-08-13091	GELC
18-MW-11	7971	27	3/5/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0497	1.1	3.6	—	pCi/L	U	U	08-756	CAPA-08-11107	GELC
18-MW-11	7971	27	12/5/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.826	1.6	5.4	—	pCi/L	U	U	08-338	CAPA-08-9343	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.6	1.2	4.2	—	pCi/L	U	U	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.267	1.2	4.2	—	pCi/L	U	U	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	6/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.12	1.7	5.2	—	pCi/L	U	U	08-1374	CAPA-08-13089	GELC
18-MW-11	7971	27	3/5/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.03	1.7	5.7	—	pCi/L	U	U	08-756	CAPA-08-11105	GELC
18-MW-11	7971	27	12/5/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.384	1.5	4.9	—	pCi/L	U	U	08-338	CAPA-08-9341	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.175	1.3	4.1	—	pCi/L	U	U	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	6/17/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.31	1.2	4.3	—	pCi/L	U	U	08-1374	CAPA-08-13091	GELC
18-MW-11	7971	27	3/5/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.651	0.99	3	—	pCi/L	U	U	08-756	CAPA-08-11107	GELC
18-MW-11	7971	27	12/5/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.462	1.4	4.4	—	pCi/L	U	U	08-338	CAPA-08-9343	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0255	0.96	3.1	—	pCi/L	U	U	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.739	1.4	4.2	—	pCi/L	U	U	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	6/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.935	1.6	5	—	pCi/L	U	U	08-1374	CAPA-08-13089	GELC
18-MW-11	7971	27	3/5/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.33	2.1	5.5	—	pCi/L	U	U	08-756	CAPA-08-11105	GELC
18-MW-11	7971	27	12/5/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.102	1.6	4.4	—	pCi/L	U	U	08-338	CAPA-08-9341	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.49	0.75	2	—	pCi/L	U	U	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/13/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.63	1.06	2.68	—	pCi/L	—	J	193817	GF07090G181101	GELC
18-MW-11	7971	27	7/3/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.73	0.753	1.8	—	pCi/L	—	J	189079	GF07060G181101	GELC
18-MW-11	7971	27	3/28/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.19	1.03	2.95	—	pCi/L	—	J	183362	GF07030G181101	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
18-MW-11	7971	27	12/12/2006	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.18	1.35	3.86	—	pCi/L	—	J	177782	GF06120G181101	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.64	1.5	3.6	—	pCi/L	—	—	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/13/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.49	1.36	3.45	—	pCi/L	—	J	193817	GU07090G181101	GELC
18-MW-11	7971	27	7/3/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.24	0.732	1.52	—	pCi/L	—	—	189079	GU07060G181101	GELC
18-MW-11	7971	27	3/28/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.09	1.01	2.9	—	pCi/L	—	J	183362	GU07030G181101	GELC
18-MW-11	7971	27	12/12/2006	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.99	0.905	2.54	—	pCi/L	—	J	177782	GU06120G181101	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	12.4	17	31	—	pCi/L	U	U	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	6/17/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	209	200	430	—	pCi/L	U	U	08-1374	CAPA-08-13091	GELC
18-MW-11	7971	27	3/5/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	310	170	340	—	pCi/L	U	U	08-756	CAPA-08-11107	GELC
18-MW-11	7971	27	12/5/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	89.3	52	250	—	pCi/L	U	U	08-338	CAPA-08-9343	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	294	91	190	—	pCi/L	—	—	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	2.84	6.2	9.7	—	pCi/L	U	U	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	6/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	183	89	460	—	pCi/L	U	U	08-1374	CAPA-08-13089	GELC
18-MW-11	7971	27	3/5/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	359	140	480	—	pCi/L	U	U	08-756	CAPA-08-11105	GELC
18-MW-11	7971	27	12/5/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	152	110	360	—	pCi/L	U	U	08-338	CAPA-08-9341	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.26	5.6	19	—	pCi/L	U	U	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	6/17/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-22.9	13	32	—	pCi/L	U	U	08-1374	CAPA-08-13091	GELC
18-MW-11	7971	27	3/5/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	32.7	10	28	—	pCi/L	UI	R	08-756	CAPA-08-11107	GELC
18-MW-11	7971	27	12/5/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.81	11	34	—	pCi/L	U	U	08-338	CAPA-08-9343	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	25.7	11	32	—	pCi/L	U	U	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-9.14	5.6	18	—	pCi/L	U	U	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	6/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.12	7.8	24	—	pCi/L	U	U	08-1374	CAPA-08-13089	GELC
18-MW-11	7971	27	3/5/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	33.7	27	47	—	pCi/L	U	U	08-756	CAPA-08-11105	GELC
18-MW-11	7971	27	12/5/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.52	12	38	—	pCi/L	U	U	08-338	CAPA-08-9341	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00445	0.0032	0.034	—	pCi/L	U	U	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	6/17/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00485	0.0058	0.019	—	pCi/L	U	U	08-1374	CAPA-08-13091	GELC
18-MW-11	7971	27	3/5/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00891	0.014	0.057	—	pCi/L	U	U	08-756	CAPA-08-11107	GELC
18-MW-11	7971	27	12/5/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00434	0.0043	0.039	—	pCi/L	U	U	08-338	CAPA-08-9343	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0016	0.028	—	pCi/L	U	U	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00243	0.0042	0.037	—	pCi/L	U	U	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	6/17/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00175	0.0046	0.021	—	pCi/L	U	U	08-1374	CAPA-08-13089	GELC
18-MW-11	7971	27	3/5/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0114	0.017	0.055	—	pCi/L	U	U	08-756	CAPA-08-11105	GELC
18-MW-11	7971	27	12/5/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-4.95E-10	0.0042	0.037	—	pCi/L	U	U	08-338	CAPA-08-9341	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00222	0.005	0.038	—	pCi/L	U	U	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	6/17/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00646	0.0032	0.026	—	pCi/L	U	U	08-1374	CAPA-08-13091	GELC
18-MW-11	7971	27	3/5/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0178	0.0084	0.061	—	pCi/L	U	U	08-756	CAPA-08-11107	GELC
18-MW-11	7971	27	12/5/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0069	0.037	—	pCi/L	U	U	08-338	CAPA-08-9343	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00316	0.0032	0.031	—	pCi/L	U	U	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00486	0.006	0.042	—	pCi/L	U	U	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	6/17/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00175	0.0039	0.028	—	pCi/L	U	U	08-1374	CAPA-08-13089	GELC
18-MW-11	7971	27	3/5/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0314	0.01	0.058	—	pCi/L	U	U	08-756	CAPA-08-11105	GELC
18-MW-11	7971	27	12/5/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00415	0.0051	0.035	—	pCi/L	U	U	08-338	CAPA-08-9341	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	29	13	51	—	pCi/L	U	U	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	6/17/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-28.6	13	44	—	pCi/L	U	U	08-1374	CAPA-08-13091	GELC
18-MW-11	7971	27	3/5/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	17.2	17	55	—	pCi/L	U	U	08-756	CAPA-08-11107	GELC
18-MW-11	7971	27	12/5/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	4.04	19	35	—	pCi/L	U	U	08-338	CAPA-08-9343	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	22.2	14	50	—	pCi/L	U	U	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	27.7	13	50	—	pCi/L	U	U	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	6/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	28.1	15	57	—	pCi/L	U	U	08-1374	CAPA-08-13089	GELC
18-MW-11	7971	27	3/5/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	1.3	20	53	—	pCi/L	U	U	08-756	CAPA-08-11105	GELC
18-MW-11	7971	27	12/5/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	20.6	19	51	—	pCi/L	U	U	08-338	CAPA-08-9341	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.35	0.4	0.75	—	pCi/L	—	—	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0	0.12	0.49	—	pCi/L	U	U	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	3/5/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.272	0.15	0.49	—	pCi/L	U	U	08-756	CAPA-08-11105	GELC
18-MW-11	7971	27	12/5/2007	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.445	0.15	0.4	—	pCi/L	—	U	08-338	CAPA-08-9341	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.0287	0.38	1.4	—	pCi/L	U	U	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.363	0.14	0.39	—	pCi/L	U	U	08-1945	CAPA-08-14953	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
18-MW-11	7971	27	3/5/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.39	0.27	0.9	—	pCi/L	U	U	08-756	CAPA-08-11105	GELC
18-MW-11	7971	27	12/5/2007	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.898	0.28	0.75	—	pCi/L	—	—	08-338	CAPA-08-9341	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.62	1.3	3.8	—	pCi/L	U	U	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	6/17/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.4	1.3	4.6	—	pCi/L	U	U	08-1374	CAPA-08-13091	GELC
18-MW-11	7971	27	3/5/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.337	1	3.5	—	pCi/L	U	U	08-756	CAPA-08-11107	GELC
18-MW-11	7971	27	12/5/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.401	1.5	4.3	—	pCi/L	U	U	08-338	CAPA-08-9343	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.64	1.3	4	—	pCi/L	U	U	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0388	1.4	4.6	—	pCi/L	U	U	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	6/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.185	1.4	4.7	—	pCi/L	U	U	08-1374	CAPA-08-13089	GELC
18-MW-11	7971	27	3/5/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.74	1.7	5.3	—	pCi/L	U	U	08-756	CAPA-08-11105	GELC
18-MW-11	7971	27	12/5/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.948	1.5	5.3	—	pCi/L	U	U	08-338	CAPA-08-9341	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.139	0.077	0.27	—	pCi/L	U	U	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	6/17/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0147	0.09	0.34	—	pCi/L	U	U	08-1374	CAPA-08-13091	GELC
18-MW-11	7971	27	3/5/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00533	0.11	0.42	—	pCi/L	U	U	08-756	CAPA-08-11107	GELC
18-MW-11	7971	27	12/5/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.292	0.13	0.45	—	pCi/L	U	U	08-338	CAPA-08-9343	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.089	0.082	0.27	—	pCi/L	U	U	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0612	0.09	0.31	—	pCi/L	U	U	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	6/17/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0356	0.065	0.27	—	pCi/L	U	U	08-1374	CAPA-08-13089	GELC
18-MW-11	7971	27	3/5/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0103	0.061	0.24	—	pCi/L	U	U	08-756	CAPA-08-11105	GELC
18-MW-11	7971	27	12/5/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0267	0.085	0.29	—	pCi/L	U	U	08-338	CAPA-08-9341	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.00534	0.0095	0.11	—	pCi/L	U	U	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0244	0.0077	0.12	—	pCi/L	U	U	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00915	0.0046	0.041	—	pCi/L	U	U	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	59.7091	1.9158	0.28737	—	pCi/L	—	—	09-3165	CAPA-09-12130	UMTL
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	56.1968	1.9158	0.28737	—	pCi/L	—	—	08-1962	CAPA-08-14953	UMTL
18-MW-11	7971	27	6/17/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	55.2389	1.9158	0.28737	—	pCi/L	—	—	08-1378	CAPA-08-13089	UMTL
18-MW-11	7971	27	3/5/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	43.23322	13.15516	3.79967	—	pCi/L	—	—	08-755	CAPA-08-11105	ARSL
18-MW-11	7971	27	12/5/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	65.7758	2.2351	0.28737	—	pCi/L	—	—	08-339	CAPA-08-9341	UMTL
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.031	0.0097	0.068	—	pCi/L	U	U	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	6/17/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0483	0.011	0.067	—	pCi/L	U	U	08-1374	CAPA-08-13091	GELC
18-MW-11	7971	27	3/5/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0407	0.0086	0.059	—	pCi/L	U	U	08-756	CAPA-08-11107	GELC
18-MW-11	7971	27	12/5/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0253	0.01	0.094	—	pCi/L	U	U	08-338	CAPA-08-9343	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0122	0.0086	0.11	—	pCi/L	U	U	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0249	0.0094	0.073	—	pCi/L	U	U	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	6/17/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.034	0.0082	0.068	—	pCi/L	U	U	08-1374	CAPA-08-13089	GELC
18-MW-11	7971	27	3/5/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0183	0.0069	0.064	—	pCi/L	U	U	08-756	CAPA-08-11105	GELC
18-MW-11	7971	27	12/5/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0498	0.012	0.084	—	pCi/L	U	U	08-338	CAPA-08-9341	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0168	0.0073	0.035	—	pCi/L	U	U	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	6/17/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0138	0.0073	0.035	—	pCi/L	U	U	08-1374	CAPA-08-13091	GELC
18-MW-11	7971	27	3/5/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0021	0.0021	0.031	—	pCi/L	U	U	08-756	CAPA-08-11107	GELC
18-MW-11	7971	27	12/5/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00695	0.007	0.049	—	pCi/L	U	U	08-338	CAPA-08-9343	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.0053	0.055	—	pCi/L	U	U	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00514	0.0051	0.038	—	pCi/L	U	U	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	6/17/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0187	0.0067	0.035	—	pCi/L	U	U	08-1374	CAPA-08-13089	GELC
18-MW-11	7971	27	3/5/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00907	0.0046	0.033	—	pCi/L	U	U	08-756	CAPA-08-11105	GELC
18-MW-11	7971	27	12/5/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00923	0.0093	0.043	—	pCi/L	U	U	08-338	CAPA-08-9341	GELC
18-MW-11	7971	27	9/15/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0136	0.0076	0.038	—	pCi/L	U	U	08-1945	CAPA-08-14954	GELC
18-MW-11	7971	27	6/17/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0204	0.0063	0.041	—	pCi/L	U	U	08-1374	CAPA-08-13091	GELC
18-MW-11	7971	27	3/5/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0221	0.0067	0.039	—	pCi/L	U	U	08-756	CAPA-08-11107	GELC
18-MW-11	7971	27	12/5/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0281	0.013	0.059	—	pCi/L	U	U	08-338	CAPA-08-9343	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0241	0.0087	0.055	—	pCi/L	U	U	09-3134	CAPA-09-12130	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0228	0.0076	0.04	—	pCi/L	U	U	08-1945	CAPA-08-14953	GELC
18-MW-11	7971	27	6/17/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0151	0.0054	0.041	—	pCi/L	U	U	08-1374	CAPA-08-13089	GELC
18-MW-11	7971	27	3/5/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0147	0.0053	0.042	—	pCi/L	U	U	08-756	CAPA-08-11105	GELC
18-MW-11	7971	27	12/5/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0224	0.01	0.052	—	pCi/L	U	U	08-338	CAPA-08-9341	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	FD	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	2.15	—	—	2.1	ug/L	J	J	09-3134	CAPA-09-12129	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	2.26	—	—	2.2	ug/L	J	J	09-3134	CAPA-09-12130	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
18-MW-11	7971	27	5/28/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	<	10.4	—	—	2.1	ug/L	U	UJ	09-2079	CAPA-09-9319	GELC
18-MW-11	7971	27	3/5/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	<	10.5	—	—	2.1	ug/L	U	U	09-1124	CAPA-09-4108	GELC
18-MW-11	7971	27	12/9/2008	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	<	10.3	—	—	2.1	ug/L	U	UJ	09-480	CAPA-09-1127	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	<	10.6	—	—	2.1	ug/L	U	U	08-1944	CAPA-08-14953	GELC
18-MW-11	7971	27	9/4/2009	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.34	—	—	0.3	ug/L	J	J	09-3134	CAPA-09-12131	GELC
18-MW-11	7971	27	5/28/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.3	ug/L	U	U	09-2079	CAPA-09-9319	GELC
18-MW-11	7971	27	3/5/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.3	ug/L	U	UJ	09-1124	CAPA-09-4108	GELC
18-MW-11	7971	27	12/9/2008	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.3	ug/L	U	U	09-480	CAPA-09-1127	GELC
18-MW-11	7971	27	9/15/2008	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.5	ug/L	U	U	08-1944	CAPA-08-14953	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	107	—	—	0.73	mg/L	—	—	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.6	—	—	0.73	mg/L	—	—	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.3	—	—	0.73	mg/L	—	—	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	68.1	—	—	0.05	mg/L	—	—	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	77.5	—	—	0.03	mg/L	—	—	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	68.3	—	—	0.15	mg/L	—	—	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	68.3	—	—	0.05	mg/L	—	—	09-3117	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	75.1	—	—	0.03	mg/L	—	—	09-2094	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	70.1	—	—	0.15	mg/L	—	—	09-1065	CAPA-09-4115	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	275	—	—	1.3	mg/L	—	—	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	312	—	—	3.3	mg/L	—	—	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	292	—	—	1.3	mg/L	—	—	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.166	—	—	0.033	mg/L	—	—	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.122	—	—	0.033	mg/L	—	—	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.117	—	—	0.033	mg/L	—	—	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	258	—	—	0.35	mg/L	—	—	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	290	—	—	0.35	mg/L	—	—	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	254	—	—	0.38	mg/L	—	—	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	261	—	—	0.35	mg/L	—	—	09-3117	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	281	—	—	0.35	mg/L	—	—	09-2094	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	262	—	—	0.38	mg/L	—	—	09-1065	CAPA-09-4115	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	21.4	—	—	0.085	mg/L	—	—	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	23.5	—	—	0.085	mg/L	—	—	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	20.2	—	—	0.085	mg/L	—	—	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	21.9	—	—	0.085	mg/L	—	—	09-3117	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	22.8	—	—	0.085	mg/L	—	—	09-2094	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	21.1	—	—	0.085	mg/L	—	—	09-1065	CAPA-09-4115	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.15	—	—	0.05	mg/L	—	—	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.17	—	—	0.05	mg/L	—	—	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.9	—	—	0.05	mg/L	—	—	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	12/11/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.67	—	—	0.05	mg/L	—	—	09-495	CAPA-09-1135	GELC
18-MW-18	5311	12.5	9/12/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.645	—	—	0.05	mg/L	—	—	08-1929	CAPA-08-14956	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.162	—	—	0.05	ug/L	J	J	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.135	—	—	0.05	ug/L	J	J	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.117	—	—	0.05	ug/L	J	J	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.95	—	—	0.05	mg/L	—	—	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.99	—	—	0.05	mg/L	—	—	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.48	—	—	0.25	mg/L	—	—	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	8.67	—	—	0.05	mg/L	—	—	09-3117	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.76	—	—	0.05	mg/L	—	—	09-2094	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.37	—	—	0.25	mg/L	—	—	09-1065	CAPA-09-4115	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	110	—	—	0.1	mg/L	—	—	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	126	—	—	0.045	mg/L	—	—	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	111	—	—	0.045	mg/L	—	—	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	115	—	—	0.1	mg/L	—	—	09-3117	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	122	—	—	0.045	mg/L	—	—	09-2094	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	113	—	—	0.045	mg/L	—	—	09-1065	CAPA-09-4115	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	1250	—	—	1	uS/cm	—	—	09-3117	CAPA-09-12141	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
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	131	—	—	1	uS/cm	—	—	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	1130	—	—	1	uS/cm	—	—	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.9	—	—	0.1	mg/L	—	—	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14.3	—	—	0.1	mg/L	—	—	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13	—	—	0.1	mg/L	—	J-	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	717	—	—	2.4	mg/L	—	J	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	744	—	—	2.4	mg/L	—	—	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	637	—	—	2.4	mg/L	—	—	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.19	—	—	0.033	mg/L	—	—	09-3116	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.033	mg/L	U	UJ	09-2093	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.167	—	—	0.029	mg/L	—	J-	09-1064	CAPA-09-4115	GELC
18-MW-18	5311	12.5	12/11/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.088	—	—	0.029	mg/L	J	J-	09-494	CAPA-09-1131	GELC
18-MW-18	5311	12.5	9/12/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	UJ	08-1929	CAPA-08-14955	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	1.09	—	—	0.33	mg/L	—	—	09-3116	CAPA-09-12142	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.11	—	—	0.33	mg/L	—	—	09-3116	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1.58	—	—	0.33	mg/L	—	U	09-2093	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.41	—	—	0.33	mg/L	—	—	09-1064	CAPA-09-4115	GELC
18-MW-18	5311	12.5	12/11/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.03	—	—	0.33	mg/L	—	—	09-494	CAPA-09-1131	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.077	—	—	0.015	mg/L	—	—	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.032	—	—	0.015	mg/L	J	U	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.064	—	—	0.024	mg/L	—	—	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	12/11/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.077	—	—	0.024	mg/L	—	—	09-495	CAPA-09-1135	GELC
18-MW-18	5311	12.5	9/12/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.097	—	—	0.024	mg/L	—	U	08-1929	CAPA-08-14956	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.85	—	—	0.01	SU	H	J-	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.91	—	—	0.01	SU	H	J-	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.15	—	—	0.01	SU	H	J-	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	73.3	—	—	68	ug/L	JN	J+	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	5450	—	—	68	ug/L	N	J+	09-3117	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	175	—	—	68	ug/L	J	J	09-2094	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-1065	CAPA-09-4115	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	444	—	—	1	ug/L	—	—	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	475	—	—	1	ug/L	—	—	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	400	—	—	1	ug/L	—	—	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	474	—	—	1	ug/L	—	—	09-3117	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	469	—	—	1	ug/L	—	—	09-2094	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	415	—	—	1	ug/L	—	—	09-1065	CAPA-09-4115	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.67	—	—	2.5	ug/L	J	J	09-3117	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	4.72	—	—	1.5	ug/L	—	U	09-2094	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-1065	CAPA-09-4115	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	3180	—	—	30	ug/L	—	—	09-3117	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	106	—	—	25	ug/L	—	—	09-2094	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-1065	CAPA-09-4115	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	2.92	—	—	0.5	ug/L	—	—	09-3117	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-2094	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-1065	CAPA-09-4115	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	64.1	—	—	2	ug/L	—	—	09-3117	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-2094	CAPA-09-9327	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
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-1065	CAPA-09-4115	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.21	—	—	0.1	ug/L	—	—	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.513	—	—	0.1	ug/L	—	—	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.48	—	—	0.1	ug/L	J	U	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.24	—	—	0.1	ug/L	—	—	09-3117	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.754	—	—	0.1	ug/L	—	—	09-2094	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.45	—	—	0.1	ug/L	J	U	09-1065	CAPA-09-4115	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	4.9	—	—	0.5	ug/L	—	—	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.46	—	—	0.5	ug/L	J	J	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	0.5	ug/L	J	J	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.86	—	—	0.5	ug/L	—	—	09-3117	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.04	—	—	0.5	ug/L	—	—	09-2094	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	0.5	ug/L	J	J	09-1065	CAPA-09-4115	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.1	—	—	0.053	mg/L	—	—	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	31.7	—	—	0.032	mg/L	—	—	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	31.7	—	—	0.032	mg/L	—	—	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	485	—	—	1	ug/L	—	—	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	524	—	—	1	ug/L	—	—	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	486	—	—	5	ug/L	—	—	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	495	—	—	1	ug/L	—	—	09-3117	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	507	—	—	1	ug/L	—	—	09-2094	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	482	—	—	5	ug/L	—	—	09-1065	CAPA-09-4115	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.391	—	—	0.3	ug/L	J	J	09-3117	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-2094	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-1065	CAPA-09-4115	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.18	—	—	0.05	ug/L	—	—	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.445	—	—	0.05	ug/L	—	—	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.22	—	—	0.05	ug/L	—	—	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.71	—	—	0.05	ug/L	—	—	09-3117	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.406	—	—	0.05	ug/L	—	—	09-2094	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.2	—	—	0.05	ug/L	—	—	09-1065	CAPA-09-4115	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.45	—	—	1	ug/L	J	J	09-3117	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-2094	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-1065	CAPA-09-4115	GELC
18-MW-18	5311	12.5	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.5	—	—	3.3	ug/L	J	J	09-3117	CAPA-09-12141	GELC
18-MW-18	5311	12.5	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.93	—	—	2	ug/L	J	J	09-2094	CAPA-09-9331	GELC
18-MW-18	5311	12.5	3/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	09-1065	CAPA-09-4116	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.1	—	—	3.3	ug/L	—	—	09-3117	CAPA-09-12138	GELC
18-MW-18	5311	12.5	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.51	—	—	2	ug/L	J	J	09-2094	CAPA-09-9327	GELC
18-MW-18	5311	12.5	3/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	09-1065	CAPA-09-4115	GELC
18-MW-18	5311	12.5	9/12/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0166	0.012	0.027	—	pCi/L	U	U	08-1930	CAPA-08-14956	GELC
18-MW-18	5311	12.5	6/10/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00678	0.0053	0.035	—	pCi/L	U	U	08-1314	CAPA-08-13100	GELC
18-MW-18	5311	12.5	3/3/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0152	0.01	0.041	—	pCi/L	U	U	08-729	CAPA-08-10943	GELC
18-MW-18	5311	12.5	12/6/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00115	0.002	0.04	—	pCi/L	U	U	08-369	CAPA-08-9306	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	-0.00457	0.0034	0.032	—	pCi/L	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00286	0.0016	0.03	—	pCi/L	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	5311	12.5	9/12/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000342	0.012	0.028	—	pCi/L	U	U	08-1930	CAPA-08-14955	GELC
18-MW-18	5311	12.5	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00106	0.0027	0.034	—	pCi/L	U	U	08-1314	CAPA-08-13099	GELC
18-MW-18	5311	12.5	3/3/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00902	0.0086	0.037	—	pCi/L	U	U	08-729	CAPA-08-10941	GELC
18-MW-18	5311	12.5	12/6/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00733	0.0039	0.042	—	pCi/L	U	U	08-369	CAPA-08-9305	GELC
18-MW-18	5311	12.5	9/12/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.248	1.4	4.5	—	pCi/L	U	U	08-1930	CAPA-08-14956	GELC
18-MW-18	5311	12.5	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.599	1.7	4.8	—	pCi/L	U	U	08-1314	CAPA-08-13100	GELC
18-MW-18	5311	12.5	3/3/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.52	1.3	3.9	—	pCi/L	U	U	08-729	CAPA-08-10943	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
18-MW-18	5311	12.5	12/6/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.85	1.4	4.4	—	pCi/L	U	U	08-369	CAPA-08-9306	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	0.608	1.2	4.2	—	pCi/L	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.97	1.5	4.5	—	pCi/L	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	5311	12.5	9/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.79	1.3	3.8	—	pCi/L	U	U	08-1930	CAPA-08-14955	GELC
18-MW-18	5311	12.5	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.992	1.3	4.5	—	pCi/L	U	U	08-1314	CAPA-08-13099	GELC
18-MW-18	5311	12.5	3/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.38	1.2	3.8	—	pCi/L	U	U	08-729	CAPA-08-10941	GELC
18-MW-18	5311	12.5	12/6/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0947	0.66	2.2	—	pCi/L	U	U	08-369	CAPA-08-9305	GELC
18-MW-18	5311	12.5	9/12/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.379	1.4	4.5	—	pCi/L	U	U	08-1930	CAPA-08-14956	GELC
18-MW-18	5311	12.5	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.73	1.4	5	—	pCi/L	U	U	08-1314	CAPA-08-13100	GELC
18-MW-18	5311	12.5	3/3/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.01	1.1	3.9	—	pCi/L	U	U	08-729	CAPA-08-10943	GELC
18-MW-18	5311	12.5	12/6/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0481	1.5	4.9	—	pCi/L	U	U	08-369	CAPA-08-9306	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	1.21	1.2	4.1	—	pCi/L	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.819	1.5	5	—	pCi/L	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	5311	12.5	9/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.106	1.2	4	—	pCi/L	U	U	08-1930	CAPA-08-14955	GELC
18-MW-18	5311	12.5	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.881	1.2	4.1	—	pCi/L	U	U	08-1314	CAPA-08-13099	GELC
18-MW-18	5311	12.5	3/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.121	1.3	4.1	—	pCi/L	U	U	08-729	CAPA-08-10941	GELC
18-MW-18	5311	12.5	12/6/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.323	0.69	2.2	—	pCi/L	U	U	08-369	CAPA-08-9305	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	3.65	1.2	2.9	—	pCi/L	—	—	09-3118	CAPA-09-12138	GELC
18-MW-18	5311	12.5	9/12/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	6.76	1.23	2.96	—	pCi/L	—	J	193715	GF07090G181801	GELC
18-MW-18	5311	12.5	6/26/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.17	0.735	1.75	—	pCi/L	—	J	188738	GF07060G181801	GELC
18-MW-18	5311	12.5	3/19/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	8.51	0.795	1.93	—	pCi/L	—	—	182773	GF07030G181801	GELC
18-MW-18	5311	12.5	12/7/2006	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.8	0.801	2.58	—	pCi/L	U	U	177502	GF06120G181801	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	8.42	2.4	6.7	—	pCi/L	—	—	09-3118	CAPA-09-12138	GELC
18-MW-18	5311	12.5	9/12/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.5	0.99	2.85	—	pCi/L	—	J	193715	GU07090G181801	GELC
18-MW-18	5311	12.5	6/26/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.96	0.69	1.59	—	pCi/L	—	—	188738	GU07060G181801	GELC
18-MW-18	5311	12.5	3/19/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.69	0.792	1.88	—	pCi/L	—	—	182773	GU07030G181801	GELC
18-MW-18	5311	12.5	12/7/2006	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.36	0.824	2.12	—	pCi/L	—	J	177502	GU06120G181801	GELC
18-MW-18	5311	12.5	9/12/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	0.716	1.6	3.2	—	pCi/L	U	U	08-1930	CAPA-08-14956	GELC
18-MW-18	5311	12.5	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	101	410	280	—	pCi/L	U	U	08-1314	CAPA-08-13100	GELC
18-MW-18	5311	12.5	3/3/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	164	100	390	—	pCi/L	U	U	08-729	CAPA-08-10943	GELC
18-MW-18	5311	12.5	12/6/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	141	84	340	—	pCi/L	U	U	08-369	CAPA-08-9306	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	50.8	41	78	—	pCi/L	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	104	78	150	—	pCi/L	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	5311	12.5	9/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	10.9	8.5	17	—	pCi/L	U	U	08-1930	CAPA-08-14955	GELC
18-MW-18	5311	12.5	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	92.2	66	220	—	pCi/L	U	U	08-1314	CAPA-08-13099	GELC
18-MW-18	5311	12.5	3/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	214	110	410	—	pCi/L	U	U	08-729	CAPA-08-10941	GELC
18-MW-18	5311	12.5	12/6/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	84.9	37	130	—	pCi/L	U	U	08-369	CAPA-08-9305	GELC
18-MW-18	5311	12.5	9/12/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	14.9	9.1	29	—	pCi/L	U	U	08-1930	CAPA-08-14956	GELC
18-MW-18	5311	12.5	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-25.8	11	27	—	pCi/L	U	U	08-1314	CAPA-08-13100	GELC
18-MW-18	5311	12.5	3/3/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.66	12	37	—	pCi/L	U	U	08-729	CAPA-08-10943	GELC
18-MW-18	5311	12.5	12/6/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	19.4	14	34	—	pCi/L	U	U	08-369	CAPA-08-9306	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	6.25	10	33	—	pCi/L	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	16.8	14	42	—	pCi/L	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	5311	12.5	9/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.83	11	32	—	pCi/L	U	U	08-1930	CAPA-08-14955	GELC
18-MW-18	5311	12.5	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-22.5	11	33	—	pCi/L	U	U	08-1314	CAPA-08-13099	GELC
18-MW-18	5311	12.5	3/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.67	9.7	33	—	pCi/L	U	U	08-729	CAPA-08-10941	GELC
18-MW-18	5311	12.5	12/6/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.6	4.9	16	—	pCi/L	U	U	08-369	CAPA-08-9305	GELC
18-MW-18	5311	12.5	9/12/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-5.21E-10	0.0044	0.033	—	pCi/L	U	U	08-1930	CAPA-08-14956	GELC
18-MW-18	5311	12.5	6/10/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0036	0.03	—	pCi/L	U	U	08-1314	CAPA-08-13100	GELC
18-MW-18	5311	12.5	3/3/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00709	0.011	0.046	—	pCi/L	U	U	08-729	CAPA-08-10943	GELC
18-MW-18	5311	12.5	12/6/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00616	0.01	0.037	—	pCi/L	U	U	08-369	CAPA-08-9306	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	0.002	0.002	0.035	—	pCi/L	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0192	0.0068	0.028	—	pCi/L	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	5311	12.5	9/12/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00948	0.0067	0.036	—	pCi/L	U	U	08-1930	CAPA-08-14955	GELC
18-MW-18	5311	12.5	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00226	0.0023	0.027	—	pCi/L	U	U	08-1314	CAPA-08-13099	GELC
18-MW-18	5311	12.5	3/3/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0042	0.0089	0.041	—	pCi/L	U	U	08-729	CAPA-08-10941	GELC
18-MW-18	5311	12.5	12/6/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0193	0.013	0.049	—	pCi/L	U	U	08-369	CAPA-08-9305	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
18-MW-18	5311	12.5	9/12/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00655	0.0049	0.038	—	pCi/L	U	U	08-1930	CAPA-08-14956	GELC
18-MW-18	5311	12.5	6/10/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00759	0.0076	0.041	—	pCi/L	U	U	08-1314	CAPA-08-13100	GELC
18-MW-18	5311	12.5	3/3/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00236	0.0085	0.048	—	pCi/L	U	U	08-729	CAPA-08-10943	GELC
18-MW-18	5311	12.5	12/6/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0041	0.0058	0.035	—	pCi/L	U	U	08-369	CAPA-08-9306	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0.00401	0.004	0.039	—	pCi/L	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0023	0.032	—	pCi/L	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	5311	12.5	9/12/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0034	0.041	—	pCi/L	U	U	08-1930	CAPA-08-14955	GELC
18-MW-18	5311	12.5	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00678	0.0051	0.037	—	pCi/L	U	U	08-1314	CAPA-08-13099	GELC
18-MW-18	5311	12.5	3/3/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0168	0.0067	0.043	—	pCi/L	U	U	08-729	CAPA-08-10941	GELC
18-MW-18	5311	12.5	12/6/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	6.58E-10	0.0078	0.047	—	pCi/L	U	U	08-369	CAPA-08-9305	GELC
18-MW-18	5311	12.5	9/12/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	9.25	18	65	—	pCi/L	U	U	08-1930	CAPA-08-14956	GELC
18-MW-18	5311	12.5	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-19.4	18	57	—	pCi/L	U	U	08-1314	CAPA-08-13100	GELC
18-MW-18	5311	12.5	3/3/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-13.3	18	64	—	pCi/L	U	U	08-729	CAPA-08-10943	GELC
18-MW-18	5311	12.5	12/6/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	26.7	18	67	—	pCi/L	U	U	08-369	CAPA-08-9306	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	12	19	60	—	pCi/L	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	9.82	24	51	—	pCi/L	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	5311	12.5	9/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-13.8	13	41	—	pCi/L	U	U	08-1930	CAPA-08-14955	GELC
18-MW-18	5311	12.5	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	96.3	29	38	—	pCi/L	UI	R	08-1314	CAPA-08-13099	GELC
18-MW-18	5311	12.5	3/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	1.44	17	56	—	pCi/L	U	U	08-729	CAPA-08-10941	GELC
18-MW-18	5311	12.5	12/6/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	42.4	12	23	—	pCi/L	UI	R	08-369	CAPA-08-9305	GELC
18-MW-18	5311	12.5	9/12/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.62	1.5	4.5	—	pCi/L	U	U	08-1930	CAPA-08-14956	GELC
18-MW-18	5311	12.5	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.815	1.5	4.6	—	pCi/L	U	U	08-1314	CAPA-08-13100	GELC
18-MW-18	5311	12.5	3/3/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.5	1.4	4.7	—	pCi/L	U	U	08-729	CAPA-08-10943	GELC
18-MW-18	5311	12.5	12/6/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.826	1.2	3.6	—	pCi/L	U	U	08-369	CAPA-08-9306	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	-0.567	1.2	3.9	—	pCi/L	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.73	1.6	4.4	—	pCi/L	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	5311	12.5	9/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.708	1.1	3.7	—	pCi/L	U	U	08-1930	CAPA-08-14955	GELC
18-MW-18	5311	12.5	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.827	1.2	3.9	—	pCi/L	U	U	08-1314	CAPA-08-13099	GELC
18-MW-18	5311	12.5	3/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.17	1.2	3.6	—	pCi/L	U	U	08-729	CAPA-08-10941	GELC
18-MW-18	5311	12.5	12/6/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.965	0.72	2.3	—	pCi/L	U	U	08-369	CAPA-08-9305	GELC
18-MW-18	5311	12.5	9/12/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.13	0.062	0.2	—	pCi/L	U	U	08-1930	CAPA-08-14956	GELC
18-MW-18	5311	12.5	6/10/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.413	0.15	0.45	—	pCi/L	U	U	08-1314	CAPA-08-13100	GELC
18-MW-18	5311	12.5	3/3/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.123	0.13	0.5	—	pCi/L	U	U	08-729	CAPA-08-10943	GELC
18-MW-18	5311	12.5	12/6/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.169	0.097	0.36	—	pCi/L	U	U	08-369	CAPA-08-9306	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	-0.0582	0.089	0.3	—	pCi/L	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.258	0.099	0.35	—	pCi/L	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	5311	12.5	9/12/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.179	0.065	0.2	—	pCi/L	U	U	08-1930	CAPA-08-14955	GELC
18-MW-18	5311	12.5	6/10/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.177	0.14	0.46	—	pCi/L	U	U	08-1314	CAPA-08-13099	GELC
18-MW-18	5311	12.5	3/3/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0313	0.098	0.38	—	pCi/L	U	U	08-729	CAPA-08-10941	GELC
18-MW-18	5311	12.5	12/6/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.121	0.11	0.36	—	pCi/L	U	U	08-369	CAPA-08-9305	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	FD	Rad	HASL-300	Thorium-228	—	0.194	0.027	0.12	—	pCi/L	—	—	09-3118	CAPA-09-12142	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	—	0.132	0.022	0.11	—	pCi/L	—	—	09-3118	CAPA-09-12138	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	FD	Rad	HASL-300	Thorium-230	<	0.0933	0.018	0.13	—	pCi/L	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0658	0.014	0.12	—	pCi/L	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	FD	Rad	HASL-300	Thorium-232	—	0.166	0.023	0.044	—	pCi/L	—	—	09-3118	CAPA-09-12142	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	—	0.134	0.02	0.04	—	pCi/L	—	—	09-3118	CAPA-09-12138	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	56.8354	1.9158	0.28737	—	pCi/L	—	—	09-3165	CAPA-09-12138	UMTL
18-MW-18	5311	12.5	9/12/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	39.535726	6.085858	2.733208	—	pCi/L	—	U	08-1935	CAPA-08-14955	ARSL
18-MW-18	5311	12.5	6/10/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	60.3477	1.9158	0.28737	—	pCi/L	—	—	08-1315	CAPA-08-13099	UMTL
18-MW-18	5311	12.5	3/3/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	46.52201	14.11306	3.70388	—	pCi/L	—	—	08-750	CAPA-08-10941	ARSL
18-MW-18	5311	12.5	12/6/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	50.7687	1.5965	0.28737	—	pCi/L	—	—	08-381	CAPA-08-9305	UMTL
18-MW-18	5311	12.5	9/12/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.113	0.016	0.066	—	pCi/L	—	—	08-1930	CAPA-08-14956	GELC
18-MW-18	5311	12.5	6/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.123	0.03	0.16	—	pCi/L	U	U	08-1314	CAPA-08-13100	GELC
18-MW-18	5311	12.5	3/3/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.217	0.029	0.1	—	pCi/L	—	—	08-729	CAPA-08-10943	GELC
18-MW-18	5311	12.5	12/6/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.148	0.021	0.083	—	pCi/L	—	—	08-369	CAPA-08-9306	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.826	0.076	0.1	—	pCi/L	—	—	09-3118	CAPA-09-12142	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.905	0.081	0.096	—	pCi/L	—	—	09-3118	CAPA-09-12138	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
18-MW-18	5311	12.5	9/12/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.139	0.019	0.072	—	pCi/L	—	—	08-1930	CAPA-08-14955	GELC
18-MW-18	5311	12.5	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.155	0.031	0.16	—	pCi/L	U	U	08-1314	CAPA-08-13099	GELC
18-MW-18	5311	12.5	3/3/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.221	0.03	0.097	—	pCi/L	—	—	08-729	CAPA-08-10941	GELC
18-MW-18	5311	12.5	12/6/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.145	0.026	0.1	—	pCi/L	—	—	08-369	CAPA-08-9305	GELC
18-MW-18	5311	12.5	9/12/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.0066	0.034	—	pCi/L	U	U	08-1930	CAPA-08-14956	GELC
18-MW-18	5311	12.5	6/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0112	0.011	0.085	—	pCi/L	U	U	08-1314	CAPA-08-13100	GELC
18-MW-18	5311	12.5	3/3/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0179	0.0081	0.052	—	pCi/L	U	U	08-729	CAPA-08-10943	GELC
18-MW-18	5311	12.5	12/6/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0152	0.0081	0.043	—	pCi/L	U	U	08-369	CAPA-08-9306	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.0316	0.012	0.052	—	pCi/L	U	U	09-3118	CAPA-09-12142	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0292	0.012	0.048	—	pCi/L	U	U	09-3118	CAPA-09-12138	GELC
18-MW-18	5311	12.5	9/12/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00759	0.0057	0.037	—	pCi/L	U	U	08-1930	CAPA-08-14955	GELC
18-MW-18	5311	12.5	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.013	0.082	—	pCi/L	U	U	08-1314	CAPA-08-13099	GELC
18-MW-18	5311	12.5	3/3/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0205	0.0085	0.05	—	pCi/L	U	U	08-729	CAPA-08-10941	GELC
18-MW-18	5311	12.5	12/6/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	8.93E-10	0.0092	0.052	—	pCi/L	U	U	08-369	CAPA-08-9305	GELC
18-MW-18	5311	12.5	9/12/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0488	0.01	0.037	—	pCi/L	—	—	08-1930	CAPA-08-14956	GELC
18-MW-18	5311	12.5	6/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.05	0.021	0.1	—	pCi/L	U	U	08-1314	CAPA-08-13100	GELC
18-MW-18	5311	12.5	3/3/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0985	0.018	0.067	—	pCi/L	—	—	08-729	CAPA-08-10943	GELC
18-MW-18	5311	12.5	12/6/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0567	0.012	0.051	—	pCi/L	—	—	08-369	CAPA-08-9306	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.528	0.054	0.052	—	pCi/L	—	—	09-3118	CAPA-09-12142	GELC
18-MW-18	5311	12.5	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.499	0.051	0.048	—	pCi/L	—	—	09-3118	CAPA-09-12138	GELC
18-MW-18	5311	12.5	9/12/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0511	0.013	0.04	—	pCi/L	—	—	08-1930	CAPA-08-14955	GELC
18-MW-18	5311	12.5	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0931	0.024	0.097	—	pCi/L	U	U	08-1314	CAPA-08-13099	GELC
18-MW-18	5311	12.5	3/3/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.102	0.018	0.064	—	pCi/L	—	—	08-729	CAPA-08-10941	GELC
18-MW-18	5311	12.5	12/6/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0878	0.02	0.063	—	pCi/L	—	—	08-369	CAPA-08-9305	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	46.6	—	—	0.73	mg/L	—	—	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	45.9	—	—	0.73	mg/L	—	—	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.8	—	—	0.73	mg/L	—	—	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.9	—	—	0.73	mg/L	—	—	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.1	—	—	0.73	mg/L	—	—	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	0.05	mg/L	—	—	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.5	—	—	0.03	mg/L	—	—	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	0.03	mg/L	—	—	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.7	—	—	0.03	mg/L	—	—	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	0.03	mg/L	—	—	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	0.05	mg/L	—	—	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.3	—	—	0.03	mg/L	—	—	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.4	—	—	0.03	mg/L	—	—	09-1029	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.9	—	—	0.03	mg/L	—	—	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.1	—	—	0.03	mg/L	—	—	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	12.2	—	—	0.066	mg/L	—	—	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	15.4	—	—	0.066	mg/L	—	J+	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.4	—	—	0.13	mg/L	—	—	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	18.5	—	—	0.066	mg/L	—	—	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20.9	—	—	0.13	mg/L	—	—	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.261	—	—	0.033	mg/L	—	—	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.223	—	—	0.033	mg/L	—	—	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.182	—	—	0.033	mg/L	—	—	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.183	—	—	0.033	mg/L	—	—	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.164	—	—	0.033	mg/L	—	—	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.1	—	—	0.35	mg/L	—	—	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	50	—	—	0.35	mg/L	—	—	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58.3	—	—	0.35	mg/L	—	—	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58.2	—	—	0.35	mg/L	—	—	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59.4	—	—	0.35	mg/L	—	—	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.4	—	—	0.35	mg/L	—	—	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	49.7	—	—	0.35	mg/L	—	—	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	57.3	—	—	0.35	mg/L	—	—	09-1029	CAPA-09-4111	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
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.9	—	—	0.35	mg/L	—	—	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.7	—	—	0.35	mg/L	—	—	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.57	—	—	0.085	mg/L	—	—	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.93	—	—	0.085	mg/L	—	—	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.55	—	—	0.085	mg/L	—	—	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.6	—	—	0.085	mg/L	—	—	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.52	—	—	0.085	mg/L	—	—	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.73	—	—	0.085	mg/L	—	—	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.98	—	—	0.085	mg/L	—	—	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.55	—	—	0.085	mg/L	—	—	09-1029	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.67	—	—	0.085	mg/L	—	—	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.48	—	—	0.085	mg/L	—	—	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.845	—	—	0.05	mg/L	—	—	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.431	—	—	0.05	mg/L	—	—	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.32	—	—	0.05	mg/L	—	—	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.116	—	—	0.05	mg/L	J	J-	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.5	—	—	0.1	mg/L	U	UJ	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.176	—	—	0.05	ug/L	J	J	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.135	—	—	0.05	ug/L	J	J	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0828	—	—	0.05	ug/L	J	J	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.2	—	—	0.05	ug/L	U	U	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.2	—	—	0.05	ug/L	U	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.62	—	—	0.05	mg/L	—	—	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.72	—	—	0.05	mg/L	—	—	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.81	—	—	0.05	mg/L	—	—	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.1	—	—	0.05	mg/L	—	—	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.06	—	—	0.05	mg/L	E	J	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.73	—	—	0.05	mg/L	—	—	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.65	—	—	0.05	mg/L	—	—	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.98	—	—	0.05	mg/L	—	—	09-1029	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.16	—	—	0.05	mg/L	—	—	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.03	—	—	0.05	mg/L	E	—	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.4	—	—	0.1	mg/L	—	—	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.6	—	—	0.045	mg/L	—	—	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.5	—	—	0.045	mg/L	—	—	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.1	—	—	0.045	mg/L	—	—	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.9	—	—	0.045	mg/L	—	—	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.7	—	—	0.1	mg/L	—	—	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	0.045	mg/L	—	—	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.6	—	—	0.045	mg/L	—	—	09-1029	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.3	—	—	0.045	mg/L	—	—	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.7	—	—	0.045	mg/L	—	—	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	176	—	—	1	uS/cm	—	—	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	165	—	—	1	uS/cm	—	—	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	195	—	—	1	uS/cm	—	—	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	204	—	—	1	uS/cm	—	—	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	214	—	—	1	uS/cm	—	—	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.02	—	—	0.1	mg/L	—	—	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.8	—	—	0.1	mg/L	—	J	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.2	—	—	0.1	mg/L	—	—	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.6	—	—	0.1	mg/L	—	J-	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.82	—	—	0.1	mg/L	—	J-	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	115	—	—	2.4	mg/L	—	J	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.4	mg/L	—	—	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.4	mg/L	—	—	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.4	mg/L	—	J	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.4	mg/L	—	J	08-1945	CAPA-08-14950	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
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.063	—	—	0.033	mg/L	J	J	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.033	mg/L	U	UJ	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	U	09-1029	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.083	—	—	0.029	mg/L	J	U	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	U	08-1944	CAPA-08-14951	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.43	—	—	0.33	mg/L	—	—	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.14	—	—	0.33	mg/L	—	—	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.05	—	—	0.33	mg/L	—	—	09-1029	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.81	—	—	0.33	mg/L	—	—	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.26	—	—	0.33	mg/L	—	—	08-1944	CAPA-08-14951	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.81	—	—	0.01	SU	H	J-	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.74	—	—	0.01	SU	H	J-	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.85	—	—	0.01	SU	H	J-	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.63	—	—	0.01	SU	H	J-	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.7	—	—	0.01	SU	H	J-	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	681	—	—	68	ug/L	—	—	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	848	—	—	68	ug/L	—	—	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	405	—	—	68	ug/L	—	—	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	304	—	—	68	ug/L	—	—	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	161	—	—	68	ug/L	J	J	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1150	—	—	68	ug/L	—	—	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1160	—	—	68	ug/L	—	—	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1020	—	—	68	ug/L	—	—	09-1029	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	459	—	—	68	ug/L	—	—	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	235	—	—	68	ug/L	—	—	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	52.8	—	—	1	ug/L	—	—	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	57.6	—	—	1	ug/L	—	—	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	68.2	—	—	1	ug/L	—	—	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	67.2	—	—	1	ug/L	—	—	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	69.8	—	—	1	ug/L	—	—	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	55.4	—	—	1	ug/L	—	—	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	60.1	—	—	1	ug/L	—	—	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	70	—	—	1	ug/L	—	—	09-1029	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	67.8	—	—	1	ug/L	—	—	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	68.1	—	—	1	ug/L	—	—	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	23.1	—	—	15	ug/L	J	J	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.5	—	—	10	ug/L	J	J	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	24.4	—	—	10	ug/L	J	J	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	26.8	—	—	10	ug/L	J	J	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	25	—	—	10	ug/L	J	J	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.2	—	—	15	ug/L	J	J	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.7	—	—	10	ug/L	J	J	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	24.7	—	—	10	ug/L	J	J	09-1029	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	26.4	—	—	10	ug/L	J	J	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	22.9	—	—	10	ug/L	J	J	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.78	—	—	2.5	ug/L	J	J	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.8	—	—	1.5	ug/L	J	J	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-1029	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.5	—	—	1.5	ug/L	J	J	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	360	—	—	30	ug/L	—	—	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	422	—	—	25	ug/L	—	—	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	193	—	—	25	ug/L	—	—	09-1029	CAPA-09-4112	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
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	200	—	—	25	ug/L	—	—	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	58	—	—	25	ug/L	J	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	634	—	—	30	ug/L	—	—	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	607	—	—	25	ug/L	—	—	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	596	—	—	25	ug/L	—	—	09-1029	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	277	—	—	25	ug/L	—	—	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	128	—	—	25	ug/L	—	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.49	—	—	2	ug/L	J	J	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.03	—	—	2	ug/L	J	J	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9.2	—	—	2	ug/L	J	J	09-1029	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.16	—	—	0.1	ug/L	—	—	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.929	—	—	0.1	ug/L	—	—	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.76	—	—	0.1	ug/L	—	—	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.78	—	—	0.1	ug/L	—	—	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.76	—	—	0.1	ug/L	—	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.13	—	—	0.1	ug/L	—	—	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.977	—	—	0.1	ug/L	—	—	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.3	—	—	0.1	ug/L	—	—	09-1029	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.76	—	—	0.1	ug/L	—	—	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.71	—	—	0.1	ug/L	—	—	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.821	—	—	0.5	ug/L	J	J	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.578	—	—	0.5	ug/L	J	J	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.7	—	—	0.5	ug/L	J	J	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.62	—	—	0.5	ug/L	J	J	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.93	—	—	0.5	ug/L	J	J	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.554	—	—	0.5	ug/L	J	J	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.87	—	—	0.5	ug/L	J	J	09-1029	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.67	—	—	0.5	ug/L	J	J	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.8	—	—	0.053	mg/L	—	—	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	35.6	—	—	0.032	mg/L	—	—	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.7	—	—	0.032	mg/L	—	—	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.9	—	—	0.032	mg/L	—	—	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.1	—	—	0.032	mg/L	—	—	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	77.4	—	—	1	ug/L	—	—	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	84.6	—	—	1	ug/L	—	—	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	95.4	—	—	1	ug/L	—	—	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	95.3	—	—	1	ug/L	—	—	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	93.3	—	—	1	ug/L	—	—	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	79.5	—	—	1	ug/L	—	—	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	81.7	—	—	1	ug/L	—	—	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	96.7	—	—	1	ug/L	—	—	09-1029	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	96.4	—	—	1	ug/L	—	—	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	92.4	—	—	1	ug/L	—	—	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.506	—	—	0.3	ug/L	J	J	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.51	—	—	0.3	ug/L	J	J	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-2079	CAPA-09-9322	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
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-1029	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	9/8/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.91	—	—	1	ug/L	J	J	09-3164	CAPA-09-12134	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.78	—	—	1	ug/L	J	J	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.6	—	—	1	ug/L	J	J	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.8	—	—	1	ug/L	J	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.28	—	—	1	ug/L	J	J	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.89	—	—	1	ug/L	J	J	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.6	—	—	1	ug/L	J	J	09-1029	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.2	—	—	1	ug/L	J	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	09-2079	CAPA-09-9324	GELC
18-MW-8	5781	8	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	09-1029	CAPA-09-4112	GELC
18-MW-8	5781	8	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.4	—	—	2	ug/L	J	J	09-462	CAPA-09-1128	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3	—	—	2	ug/L	J	J	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.36	—	—	3.3	ug/L	J	J	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3	—	—	2	ug/L	J	J	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.7	—	—	2	ug/L	J	J	09-1029	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.4	—	—	2	ug/L	J	J	09-462	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0102	0.012	0.036	—	pCi/L	U	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	6/16/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	0.0033	0.042	—	pCi/L	U	U	08-1363	CAPA-08-13098	GELC
18-MW-8	5781	8	3/3/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00714	0.0078	0.041	—	pCi/L	U	U	08-729	CAPA-08-10940	GELC
18-MW-8	5781	8	12/5/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00779	0.007	0.038	—	pCi/L	U	U	08-342	CAPA-08-9309	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00802	0.006	0.041	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0147	0.0098	0.028	—	pCi/L	U	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	6/16/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0051	0.0047	0.041	—	pCi/L	U	U	08-1363	CAPA-08-13095	GELC
18-MW-8	5781	8	3/3/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00153	0.011	0.037	—	pCi/L	U	U	08-729	CAPA-08-10938	GELC
18-MW-8	5781	8	12/5/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00715	0.0097	0.041	—	pCi/L	U	U	08-342	CAPA-08-9310	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.882	1.3	4.5	—	pCi/L	U	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	6/16/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.481	1.4	4.6	—	pCi/L	U	U	08-1363	CAPA-08-13098	GELC
18-MW-8	5781	8	3/3/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.123	1.5	5	—	pCi/L	U	U	08-729	CAPA-08-10940	GELC
18-MW-8	5781	8	12/5/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.441	0.99	3.1	—	pCi/L	U	U	08-342	CAPA-08-9309	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-4.54	1.8	5.1	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.99	1.1	4.1	—	pCi/L	U	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	6/16/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.931	1.4	4.4	—	pCi/L	U	U	08-1363	CAPA-08-13095	GELC
18-MW-8	5781	8	3/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.325	1.2	3.8	—	pCi/L	U	U	08-729	CAPA-08-10938	GELC
18-MW-8	5781	8	12/5/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.98	1.5	5.4	—	pCi/L	U	U	08-342	CAPA-08-9310	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.867	1.6	5.2	—	pCi/L	U	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	6/16/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.88	1.2	3.4	—	pCi/L	U	U	08-1363	CAPA-08-13098	GELC
18-MW-8	5781	8	3/3/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-4.07	1.6	3.9	—	pCi/L	U	U	08-729	CAPA-08-10940	GELC
18-MW-8	5781	8	12/5/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.12	1.1	3.9	—	pCi/L	U	U	08-342	CAPA-08-9309	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.607	1.7	5.4	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.484	0.93	3.3	—	pCi/L	U	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	6/16/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.03	1.5	5.2	—	pCi/L	U	U	08-1363	CAPA-08-13095	GELC
18-MW-8	5781	8	3/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.958	1.4	4.3	—	pCi/L	U	U	08-729	CAPA-08-10938	GELC
18-MW-8	5781	8	12/5/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.2	1.5	5.5	—	pCi/L	U	U	08-342	CAPA-08-9310	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.588	0.4	2.5	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/13/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.35	1.04	2.7	—	pCi/L	—	J	193817	GF07090G18M801	GELC
18-MW-8	5781	8	6/27/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.96	0.621	1.78	—	pCi/L	—	J	188819	GF07060G18M801	GELC
18-MW-8	5781	8	3/21/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.25	1.31	3.76	—	pCi/L	—	J	183003	GF07030G18M801	GELC
18-MW-8	5781	8	12/11/2006	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.39	0.825	2.36	—	pCi/L	—	J	177654	GF06120G18M801	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.508	0.82	2.9	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/13/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.19	1.35	3.69	—	pCi/L	—	J	193817	GU07090G18M801	GELC
18-MW-8	5781	8	6/27/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.73	0.57	1.62	—	pCi/L	—	J	188819	GU07060G18M801	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
18-MW-8	5781	8	3/21/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.46	1.36	3.89	—	pCi/L	—	J	183003	GU07030G18M801	GELC
18-MW-8	5781	8	12/11/2006	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.35	1.15	3.16	—	pCi/L	—	J	177654	GU06120G18M801	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	19.5	17	16	—	pCi/L	—	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	6/16/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	89.8	99	230	—	pCi/L	U	U	08-1363	CAPA-08-13098	GELC
18-MW-8	5781	8	3/3/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	147	130	380	—	pCi/L	U	U	08-729	CAPA-08-10940	GELC
18-MW-8	5781	8	12/5/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	101	82	250	—	pCi/L	U	U	08-342	CAPA-08-9309	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	191	46	97	—	pCi/L	—	—	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	5.49	8.8	19	—	pCi/L	U	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	6/16/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	115	95	240	—	pCi/L	U	U	08-1363	CAPA-08-13095	GELC
18-MW-8	5781	8	3/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	122	74	300	—	pCi/L	U	U	08-729	CAPA-08-10938	GELC
18-MW-8	5781	8	12/5/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	102	80	280	—	pCi/L	U	U	08-342	CAPA-08-9310	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.3	9.4	30	—	pCi/L	U	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	6/16/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	14.4	10	36	—	pCi/L	U	U	08-1363	CAPA-08-13098	GELC
18-MW-8	5781	8	3/3/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	19	14	30	—	pCi/L	U	U	08-729	CAPA-08-10940	GELC
18-MW-8	5781	8	12/5/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.57	8.7	29	—	pCi/L	U	U	08-342	CAPA-08-9309	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	33.6	16	39	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.74	8.9	28	—	pCi/L	U	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	6/16/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	14.1	17	26	—	pCi/L	U	U	08-1363	CAPA-08-13095	GELC
18-MW-8	5781	8	3/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	15.2	11	36	—	pCi/L	U	U	08-729	CAPA-08-10938	GELC
18-MW-8	5781	8	12/5/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-10.6	12	37	—	pCi/L	U	U	08-342	CAPA-08-9310	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00254	0.0026	0.039	—	pCi/L	U	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	6/16/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00348	0.0055	0.021	—	pCi/L	U	U	08-1363	CAPA-08-13098	GELC
18-MW-8	5781	8	3/3/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00453	0.011	0.044	—	pCi/L	U	U	08-729	CAPA-08-10940	GELC
18-MW-8	5781	8	12/5/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00418	0.0042	0.037	—	pCi/L	U	U	08-342	CAPA-08-9309	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00177	0.0018	0.031	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0153	0.013	0.033	—	pCi/L	U	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	6/16/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0176	0.0071	0.023	—	pCi/L	U	U	08-1363	CAPA-08-13095	GELC
18-MW-8	5781	8	3/3/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00494	0.013	0.048	—	pCi/L	U	U	08-729	CAPA-08-10938	GELC
18-MW-8	5781	8	12/5/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00207	0.0036	0.037	—	pCi/L	U	U	08-342	CAPA-08-9310	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00508	0.0062	0.044	—	pCi/L	U	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	6/16/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00521	0.0058	0.028	—	pCi/L	U	U	08-1363	CAPA-08-13098	GELC
18-MW-8	5781	8	3/3/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0068	0.006	0.046	—	pCi/L	U	U	08-729	CAPA-08-10940	GELC
18-MW-8	5781	8	12/5/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00418	0.0078	0.036	—	pCi/L	U	U	08-342	CAPA-08-9309	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00354	0.0025	0.035	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00655	0.011	0.038	—	pCi/L	U	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	6/16/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00586	0.0052	0.032	—	pCi/L	U	U	08-1363	CAPA-08-13095	GELC
18-MW-8	5781	8	3/3/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00247	0.0074	0.05	—	pCi/L	U	U	08-729	CAPA-08-10938	GELC
18-MW-8	5781	8	12/5/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0083	0.0059	0.035	—	pCi/L	U	U	08-342	CAPA-08-9310	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	15.7	17	63	—	pCi/L	U	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	6/16/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-22.4	19	62	—	pCi/L	U	U	08-1363	CAPA-08-13098	GELC
18-MW-8	5781	8	3/3/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	14.6	21	39	—	pCi/L	U	U	08-729	CAPA-08-10940	GELC
18-MW-8	5781	8	12/5/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	1.95	23	35	—	pCi/L	U	U	08-342	CAPA-08-9309	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.44	20	69	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	18.1	14	54	—	pCi/L	U	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	6/16/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.18	16	57	—	pCi/L	U	U	08-1363	CAPA-08-13095	GELC
18-MW-8	5781	8	3/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.8	19	61	—	pCi/L	U	U	08-729	CAPA-08-10938	GELC
18-MW-8	5781	8	12/5/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-16.6	20	65	—	pCi/L	U	U	08-342	CAPA-08-9310	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.36	0.37	0.61	—	pCi/L	—	—	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.639	0.2	0.52	—	pCi/L	—	—	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	3/3/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.802	0.21	0.48	—	pCi/L	—	—	08-729	CAPA-08-10938	GELC
18-MW-8	5781	8	12/5/2007	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.36	0.26	0.44	—	pCi/L	—	—	08-342	CAPA-08-9310	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.721	0.32	0.94	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.425	0.15	0.4	—	pCi/L	—	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	3/3/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.205	0.17	0.58	—	pCi/L	U	U	08-729	CAPA-08-10938	GELC
18-MW-8	5781	8	12/5/2007	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.33	0.17	0.52	—	pCi/L	U	U	08-342	CAPA-08-9310	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.52	1.3	2.6	—	pCi/L	U	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	6/16/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.25	1.2	4.4	—	pCi/L	U	U	08-1363	CAPA-08-13098	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
18-MW-8	5781	8	3/3/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.675	2.1	5.6	—	pCi/L	U	U	08-729	CAPA-08-10940	GELC
18-MW-8	5781	8	12/5/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.39	1.1	4.2	—	pCi/L	U	U	08-342	CAPA-08-9309	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.06	1.5	4.5	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.58	1.1	4.1	—	pCi/L	U	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	6/16/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.648	1.4	4.5	—	pCi/L	U	U	08-1363	CAPA-08-13095	GELC
18-MW-8	5781	8	3/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.359	1.6	4.6	—	pCi/L	U	U	08-729	CAPA-08-10938	GELC
18-MW-8	5781	8	12/5/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.6	1.4	4.2	—	pCi/L	U	U	08-342	CAPA-08-9310	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0486	0.061	0.2	—	pCi/L	U	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	6/16/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.131	0.095	0.41	—	pCi/L	U	U	08-1363	CAPA-08-13098	GELC
18-MW-8	5781	8	3/3/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.146	0.095	0.32	—	pCi/L	U	U	08-729	CAPA-08-10940	GELC
18-MW-8	5781	8	12/5/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.345	0.12	0.41	—	pCi/L	U	U	08-342	CAPA-08-9309	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.125	0.15	0.5	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.084	0.071	0.24	—	pCi/L	U	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	6/16/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0248	0.079	0.32	—	pCi/L	U	U	08-1363	CAPA-08-13095	GELC
18-MW-8	5781	8	3/3/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.086	0.065	0.29	—	pCi/L	U	U	08-729	CAPA-08-10938	GELC
18-MW-8	5781	8	12/5/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.235	0.1	0.33	—	pCi/L	U	U	08-342	CAPA-08-9310	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.0255	0.011	0.13	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0318	0.0094	0.14	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0294	0.0098	0.047	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	42.7862	1.2772	0.28737	—	pCi/L	—	—	09-3165	CAPA-09-12136	UMTL
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	59.3898	1.9158	0.28737	—	pCi/L	—	—	08-1962	CAPA-08-14951	UMTL
18-MW-8	5781	8	6/16/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	61.6249	1.9158	0.28737	—	pCi/L	—	—	08-1377	CAPA-08-13095	UMTL
18-MW-8	5781	8	3/3/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	41.60479	12.67621	3.64002	—	pCi/L	—	—	08-750	CAPA-08-10938	ARSL
18-MW-8	5781	8	12/5/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	76.9513	2.5544	0.28737	—	pCi/L	—	—	08-341	CAPA-08-9310	UMTL
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0113	0.0071	0.066	—	pCi/L	U	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	6/16/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.038	0.0094	0.072	—	pCi/L	U	U	08-1363	CAPA-08-13098	GELC
18-MW-8	5781	8	3/3/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0188	0.0072	0.094	—	pCi/L	U	U	08-729	CAPA-08-10940	GELC
18-MW-8	5781	8	12/5/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0217	0.0093	0.073	—	pCi/L	U	U	08-342	CAPA-08-9309	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	-0.0259	0.01	0.1	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0297	0.0092	0.074	—	pCi/L	U	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	6/16/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0598	0.012	0.069	—	pCi/L	U	U	08-1363	CAPA-08-13095	GELC
18-MW-8	5781	8	3/3/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0284	0.0096	0.083	—	pCi/L	U	U	08-729	CAPA-08-10938	GELC
18-MW-8	5781	8	12/5/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0385	0.013	0.086	—	pCi/L	U	U	08-342	CAPA-08-9310	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00464	0.0033	0.034	—	pCi/L	U	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	6/16/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00741	0.0066	0.037	—	pCi/L	U	U	08-1363	CAPA-08-13098	GELC
18-MW-8	5781	8	3/3/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0199	0.0082	0.048	—	pCi/L	U	U	08-729	CAPA-08-10940	GELC
18-MW-8	5781	8	12/5/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.0038	0.037	—	pCi/L	U	U	08-342	CAPA-08-9309	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00698	0.005	0.052	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0105	0.0053	0.039	—	pCi/L	U	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	6/16/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0119	0.0054	0.036	—	pCi/L	U	U	08-1363	CAPA-08-13095	GELC
18-MW-8	5781	8	3/3/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.0041	0.042	—	pCi/L	U	U	08-729	CAPA-08-10938	GELC
18-MW-8	5781	8	12/5/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00317	0.0071	0.044	—	pCi/L	U	U	08-342	CAPA-08-9310	GELC
18-MW-8	5781	8	9/15/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0263	0.0072	0.037	—	pCi/L	U	U	08-1945	CAPA-08-14950	GELC
18-MW-8	5781	8	6/16/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.00799	0.0049	0.044	—	pCi/L	U	U	08-1363	CAPA-08-13098	GELC
18-MW-8	5781	8	3/3/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.00804	0.0097	0.062	—	pCi/L	U	U	08-729	CAPA-08-10940	GELC
18-MW-8	5781	8	12/5/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.00651	0.0084	0.045	—	pCi/L	U	U	08-342	CAPA-08-9309	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0113	0.007	0.052	—	pCi/L	U	U	09-3164	CAPA-09-12136	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0276	0.0078	0.041	—	pCi/L	U	U	08-1945	CAPA-08-14951	GELC
18-MW-8	5781	8	6/16/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0116	0.0061	0.042	—	pCi/L	U	U	08-1363	CAPA-08-13095	GELC
18-MW-8	5781	8	3/3/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0142	0.0075	0.054	—	pCi/L	U	U	08-729	CAPA-08-10938	GELC
18-MW-8	5781	8	12/5/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.00257	0.011	0.054	—	pCi/L	U	U	08-342	CAPA-08-9310	GELC
18-MW-8	5781	8	9/8/2009	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.32	—	—	0.3	ug/L	J	J	09-3164	CAPA-09-12133	GELC
18-MW-8	5781	8	5/28/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.3	ug/L	U	U	09-2079	CAPA-09-9322	GELC
18-MW-8	5781	8	2/26/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.3	ug/L	U	U	09-1028	CAPA-09-4111	GELC
18-MW-8	5781	8	12/8/2008	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.3	ug/L	U	U	09-461	CAPA-09-1130	GELC
18-MW-8	5781	8	9/15/2008	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.5	ug/L	U	U	08-1944	CAPA-08-14951	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.6	—	—	0.73	mg/L	—	—	09-3183	CAPA-09-12127	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
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.1	—	—	0.73	mg/L	—	—	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.6	—	—	0.73	mg/L	—	—	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.3	—	—	0.73	mg/L	—	—	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.9	—	—	0.73	mg/L	—	—	09-484	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	17.7	—	—	0.05	mg/L	—	—	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	0.05	mg/L	—	—	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.6	—	—	0.03	mg/L	—	—	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.3	—	—	0.03	mg/L	—	—	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16	—	—	0.03	mg/L	—	—	09-485	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	16.9	—	—	0.05	mg/L	—	—	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.8	—	—	0.05	mg/L	—	—	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	5/27/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.8	—	—	0.03	mg/L	—	—	09-2055	CAPA-09-9313	GELC
18-MW-9	5791	6	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.5	—	—	0.03	mg/L	—	—	09-1126	CAPA-09-4104	GELC
18-MW-9	5791	6	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.1	—	—	0.03	mg/L	—	—	09-485	CAPA-09-1122	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	21.5	—	—	0.13	mg/L	—	J+	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.3	—	—	0.13	mg/L	—	J+	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	23.3	—	—	0.13	mg/L	—	—	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	26.2	—	—	0.13	mg/L	—	—	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	24.7	—	—	0.13	mg/L	—	J-	09-484	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.236	—	—	0.033	mg/L	—	—	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.237	—	—	0.033	mg/L	—	—	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.164	—	—	0.033	mg/L	—	J+	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.125	—	—	0.033	mg/L	—	—	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.169	—	—	0.033	mg/L	—	—	09-484	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	67.5	—	—	0.35	mg/L	—	—	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	64.6	—	—	0.35	mg/L	—	—	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	63.3	—	—	0.35	mg/L	—	—	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	68.6	—	—	0.35	mg/L	—	—	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	61.1	—	—	0.35	mg/L	—	—	09-485	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	64.9	—	—	0.35	mg/L	—	—	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	63.9	—	—	0.35	mg/L	—	—	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	5/27/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	63.9	—	—	0.35	mg/L	—	—	09-2055	CAPA-09-9313	GELC
18-MW-9	5791	6	3/5/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	63.3	—	—	0.35	mg/L	—	—	09-1126	CAPA-09-4104	GELC
18-MW-9	5791	6	12/10/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61.5	—	—	0.35	mg/L	—	—	09-485	CAPA-09-1122	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	5.66	—	—	0.085	mg/L	—	—	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.38	—	—	0.085	mg/L	—	—	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.27	—	—	0.085	mg/L	—	—	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.54	—	—	0.085	mg/L	—	—	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.13	—	—	0.085	mg/L	—	—	09-485	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	5.48	—	—	0.085	mg/L	—	—	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.33	—	—	0.085	mg/L	—	—	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	5/27/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.33	—	—	0.085	mg/L	—	—	09-2055	CAPA-09-9313	GELC
18-MW-9	5791	6	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.38	—	—	0.085	mg/L	—	—	09-1126	CAPA-09-4104	GELC
18-MW-9	5791	6	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.19	—	—	0.085	mg/L	—	—	09-485	CAPA-09-1122	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.33	—	—	0.1	mg/L	—	—	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.33	—	—	0.1	mg/L	—	—	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.45	—	—	0.05	mg/L	—	—	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.14	—	—	0.05	mg/L	—	—	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.98	—	—	0.05	mg/L	—	—	09-484	CAPA-09-1121	GELC
18-MW-9	5791	6	9/11/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.17	—	—	0.05	mg/L	—	—	08-1925	CAPA-08-14944	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.328	—	—	0.05	ug/L	—	—	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.326	—	—	0.05	ug/L	—	—	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.291	—	—	0.05	ug/L	—	—	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.214	—	—	0.05	ug/L	—	—	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.28	—	—	0.05	ug/L	—	—	09-484	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.61	—	—	0.05	mg/L	—	—	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.45	—	—	0.05	mg/L	—	—	09-3183	CAPA-09-12123	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
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.24	—	—	0.05	mg/L	—	—	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.59	—	—	0.05	mg/L	—	—	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.44	—	—	0.05	mg/L	—	—	09-485	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	3.46	—	—	0.05	mg/L	—	—	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.39	—	—	0.05	mg/L	—	—	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	5/27/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.27	—	—	0.05	mg/L	—	—	09-2055	CAPA-09-9313	GELC
18-MW-9	5791	6	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.48	—	—	0.05	mg/L	—	—	09-1126	CAPA-09-4104	GELC
18-MW-9	5791	6	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.48	—	—	0.05	mg/L	—	—	09-485	CAPA-09-1122	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	18.8	—	—	0.1	mg/L	—	—	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18	—	—	0.1	mg/L	—	—	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.9	—	—	0.045	mg/L	—	—	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.2	—	—	0.045	mg/L	—	—	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.2	—	—	0.045	mg/L	—	—	09-485	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	18.3	—	—	0.1	mg/L	—	—	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.1	—	—	0.1	mg/L	—	—	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	5/27/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.8	—	—	0.045	mg/L	—	—	09-2055	CAPA-09-9313	GELC
18-MW-9	5791	6	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.7	—	—	0.045	mg/L	—	—	09-1126	CAPA-09-4104	GELC
18-MW-9	5791	6	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.3	—	—	0.045	mg/L	—	—	09-485	CAPA-09-1122	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	237	—	—	1	uS/cm	—	—	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	237	—	—	1	uS/cm	—	—	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	215	—	—	1	uS/cm	—	—	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	226	—	—	1	uS/cm	—	—	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	216	—	—	1	uS/cm	—	—	09-484	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	10.2	—	—	0.1	mg/L	—	—	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.2	—	—	0.1	mg/L	—	—	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.5	—	—	0.1	mg/L	—	J+	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.1	—	—	0.1	mg/L	—	J-	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.1	—	—	0.1	mg/L	—	J-	09-484	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.4	mg/L	—	—	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	148	—	—	2.4	mg/L	—	—	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	154	—	—	2.4	mg/L	—	J	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	158	—	—	2.4	mg/L	H	J	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.4	mg/L	—	—	09-484	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	1.24	—	—	0.33	mg/L	—	—	09-3182	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.893	—	—	0.33	mg/L	J	J	09-3182	CAPA-09-12125	GELC
18-MW-9	5791	6	5/27/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1.94	—	—	0.33	mg/L	—	U	09-2054	CAPA-09-9313	GELC
18-MW-9	5791	6	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	2.39	—	—	0.33	mg/L	—	U	09-1126	CAPA-09-4104	GELC
18-MW-9	5791	6	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.62	—	—	0.33	mg/L	—	—	09-484	CAPA-09-1122	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	6.68	—	—	0.01	SU	H	J-	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.63	—	—	0.01	SU	H	J-	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.71	—	—	0.01	SU	H	J-	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.69	—	—	0.01	SU	H	J-	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.91	—	—	0.01	SU	H	J-	09-484	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Metals	SW-846:6010B	Aluminum	—	132	—	—	68	ug/L	J	J	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	124	—	—	68	ug/L	J	J	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	732	—	—	68	ug/L	—	—	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	217	—	—	68	ug/L	—	U	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	134	—	—	68	ug/L	J	—	09-485	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	218	—	—	68	ug/L	—	—	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	150	—	—	68	ug/L	J	J	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	5/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1060	—	—	68	ug/L	—	—	09-2055	CAPA-09-9313	GELC
18-MW-9	5791	6	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	256	—	—	68	ug/L	—	U	09-1126	CAPA-09-4104	GELC
18-MW-9	5791	6	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	190	—	—	68	ug/L	J	—	09-485	CAPA-09-1122	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	2.5	—	—	1.5	ug/L	J	U	09-485	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Metals	SW-846:6020	Arsenic	—	2.54	—	—	1.5	ug/L	J	J	09-3183	CAPA-09-12126	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
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.54	—	—	1.5	ug/L	J	J	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	5/27/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-2055	CAPA-09-9313	GELC
18-MW-9	5791	6	3/5/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	2.3	—	—	1.5	ug/L	J	U	09-1126	CAPA-09-4104	GELC
18-MW-9	5791	6	12/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	1.6	—	—	1.5	ug/L	J	U	09-485	CAPA-09-1122	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	93.1	—	—	1	ug/L	—	—	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	93.5	—	—	1	ug/L	—	—	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	86.7	—	—	1	ug/L	—	—	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	88.8	—	—	1	ug/L	—	—	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	81.7	—	—	1	ug/L	—	—	09-485	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	91.4	—	—	1	ug/L	—	—	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	91.2	—	—	1	ug/L	—	—	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	5/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	89.6	—	—	1	ug/L	—	—	09-2055	CAPA-09-9313	GELC
18-MW-9	5791	6	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	88.1	—	—	1	ug/L	—	—	09-1126	CAPA-09-4104	GELC
18-MW-9	5791	6	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	82.6	—	—	1	ug/L	—	—	09-485	CAPA-09-1122	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Metals	SW-846:6010B	Boron	—	25.5	—	—	15	ug/L	J	J	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	25.5	—	—	15	ug/L	J	J	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18	—	—	10	ug/L	J	J	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	36.6	—	—	10	ug/L	J	U	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.7	—	—	10	ug/L	J	—	09-485	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Boron	—	26.1	—	—	15	ug/L	J	J	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	26.9	—	—	15	ug/L	J	J	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	5/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	20.6	—	—	10	ug/L	J	J	09-2055	CAPA-09-9313	GELC
18-MW-9	5791	6	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	38.6	—	—	10	ug/L	J	U	09-1126	CAPA-09-4104	GELC
18-MW-9	5791	6	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21	—	—	10	ug/L	J	—	09-485	CAPA-09-1122	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Metals	SW-846:6010B	Iron	—	73.2	—	—	30	ug/L	J	J	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	48.9	—	—	30	ug/L	J	J	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	338	—	—	25	ug/L	—	—	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	48.4	—	—	25	ug/L	J	J	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	67.6	—	—	25	ug/L	J	—	09-485	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	58.4	—	—	30	ug/L	J	J	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	72.4	—	—	30	ug/L	J	J	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	5/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	499	—	—	25	ug/L	—	—	09-2055	CAPA-09-9313	GELC
18-MW-9	5791	6	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	59.3	—	—	25	ug/L	J	J	09-1126	CAPA-09-4104	GELC
18-MW-9	5791	6	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	102	—	—	25	ug/L	—	—	09-485	CAPA-09-1122	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.846	—	—	0.5	ug/L	J	J	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.685	—	—	0.5	ug/L	J	J	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.627	—	—	0.5	ug/L	J	J	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-485	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	0.6	—	—	0.5	ug/L	J	J	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.635	—	—	0.5	ug/L	J	J	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	5/27/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.626	—	—	0.5	ug/L	J	J	09-2055	CAPA-09-9313	GELC
18-MW-9	5791	6	3/5/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-1126	CAPA-09-4104	GELC
18-MW-9	5791	6	12/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-485	CAPA-09-1122	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	34	—	—	0.053	mg/L	—	—	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.3	—	—	0.053	mg/L	—	—	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.8	—	—	0.032	mg/L	—	—	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.7	—	—	0.032	mg/L	—	—	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.7	—	—	0.032	mg/L	—	—	09-484	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	127	—	—	1	ug/L	—	—	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	122	—	—	1	ug/L	—	—	09-3183	CAPA-09-12123	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	110	—	—	1	ug/L	—	—	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	119	—	—	1	ug/L	—	—	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	108	—	—	1	ug/L	—	—	09-485	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	123	—	—	1	ug/L	—	—	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	122	—	—	1	ug/L	—	—	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	5/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	110	—	—	1	ug/L	—	—	09-2055	CAPA-09-9313	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
18-MW-9	5791	6	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	115	—	—	1	ug/L	—	—	09-1126	CAPA-09-4104	GELC
18-MW-9	5791	6	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	108	—	—	1	ug/L	—	—	09-485	CAPA-09-1122	GELC
18-MW-9	5791	6	9/9/2009	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	1.35	—	—	1	ug/L	J	J	09-3183	CAPA-09-12127	GELC
18-MW-9	5791	6	5/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1.8	—	—	1	ug/L	J	U	09-2055	CAPA-09-9314	GELC
18-MW-9	5791	6	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.5	—	—	1	ug/L	J	J	09-1126	CAPA-09-4105	GELC
18-MW-9	5791	6	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.1	—	—	1	ug/L	J	—	09-485	CAPA-09-1121	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	1.58	—	—	1	ug/L	J	J	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.66	—	—	1	ug/L	J	J	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	5/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1.8	—	—	1	ug/L	J	U	09-2055	CAPA-09-9313	GELC
18-MW-9	5791	6	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.7	—	—	1	ug/L	J	J	09-1126	CAPA-09-4104	GELC
18-MW-9	5791	6	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.2	—	—	1	ug/L	J	—	09-485	CAPA-09-1122	GELC
18-MW-9	5791	6	9/11/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00761	0.0045	0.025	—	pCi/L	U	U	08-1924	CAPA-08-14944	GELC
18-MW-9	5791	6	6/11/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.000655	0.0068	0.036	—	pCi/L	U	U	08-1334	CAPA-08-13085	GELC
18-MW-9	5791	6	3/19/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00714	0.005	0.032	—	pCi/L	U	U	08-847	CAPA-08-10952	GELC
18-MW-9	5791	6	12/18/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0117	0.01	0.032	—	pCi/L	U	U	08-422	CAPA-08-9360	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	-0.00546	0.0052	0.049	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0213	0.0076	0.043	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000878	0.0053	0.027	—	pCi/L	U	U	08-1924	CAPA-08-14946	GELC
18-MW-9	5791	6	6/11/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000744	0.002	0.036	—	pCi/L	U	U	08-1334	CAPA-08-13084	GELC
18-MW-9	5791	6	3/19/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00377	0.0034	0.034	—	pCi/L	U	U	08-847	CAPA-08-10950	GELC
18-MW-9	5791	6	12/18/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00216	0.0096	0.033	—	pCi/L	U	U	08-422	CAPA-08-9362	GELC
18-MW-9	5791	6	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.37	1.4	5.2	—	pCi/L	U	U	08-1924	CAPA-08-14944	GELC
18-MW-9	5791	6	6/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.69	1.4	4.3	—	pCi/L	U	U	08-1334	CAPA-08-13085	GELC
18-MW-9	5791	6	3/19/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.873	1.7	5	—	pCi/L	U	U	08-847	CAPA-08-10952	GELC
18-MW-9	5791	6	12/18/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	4.07	2	3.8	—	pCi/L	UI	R	08-422	CAPA-08-9360	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	2.51	1.5	5.3	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.25	1.3	4.5	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.12	1.4	3.8	—	pCi/L	U	U	08-1924	CAPA-08-14946	GELC
18-MW-9	5791	6	6/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.19	1.2	4.4	—	pCi/L	U	U	08-1334	CAPA-08-13084	GELC
18-MW-9	5791	6	3/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.436	1.2	3.7	—	pCi/L	U	U	08-847	CAPA-08-10950	GELC
18-MW-9	5791	6	12/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.453	1.3	4.5	—	pCi/L	U	U	08-422	CAPA-08-9362	GELC
18-MW-9	5791	6	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.1	1.5	4.2	—	pCi/L	U	U	08-1924	CAPA-08-14944	GELC
18-MW-9	5791	6	6/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.99	1.5	4	—	pCi/L	U	U	08-1334	CAPA-08-13085	GELC
18-MW-9	5791	6	3/19/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.01	1.4	5.2	—	pCi/L	U	U	08-847	CAPA-08-10952	GELC
18-MW-9	5791	6	12/18/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.125	1	3.4	—	pCi/L	U	U	08-422	CAPA-08-9360	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	-0.897	1.6	5	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.00918	1.4	4.7	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.207	1.3	4.3	—	pCi/L	U	U	08-1924	CAPA-08-14946	GELC
18-MW-9	5791	6	6/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.325	1.2	4.1	—	pCi/L	U	U	08-1334	CAPA-08-13084	GELC
18-MW-9	5791	6	3/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.34	1.4	3.5	—	pCi/L	U	U	08-847	CAPA-08-10950	GELC
18-MW-9	5791	6	12/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.246	1.8	3.5	—	pCi/L	U	U	08-422	CAPA-08-9362	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha/beta	<	-0.325	0.31	2.3	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.232	0.51	2.3	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/12/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.35	1.01	2.75	—	pCi/L	—	J	193715	GF07090G18M901	GELC
18-MW-9	5791	6	6/28/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.34	0.684	1.42	—	pCi/L	—	—	188896	GF07060G18M901	GELC
18-MW-9	5791	6	3/22/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	9.22	1.34	3.29	—	pCi/L	—	J	183054	GF07030G18M901	GELC
18-MW-9	5791	6	12/11/2006	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.45	0.874	2.42	—	pCi/L	—	J	177654	GF06120G18M901	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	EPA:900	Gross beta	<	2.29	0.95	2.9	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.46	0.72	2.2	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/12/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.79	0.582	1.43	—	pCi/L	—	J	193715	GU07090G18M901	GELC
18-MW-9	5791	6	6/28/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.23	0.605	1.56	—	pCi/L	—	J	188896	GU07060G18M901	GELC
18-MW-9	5791	6	3/22/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.39	1.13	3.13	—	pCi/L	—	J	183054	GU07030G18M901	GELC
18-MW-9	5791	6	12/11/2006	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.27	1.07	3.03	—	pCi/L	—	J	177654	GU06120G18M901	GELC
18-MW-9	5791	6	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	11.6	9.3	21	—	pCi/L	U	U	08-1924	CAPA-08-14944	GELC
18-MW-9	5791	6	6/11/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	78	75	240	—	pCi/L	U	U	08-1334	CAPA-08-13085	GELC
18-MW-9	5791	6	3/19/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	77.6	89	260	—	pCi/L	U	U	08-847	CAPA-08-10952	GELC
18-MW-9	5791	6	12/18/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	124	65	270	—	pCi/L	U	U	08-422	CAPA-08-9360	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
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	58.5	34	62	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	69	43	74	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	14.3	11	16	—	pCi/L	U	U	08-1924	CAPA-08-14946	GELC
18-MW-9	5791	6	6/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	101	130	280	—	pCi/L	U	U	08-1334	CAPA-08-13084	GELC
18-MW-9	5791	6	3/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	68.1	76	230	—	pCi/L	U	U	08-847	CAPA-08-10950	GELC
18-MW-9	5791	6	12/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	135	240	340	—	pCi/L	U	U	08-422	CAPA-08-9362	GELC
18-MW-9	5791	6	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-15.9	10	31	—	pCi/L	U	U	08-1924	CAPA-08-14944	GELC
18-MW-9	5791	6	6/11/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.96	8.9	29	—	pCi/L	U	U	08-1334	CAPA-08-13085	GELC
18-MW-9	5791	6	3/19/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.71	12	34	—	pCi/L	U	U	08-847	CAPA-08-10952	GELC
18-MW-9	5791	6	12/18/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.5	9.2	31	—	pCi/L	U	U	08-422	CAPA-08-9360	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	-0.433	14	39	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.5	11	34	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-19.5	11	33	—	pCi/L	U	U	08-1924	CAPA-08-14946	GELC
18-MW-9	5791	6	6/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-18.1	10	29	—	pCi/L	U	U	08-1334	CAPA-08-13084	GELC
18-MW-9	5791	6	3/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.54	7.2	25	—	pCi/L	U	U	08-847	CAPA-08-10950	GELC
18-MW-9	5791	6	12/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	29.6	14	37	—	pCi/L	U	U	08-422	CAPA-08-9362	GELC
18-MW-9	5791	6	9/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00189	0.0094	0.029	—	pCi/L	U	U	08-1924	CAPA-08-14944	GELC
18-MW-9	5791	6	6/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00561	0.012	0.033	—	pCi/L	U	U	08-1334	CAPA-08-13085	GELC
18-MW-9	5791	6	3/19/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00184	0.0061	0.034	—	pCi/L	U	U	08-847	CAPA-08-10952	GELC
18-MW-9	5791	6	12/18/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00233	0.0023	0.042	—	pCi/L	U	U	08-422	CAPA-08-9360	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	0	0.0017	0.029	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00316	0.0027	0.028	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00388	0.0048	0.029	—	pCi/L	U	U	08-1924	CAPA-08-14946	GELC
18-MW-9	5791	6	6/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0121	0.014	0.029	—	pCi/L	U	U	08-1334	CAPA-08-13084	GELC
18-MW-9	5791	6	3/19/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0021	0.038	—	pCi/L	U	U	08-847	CAPA-08-10950	GELC
18-MW-9	5791	6	12/18/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0022	0.039	—	pCi/L	U	U	08-422	CAPA-08-9362	GELC
18-MW-9	5791	6	9/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00189	0.005	0.032	—	pCi/L	U	U	08-1924	CAPA-08-14944	GELC
18-MW-9	5791	6	6/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.014	0.01	0.045	—	pCi/L	U	U	08-1334	CAPA-08-13085	GELC
18-MW-9	5791	6	3/19/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00184	0.0049	0.033	—	pCi/L	U	U	08-847	CAPA-08-10952	GELC
18-MW-9	5791	6	12/18/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0074	0.048	—	pCi/L	U	U	08-422	CAPA-08-9360	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	0.00166	0.0029	0.033	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00474	0.0027	0.031	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00194	0.0051	0.033	—	pCi/L	U	U	08-1924	CAPA-08-14946	GELC
18-MW-9	5791	6	6/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00483	0.009	0.039	—	pCi/L	U	U	08-1334	CAPA-08-13084	GELC
18-MW-9	5791	6	3/19/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00209	0.003	0.037	—	pCi/L	U	U	08-847	CAPA-08-10950	GELC
18-MW-9	5791	6	12/18/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00217	0.0048	0.045	—	pCi/L	U	U	08-422	CAPA-08-9362	GELC
18-MW-9	5791	6	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.7	19	62	—	pCi/L	U	U	08-1924	CAPA-08-14944	GELC
18-MW-9	5791	6	6/11/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-22.4	17	55	—	pCi/L	U	U	08-1334	CAPA-08-13085	GELC
18-MW-9	5791	6	3/19/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	11.8	21	47	—	pCi/L	U	U	08-847	CAPA-08-10952	GELC
18-MW-9	5791	6	12/18/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	4.16	15	48	—	pCi/L	U	U	08-422	CAPA-08-9360	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	-0.454	16	58	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.36	17	60	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-17.5	19	61	—	pCi/L	U	U	08-1924	CAPA-08-14946	GELC
18-MW-9	5791	6	6/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.44	20	66	—	pCi/L	U	U	08-1334	CAPA-08-13084	GELC
18-MW-9	5791	6	3/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	17.6	21	35	—	pCi/L	U	U	08-847	CAPA-08-10950	GELC
18-MW-9	5791	6	12/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	16.8	19	70	—	pCi/L	U	U	08-422	CAPA-08-9362	GELC
18-MW-9	5791	6	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.09	1.6	5.5	—	pCi/L	U	U	08-1924	CAPA-08-14944	GELC
18-MW-9	5791	6	6/11/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.984	1	3.7	—	pCi/L	U	U	08-1334	CAPA-08-13085	GELC
18-MW-9	5791	6	3/19/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.32	1.1	3	—	pCi/L	U	U	08-847	CAPA-08-10952	GELC
18-MW-9	5791	6	12/18/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.5	1	3.2	—	pCi/L	U	U	08-422	CAPA-08-9360	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	0.385	1.5	5.1	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.33	1.2	3.5	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.37	1.1	4.2	—	pCi/L	U	U	08-1924	CAPA-08-14946	GELC
18-MW-9	5791	6	6/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.64	1.2	3.3	—	pCi/L	U	U	08-1334	CAPA-08-13084	GELC
18-MW-9	5791	6	3/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.668	1.3	4.3	—	pCi/L	U	U	08-847	CAPA-08-10950	GELC
18-MW-9	5791	6	12/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.06	1.5	3.8	—	pCi/L	U	U	08-422	CAPA-08-9362	GELC
18-MW-9	5791	6	9/11/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0578	0.085	0.28	—	pCi/L	U	U	08-1924	CAPA-08-14944	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
18-MW-9	5791	6	6/11/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0732	0.12	0.44	—	pCi/L	U	U	08-1334	CAPA-08-13085	GELC
18-MW-9	5791	6	3/19/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0758	0.12	0.44	—	pCi/L	U	U	08-847	CAPA-08-10952	GELC
18-MW-9	5791	6	12/18/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.249	0.093	0.34	—	pCi/L	U	U	08-422	CAPA-08-9360	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.0971	0.12	0.39	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.415	0.17	0.49	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/11/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.055	0.086	0.31	—	pCi/L	U	U	08-1924	CAPA-08-14946	GELC
18-MW-9	5791	6	6/11/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.157	0.12	0.39	—	pCi/L	U	U	08-1334	CAPA-08-13084	GELC
18-MW-9	5791	6	3/19/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.179	0.11	0.5	—	pCi/L	U	U	08-847	CAPA-08-10950	GELC
18-MW-9	5791	6	12/18/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00771	0.085	0.29	—	pCi/L	U	U	08-422	CAPA-08-9362	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	HASL-300	Thorium-228	<	-0.00155	0.012	0.12	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.0111	0.011	0.11	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	HASL-300	Thorium-230	<	-0.000666	0.0047	0.13	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	-0.00562	0.0055	0.12	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	HASL-300	Thorium-232	<	-0.00484	0.0049	0.043	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00921	0.0057	0.041	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	LLEE	Tritium	—	89.404	2.8737	0.28737	—	pCi/L	—	—	09-3246	CAPA-09-12126	UMTL
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	89.0847	2.8737	0.28737	—	pCi/L	—	—	09-3246	CAPA-09-12125	UMTL
18-MW-9	5791	6	9/11/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	35.688161	5.504732	2.631032	—	pCi/L	—	U	08-1935	CAPA-08-14946	ARSL
18-MW-9	5791	6	6/11/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	55.8775	1.9158	0.28737	—	pCi/L	—	—	08-1377	CAPA-08-13084	UMTL
18-MW-9	5791	6	3/19/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	60.0284	1.9158	0.28737	—	pCi/L	—	—	08-873	CAPA-08-10950	UMTL
18-MW-9	5791	6	9/12/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	75.6741	2.5544	0.28737	—	pCi/L	—	—	2403	UU07090G18M901	UMTL
18-MW-9	5791	6	9/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.00961	0.0051	0.066	—	pCi/L	U	U	08-1924	CAPA-08-14944	GELC
18-MW-9	5791	6	6/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0117	0.0074	0.07	—	pCi/L	U	U	08-1334	CAPA-08-13085	GELC
18-MW-9	5791	6	3/19/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0466	0.01	0.066	—	pCi/L	U	U	08-847	CAPA-08-10952	GELC
18-MW-9	5791	6	12/18/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0461	0.0096	0.068	—	pCi/L	U	U	08-422	CAPA-08-9360	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	<	-0.0143	0.013	0.097	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	-0.0389	0.017	0.11	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0378	0.0085	0.062	—	pCi/L	U	U	08-1924	CAPA-08-14946	GELC
18-MW-9	5791	6	6/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0123	0.0082	0.073	—	pCi/L	U	U	08-1334	CAPA-08-13084	GELC
18-MW-9	5791	6	3/19/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0303	0.008	0.074	—	pCi/L	U	U	08-847	CAPA-08-10950	GELC
18-MW-9	5791	6	12/18/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0454	0.01	0.067	—	pCi/L	U	U	08-422	CAPA-08-9362	GELC
18-MW-9	5791	6	9/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00237	0.0034	0.035	—	pCi/L	U	U	08-1924	CAPA-08-14944	GELC
18-MW-9	5791	6	6/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00725	0.0054	0.036	—	pCi/L	U	U	08-1334	CAPA-08-13085	GELC
18-MW-9	5791	6	3/19/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00887	0.0055	0.033	—	pCi/L	U	U	08-847	CAPA-08-10952	GELC
18-MW-9	5791	6	12/18/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00912	0.0046	0.03	—	pCi/L	U	U	08-422	CAPA-08-9360	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0	0.0046	0.049	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0222	0.012	0.055	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0133	0.0055	0.033	—	pCi/L	U	U	08-1924	CAPA-08-14946	GELC
18-MW-9	5791	6	6/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-3.01E-10	0.0036	0.038	—	pCi/L	U	U	08-1334	CAPA-08-13084	GELC
18-MW-9	5791	6	3/19/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00998	0.005	0.037	—	pCi/L	U	U	08-847	CAPA-08-10950	GELC
18-MW-9	5791	6	12/18/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00898	0.0055	0.03	—	pCi/L	U	U	08-422	CAPA-08-9362	GELC
18-MW-9	5791	6	9/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.00961	0.0051	0.035	—	pCi/L	U	U	08-1924	CAPA-08-14944	GELC
18-MW-9	5791	6	6/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0137	0.0059	0.043	—	pCi/L	U	U	08-1334	CAPA-08-13085	GELC
18-MW-9	5791	6	3/19/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0143	0.0068	0.045	—	pCi/L	U	U	08-847	CAPA-08-10952	GELC
18-MW-9	5791	6	12/18/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0203	0.0068	0.04	—	pCi/L	U	U	08-422	CAPA-08-9360	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	<	0.00265	0.008	0.049	—	pCi/L	U	U	09-3183	CAPA-09-12126	GELC
18-MW-9	5791	6	9/9/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	-0.0329	0.014	0.055	—	pCi/L	U	U	09-3183	CAPA-09-12125	GELC
18-MW-9	5791	6	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0198	0.0066	0.032	—	pCi/L	U	U	08-1924	CAPA-08-14946	GELC
18-MW-9	5791	6	6/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0327	0.0084	0.045	—	pCi/L	U	U	08-1334	CAPA-08-13084	GELC
18-MW-9	5791	6	3/19/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0242	0.0071	0.05	—	pCi/L	U	U	08-847	CAPA-08-10950	GELC
18-MW-9	5791	6	12/18/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.00726	0.0045	0.039	—	pCi/L	U	U	08-422	CAPA-08-9362	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	72.9	—	—	0.73	mg/L	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	76.3	—	—	0.73	mg/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71.6	—	—	0.73	mg/L	—	—	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.3	—	—	0.73	mg/L	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	78.9	—	—	0.73	mg/L	—	—	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.038	—	—	0.016	mg/L	J	J-	09-3245	CAPA-09-12102	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
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	UJ	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	U	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	UJ	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.0375	—	—	0.03	mg/L	J	J-	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.3	—	—	0.05	mg/L	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.4	—	—	0.03	mg/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.5	—	—	0.03	mg/L	—	—	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	0.03	mg/L	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.1	—	—	0.03	mg/L	—	—	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.8	—	—	0.05	mg/L	—	—	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	2/27/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.2	—	—	0.03	mg/L	—	—	09-1047	CAPA-09-4080	GELC
Anderson Spring	—	—	12/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.3	—	—	0.03	mg/L	—	—	09-479	CAPA-09-1098	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.3	—	—	0.03	mg/L	—	—	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	0.03	mg/L	—	—	08-1325	CAPA-08-13058	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.5	—	—	0.066	mg/L	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.74	—	—	0.066	mg/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.1	—	—	0.066	mg/L	—	J-	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.18	—	—	0.066	mg/L	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	5.98	—	—	0.066	mg/L	—	—	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.484	—	—	0.033	mg/L	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.352	—	—	0.033	mg/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.336	—	—	0.033	mg/L	—	—	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.317	—	—	0.033	mg/L	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.295	—	—	0.033	mg/L	—	—	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54.3	—	—	0.35	mg/L	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	55.8	—	—	0.35	mg/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	55.7	—	—	0.35	mg/L	—	—	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.3	—	—	0.35	mg/L	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58	—	—	0.35	mg/L	—	—	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	56.4	—	—	0.35	mg/L	—	—	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	2/27/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	55.2	—	—	0.35	mg/L	—	—	09-1047	CAPA-09-4080	GELC
Anderson Spring	—	—	12/9/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.7	—	—	0.35	mg/L	—	—	09-479	CAPA-09-1098	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.4	—	—	0.35	mg/L	—	—	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	63.4	—	—	0.35	mg/L	—	—	08-1325	CAPA-08-13058	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.54	—	—	0.085	mg/L	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.84	—	—	0.085	mg/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.7	—	—	0.085	mg/L	—	—	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.1	—	—	0.085	mg/L	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.93	—	—	0.085	mg/L	—	—	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.71	—	—	0.085	mg/L	—	—	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	2/27/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.8	—	—	0.085	mg/L	—	—	09-1047	CAPA-09-4080	GELC
Anderson Spring	—	—	12/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.6	—	—	0.085	mg/L	—	—	09-479	CAPA-09-1098	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.05	—	—	0.085	mg/L	—	—	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.51	—	—	0.085	mg/L	—	—	08-1325	CAPA-08-13058	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.411	—	—	0.05	mg/L	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.382	—	—	0.05	mg/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.409	—	—	0.05	mg/L	—	J+	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.555	—	—	0.05	mg/L	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.445	—	—	0.05	mg/L	—	—	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.374	—	—	0.05	ug/L	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.39	—	—	0.05	ug/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.329	—	—	0.05	ug/L	—	—	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.408	—	—	0.05	ug/L	—	J	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.422	—	—	0.05	ug/L	—	J+	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.7	—	—	0.05	mg/L	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.71	—	—	0.05	mg/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.71	—	—	0.05	mg/L	—	—	09-479	CAPA-09-1099	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
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.65	—	—	0.05	mg/L	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.6	—	—	0.05	mg/L	—	—	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.93	—	—	0.05	mg/L	—	—	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	2/27/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.66	—	—	0.05	mg/L	—	—	09-1047	CAPA-09-4080	GELC
Anderson Spring	—	—	12/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.66	—	—	0.05	mg/L	—	—	09-479	CAPA-09-1098	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.65	—	—	0.05	mg/L	—	—	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.43	—	—	0.05	mg/L	—	—	08-1325	CAPA-08-13058	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.4	—	—	0.1	mg/L	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.2	—	—	0.045	mg/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.7	—	—	0.045	mg/L	—	—	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.7	—	—	0.045	mg/L	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.4	—	—	0.045	mg/L	—	—	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.6	—	—	0.1	mg/L	—	—	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	2/27/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.5	—	—	0.045	mg/L	—	—	09-1047	CAPA-09-4080	GELC
Anderson Spring	—	—	12/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.4	—	—	0.045	mg/L	—	—	09-479	CAPA-09-1098	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	0.045	mg/L	—	—	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.3	—	—	0.045	mg/L	—	—	08-1325	CAPA-08-13058	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	176	—	—	1	uS/cm	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	174	—	—	1	uS/cm	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	176	—	—	1	uS/cm	—	—	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	165	—	—	1	uS/cm	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	188	—	—	1	uS/cm	—	—	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.96	—	—	0.1	mg/L	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.85	—	—	0.1	mg/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.27	—	—	0.1	mg/L	—	J-	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.96	—	—	0.1	mg/L	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.78	—	—	0.1	mg/L	—	—	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	166	—	—	2.4	mg/L	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	175	—	—	2.4	mg/L	—	J	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	169	—	—	2.4	mg/L	—	—	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	164	—	—	2.4	mg/L	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	168	—	—	2.4	mg/L	—	J	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.38	—	—	0.01	SU	H	J-	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.6	—	—	0.01	SU	H	J-	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.57	—	—	0.01	SU	H	J-	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	0.01	SU	H	J-	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.47	—	—	0.01	SU	H	J-	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	81.2	—	—	68	ug/L	J	J	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1170	—	—	68	ug/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	743	—	—	68	ug/L	—	—	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	2/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1980	—	—	68	ug/L	—	—	09-1047	CAPA-09-4080	GELC
Anderson Spring	—	—	12/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-479	CAPA-09-1098	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	185	—	—	68	ug/L	J	J	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1700	—	—	68	ug/L	—	—	08-1325	CAPA-08-13058	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37	—	—	1	ug/L	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.8	—	—	1	ug/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37	—	—	1	ug/L	—	—	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.5	—	—	1	ug/L	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.1	—	—	1	ug/L	—	—	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	46.1	—	—	1	ug/L	—	—	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	2/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	42.3	—	—	1	ug/L	—	—	09-1047	CAPA-09-4080	GELC
Anderson Spring	—	—	12/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.3	—	—	1	ug/L	—	—	09-479	CAPA-09-1098	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.4	—	—	1	ug/L	—	—	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	56.5	—	—	1	ug/L	—	—	08-1325	CAPA-08-13058	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
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.4	—	—	15	ug/L	J	J	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	27.5	—	—	10	ug/L	J	U	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	24	—	—	10	ug/L	J	U	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16	—	—	10	ug/L	J	J	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	30.2	—	—	10	ug/L	J	U	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.6	—	—	15	ug/L	J	J	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	2/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	27.4	—	—	10	ug/L	J	U	09-1047	CAPA-09-4080	GELC
Anderson Spring	—	—	12/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	23.8	—	—	10	ug/L	J	U	09-479	CAPA-09-1098	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	14.5	—	—	10	ug/L	J	J	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	31.6	—	—	10	ug/L	J	U	08-1325	CAPA-08-13058	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.08	—	—	2.5	ug/L	J	J	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	5.6	—	—	1.5	ug/L	—	U	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.5	—	—	1.5	ug/L	—	—	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.2	—	—	1.5	ug/L	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5	—	—	2.5	ug/L	J	J	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.19	—	—	2.5	ug/L	J	J	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	2/27/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	6.4	—	—	1.5	ug/L	—	U	09-1047	CAPA-09-4080	GELC
Anderson Spring	—	—	12/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.5	—	—	1.5	ug/L	—	—	09-479	CAPA-09-1098	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	1.5	ug/L	—	—	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.3	—	—	2.5	ug/L	J	J	08-1325	CAPA-08-13058	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	47.2	—	—	30	ug/L	J	J	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	645	—	—	25	ug/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	40	—	—	25	ug/L	J	J	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	30.2	—	—	25	ug/L	J	J	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	506	—	—	30	ug/L	—	—	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	2/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1110	—	—	25	ug/L	—	—	09-1047	CAPA-09-4080	GELC
Anderson Spring	—	—	12/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	39.9	—	—	25	ug/L	J	J	09-479	CAPA-09-1098	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	103	—	—	25	ug/L	—	—	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1140	—	—	25	ug/L	—	—	08-1325	CAPA-08-13058	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.626	—	—	0.5	ug/L	J	J	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	2/27/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.72	—	—	0.5	ug/L	J	J	09-1047	CAPA-09-4080	GELC
Anderson Spring	—	—	12/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-479	CAPA-09-1098	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.3	—	—	0.5	ug/L	J	J	08-1325	CAPA-08-13058	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.4	—	—	2	ug/L	J	J	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	30.6	—	—	2	ug/L	—	—	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	2/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.1	—	—	2	ug/L	J	J	09-1047	CAPA-09-4080	GELC
Anderson Spring	—	—	12/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-479	CAPA-09-1098	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.9	—	—	2	ug/L	J	J	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	47.6	—	—	2	ug/L	—	—	08-1325	CAPA-08-13058	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.4	—	—	0.1	ug/L	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.4	—	—	0.1	ug/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.5	—	—	0.1	ug/L	—	U	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.2	—	—	0.1	ug/L	—	U	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	0.1	ug/L	—	—	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.42	—	—	0.1	ug/L	—	—	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	2/27/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.4	—	—	0.1	ug/L	—	—	09-1047	CAPA-09-4080	GELC
Anderson Spring	—	—	12/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.5	—	—	0.1	ug/L	—	U	09-479	CAPA-09-1098	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	0.1	ug/L	—	U	08-1912	CAPA-08-14916	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
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.4	—	—	0.1	ug/L	—	—	08-1325	CAPA-08-13058	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.72	—	—	0.5	ug/L	J	U	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.53	—	—	0.5	ug/L	J	J	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.68	—	—	0.5	ug/L	J	J	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.675	—	—	0.5	ug/L	J	J	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	2/27/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.9	—	—	0.5	ug/L	J	U	09-1047	CAPA-09-4080	GELC
Anderson Spring	—	—	12/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-479	CAPA-09-1098	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.73	—	—	0.5	ug/L	J	J	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	0.5	ug/L	J	J	08-1325	CAPA-08-13058	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	82.9	—	—	0.053	mg/L	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	76.9	—	—	0.032	mg/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	80.3	—	—	0.032	mg/L	—	—	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	77.4	—	—	0.032	mg/L	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.6	—	—	0.032	mg/L	—	—	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	69.8	—	—	1	ug/L	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	74.7	—	—	1	ug/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	68.4	—	—	1	ug/L	—	—	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	65.8	—	—	1	ug/L	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	73	—	—	1	ug/L	—	—	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	72.6	—	—	1	ug/L	—	—	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	2/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	74	—	—	1	ug/L	—	—	09-1047	CAPA-09-4080	GELC
Anderson Spring	—	—	12/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	67.1	—	—	1	ug/L	—	—	09-479	CAPA-09-1098	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	64.7	—	—	1	ug/L	—	—	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	80.2	—	—	1	ug/L	—	—	08-1325	CAPA-08-13058	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.364	—	—	0.05	ug/L	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.71	—	—	0.05	ug/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.56	—	—	0.05	ug/L	—	—	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.18	—	—	0.05	ug/L	J	J	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.69	—	—	0.05	ug/L	—	—	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.504	—	—	0.05	ug/L	—	—	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	2/27/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.75	—	—	0.05	ug/L	—	—	09-1047	CAPA-09-4080	GELC
Anderson Spring	—	—	12/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.57	—	—	0.05	ug/L	—	—	09-479	CAPA-09-1098	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.23	—	—	0.05	ug/L	—	—	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1	—	—	0.05	ug/L	—	—	08-1325	CAPA-08-13058	GELC
Anderson Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.9	—	—	1	ug/L	—	—	09-3245	CAPA-09-12102	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9.2	—	—	1	ug/L	—	—	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	9	—	—	1	ug/L	—	—	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8	—	—	1	ug/L	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.5	—	—	1	ug/L	—	—	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.1	—	—	1	ug/L	—	—	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	2/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10	—	—	1	ug/L	—	—	09-1047	CAPA-09-4080	GELC
Anderson Spring	—	—	12/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.9	—	—	1	ug/L	—	—	09-479	CAPA-09-1098	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.2	—	—	1	ug/L	—	—	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.2	—	—	1	ug/L	—	—	08-1325	CAPA-08-13058	GELC
Anderson Spring	—	—	2/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.1	—	—	2	ug/L	J	J	09-1047	CAPA-09-4079	GELC
Anderson Spring	—	—	12/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.3	—	—	2	ug/L	J	J	09-479	CAPA-09-1099	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	08-1325	CAPA-08-13060	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.35	—	—	3.3	ug/L	J	J	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	2/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.8	—	—	2	ug/L	J	J	09-1047	CAPA-09-4080	GELC
Anderson Spring	—	—	12/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.1	—	—	2	ug/L	J	J	09-479	CAPA-09-1098	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.1	—	—	2	ug/L	J	J	08-1325	CAPA-08-13058	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00349	0.006	0.024	—	pCi/L	U	U	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0137	0.0084	0.04	—	pCi/L	U	U	08-1326	CAPA-08-13060	GELC
Anderson Spring	—	—	3/10/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0108	0.015	0.051	—	pCi/L	U	U	08-779	CAPA-08-10968	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
Anderson Spring	—	—	12/10/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0153	0.013	0.056	—	pCi/L	U	U	08-388	CAPA-08-9288	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00237	0.002	0.031	—	pCi/L	U	U	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000732	0.0025	0.022	—	pCi/L	U	U	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00398	0.0084	0.038	—	pCi/L	U	U	08-1326	CAPA-08-13058	GELC
Anderson Spring	—	—	3/10/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00181	0.008	0.044	—	pCi/L	U	U	08-779	CAPA-08-10969	GELC
Anderson Spring	—	—	12/10/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00093	0.0074	0.063	—	pCi/L	U	U	08-388	CAPA-08-9287	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.83	1.4	5.1	—	pCi/L	U	U	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.342	1.3	4.3	—	pCi/L	U	U	08-1326	CAPA-08-13060	GELC
Anderson Spring	—	—	3/10/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.62	0.96	2.7	—	pCi/L	U	U	08-779	CAPA-08-10968	GELC
Anderson Spring	—	—	12/10/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.38	1.2	3.8	—	pCi/L	U	U	08-388	CAPA-08-9288	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.335	1.5	4.9	—	pCi/L	U	U	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.57	1.6	5	—	pCi/L	U	U	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.669	1.6	5.3	—	pCi/L	U	U	08-1326	CAPA-08-13058	GELC
Anderson Spring	—	—	3/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.36	1.3	3.9	—	pCi/L	U	U	08-779	CAPA-08-10969	GELC
Anderson Spring	—	—	12/10/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.891	1.2	4.2	—	pCi/L	U	U	08-388	CAPA-08-9287	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.943	1.5	5.2	—	pCi/L	U	U	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.17	1.3	4.8	—	pCi/L	U	U	08-1326	CAPA-08-13060	GELC
Anderson Spring	—	—	3/10/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.556	1.3	4.1	—	pCi/L	U	U	08-779	CAPA-08-10968	GELC
Anderson Spring	—	—	12/10/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.25	1.1	2.8	—	pCi/L	U	U	08-388	CAPA-08-9288	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.31	1.5	4.6	—	pCi/L	U	U	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.905	1.1	4	—	pCi/L	U	U	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.04	1.3	4	—	pCi/L	U	U	08-1326	CAPA-08-13058	GELC
Anderson Spring	—	—	3/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.855	1.2	3.6	—	pCi/L	U	U	08-779	CAPA-08-10969	GELC
Anderson Spring	—	—	12/10/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.185	1.1	3.6	—	pCi/L	U	U	08-388	CAPA-08-9287	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.61	0.9	2.7	—	pCi/L	U	U	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/11/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.52	0.412	1.02	—	pCi/L	—	J	196450	GF07090GANDS01	GELC
Anderson Spring	—	—	9/11/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	45	4.22	2.59	—	pCi/L	—	R	193615	GF07090GANDS01	GELC
Anderson Spring	—	—	7/6/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.67	1.22	3.56	—	pCi/L	—	J	189252	GF07060GANDS01	GELC
Anderson Spring	—	—	3/27/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.81	0.938	2.72	—	pCi/L	—	J	183217	GF07030GANDS01	GELC
Anderson Spring	—	—	12/11/2006	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.02	0.916	2.64	—	pCi/L	—	J	177654	GF06120GANDS01	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.45	1.1	2.8	—	pCi/L	—	—	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/11/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.02	0.434	0.965	—	pCi/L	—	—	196450	GU07090GANDS01	GELC
Anderson Spring	—	—	9/11/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	6.25	1.13	2.64	—	pCi/L	—	R	193615	GU07090GANDS01	GELC
Anderson Spring	—	—	7/6/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.43	1.15	3.34	—	pCi/L	—	J	189252	GU07060GANDS01	GELC
Anderson Spring	—	—	3/27/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.18	0.945	2.88	—	pCi/L	—	J	183217	GU07030GANDS01	GELC
Anderson Spring	—	—	12/11/2006	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.11	0.94	2.62	—	pCi/L	—	J	177654	GU06120GANDS01	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	8.23	18	30	—	pCi/L	U	U	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	90.3	85	250	—	pCi/L	U	U	08-1326	CAPA-08-13060	GELC
Anderson Spring	—	—	3/10/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	42.3	40	120	—	pCi/L	U	U	08-779	CAPA-08-10968	GELC
Anderson Spring	—	—	12/10/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	85.1	57	270	—	pCi/L	U	U	08-388	CAPA-08-9288	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	102	67	96	—	pCi/L	—	U	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	5.59	4	10	—	pCi/L	U	U	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	80	71	260	—	pCi/L	U	U	08-1326	CAPA-08-13058	GELC
Anderson Spring	—	—	3/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	110	82	320	—	pCi/L	U	U	08-779	CAPA-08-10969	GELC
Anderson Spring	—	—	12/10/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	125	110	280	—	pCi/L	U	U	08-388	CAPA-08-9287	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.05	13	35	—	pCi/L	U	U	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.07	9.8	31	—	pCi/L	U	U	08-1326	CAPA-08-13060	GELC
Anderson Spring	—	—	3/10/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.97	8.3	28	—	pCi/L	U	U	08-779	CAPA-08-10968	GELC
Anderson Spring	—	—	12/10/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-22	11	33	—	pCi/L	U	U	08-388	CAPA-08-9288	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	19.6	11	38	—	pCi/L	U	U	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.54	10	32	—	pCi/L	U	U	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16.2	7.3	21	—	pCi/L	U	U	08-1326	CAPA-08-13058	GELC
Anderson Spring	—	—	3/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-25.3	12	35	—	pCi/L	U	U	08-779	CAPA-08-10969	GELC
Anderson Spring	—	—	12/10/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.87	9.9	31	—	pCi/L	U	U	08-388	CAPA-08-9287	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0018	0.027	—	pCi/L	U	U	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0062	0.023	—	pCi/L	U	U	08-1326	CAPA-08-13060	GELC
Anderson Spring	—	—	3/10/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0113	0.011	0.044	—	pCi/L	U	U	08-779	CAPA-08-10968	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
Anderson Spring	—	—	12/10/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00342	0.0048	0.03	—	pCi/L	U	U	08-388	CAPA-08-9288	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00313	0.0054	0.052	—	pCi/L	U	U	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00914	0.0061	0.028	—	pCi/L	U	U	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00704	0.0071	0.021	—	pCi/L	U	U	08-1326	CAPA-08-13058	GELC
Anderson Spring	—	—	3/10/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0188	0.011	0.061	—	pCi/L	U	U	08-779	CAPA-08-10969	GELC
Anderson Spring	—	—	12/10/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00598	0.0045	0.035	—	pCi/L	U	U	08-388	CAPA-08-9287	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00175	0.003	0.03	—	pCi/L	U	U	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0137	0.0052	0.032	—	pCi/L	U	U	08-1326	CAPA-08-13060	GELC
Anderson Spring	—	—	3/10/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0113	0.0093	0.046	—	pCi/L	U	U	08-779	CAPA-08-10968	GELC
Anderson Spring	—	—	12/10/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00342	0.0048	0.029	—	pCi/L	U	U	08-388	CAPA-08-9288	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00938	0.0083	0.051	—	pCi/L	U	U	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00183	0.0061	0.031	—	pCi/L	U	U	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00176	0.0031	0.029	—	pCi/L	U	U	08-1326	CAPA-08-13058	GELC
Anderson Spring	—	—	3/10/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00942	0.011	0.064	—	pCi/L	U	U	08-779	CAPA-08-10969	GELC
Anderson Spring	—	—	12/10/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00598	0.0053	0.034	—	pCi/L	U	U	08-388	CAPA-08-9287	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	27.2	22	35	—	pCi/L	U	U	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	42	14	56	—	pCi/L	U	U	08-1326	CAPA-08-13060	GELC
Anderson Spring	—	—	3/10/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.46	16	59	—	pCi/L	U	U	08-779	CAPA-08-10968	GELC
Anderson Spring	—	—	12/10/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	7.45	17	55	—	pCi/L	U	U	08-388	CAPA-08-9288	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.4	20	64	—	pCi/L	U	U	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-5.32	15	52	—	pCi/L	U	U	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.58	15	51	—	pCi/L	U	U	08-1326	CAPA-08-13058	GELC
Anderson Spring	—	—	3/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	27.8	18	25	—	pCi/L	UI	R	08-779	CAPA-08-10969	GELC
Anderson Spring	—	—	12/10/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	32.4	15	50	—	pCi/L	U	U	08-388	CAPA-08-9287	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.39	1.3	4.7	—	pCi/L	U	U	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.64	1.3	3.8	—	pCi/L	U	U	08-1326	CAPA-08-13060	GELC
Anderson Spring	—	—	3/10/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.249	0.83	2.8	—	pCi/L	U	U	08-779	CAPA-08-10968	GELC
Anderson Spring	—	—	12/10/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.807	1.5	3.9	—	pCi/L	U	U	08-388	CAPA-08-9288	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.505	1.7	5.4	—	pCi/L	U	U	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.785	1.2	3.7	—	pCi/L	U	U	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.7	1.5	4.1	—	pCi/L	U	U	08-1326	CAPA-08-13058	GELC
Anderson Spring	—	—	3/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.22	1.3	4	—	pCi/L	U	U	08-779	CAPA-08-10969	GELC
Anderson Spring	—	—	12/10/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.356	1.1	3.6	—	pCi/L	U	U	08-388	CAPA-08-9287	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.064	0.12	0.42	—	pCi/L	U	U	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.03	0.11	0.41	—	pCi/L	U	U	08-1326	CAPA-08-13060	GELC
Anderson Spring	—	—	3/10/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.228	0.15	0.49	—	pCi/L	U	U	08-779	CAPA-08-10968	GELC
Anderson Spring	—	—	12/10/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.108	0.065	0.21	—	pCi/L	U	U	08-388	CAPA-08-9288	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.173	0.12	0.41	—	pCi/L	U	U	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0227	0.085	0.29	—	pCi/L	U	U	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0602	0.11	0.42	—	pCi/L	U	U	08-1326	CAPA-08-13058	GELC
Anderson Spring	—	—	3/10/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.122	0.12	0.47	—	pCi/L	U	U	08-779	CAPA-08-10969	GELC
Anderson Spring	—	—	12/10/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.104	0.087	0.3	—	pCi/L	U	U	08-388	CAPA-08-9287	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.0234	0.011	0.077	—	pCi/L	U	U	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	-0.00179	0.0028	0.097	—	pCi/L	U	U	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0106	0.0068	0.046	—	pCi/L	U	U	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.79825	0.28737	0.28737	—	pCi/L	—	U	09-3246	CAPA-09-12103	UMTL
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	3.943355	1.037725	2.646997	—	pCi/L	—	U	08-1935	CAPA-08-14916	ARSL
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	2.2351	0.28737	0.28737	—	pCi/L	—	—	08-1327	CAPA-08-13058	UMTL
Anderson Spring	—	—	3/10/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	17.65729	5.84319	3.67195	—	pCi/L	—	—	08-792	CAPA-08-10969	ARSL
Anderson Spring	—	—	12/10/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	44.702	1.5965	0.28737	—	pCi/L	—	—	08-386	CAPA-08-9287	UMTL
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0965	0.016	0.063	—	pCi/L	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.242	0.04	0.16	—	pCi/L	—	—	08-1326	CAPA-08-13060	GELC
Anderson Spring	—	—	3/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.1	0.017	0.082	—	pCi/L	—	—	08-779	CAPA-08-10968	GELC
Anderson Spring	—	—	12/10/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.11	0.023	0.082	—	pCi/L	—	—	08-388	CAPA-08-9288	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.245	0.035	0.13	—	pCi/L	—	—	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.111	0.026	0.15	—	pCi/L	U	U	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.292	0.043	0.16	—	pCi/L	—	—	08-1326	CAPA-08-13058	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
Anderson Spring	—	—	3/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.106	0.018	0.082	—	pCi/L	—	—	08-779	CAPA-08-10969	GELC
Anderson Spring	—	—	12/10/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.202	0.025	0.075	—	pCi/L	—	—	08-388	CAPA-08-9287	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0158	0.006	0.033	—	pCi/L	U	U	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0332	0.018	0.083	—	pCi/L	U	U	08-1326	CAPA-08-13060	GELC
Anderson Spring	—	—	3/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.0041	0.042	—	pCi/L	U	U	08-779	CAPA-08-10968	GELC
Anderson Spring	—	—	12/10/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00604	0.0074	0.042	—	pCi/L	U	U	08-388	CAPA-08-9288	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00889	0.0089	0.065	—	pCi/L	U	U	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0109	0.011	0.081	—	pCi/L	U	U	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00565	0.0098	0.085	—	pCi/L	U	U	08-1326	CAPA-08-13058	GELC
Anderson Spring	—	—	3/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.0058	0.042	—	pCi/L	U	U	08-779	CAPA-08-10969	GELC
Anderson Spring	—	—	12/10/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0165	0.0087	0.038	—	pCi/L	U	U	08-388	CAPA-08-9287	GELC
Anderson Spring	—	—	9/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0583	0.011	0.033	—	pCi/L	—	—	08-1912	CAPA-08-14915	GELC
Anderson Spring	—	—	6/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.237	0.038	0.098	—	pCi/L	—	—	08-1326	CAPA-08-13060	GELC
Anderson Spring	—	—	3/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0957	0.017	0.054	—	pCi/L	—	—	08-779	CAPA-08-10968	GELC
Anderson Spring	—	—	12/10/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.103	0.019	0.051	—	pCi/L	—	—	08-388	CAPA-08-9288	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.162	0.028	0.078	—	pCi/L	—	—	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0663	0.023	0.08	—	pCi/L	U	U	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.242	0.038	0.1	—	pCi/L	—	—	08-1326	CAPA-08-13058	GELC
Anderson Spring	—	—	3/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0612	0.015	0.054	—	pCi/L	—	—	08-779	CAPA-08-10969	GELC
Anderson Spring	—	—	12/10/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.16	0.022	0.046	—	pCi/L	—	—	08-388	CAPA-08-9287	GELC
Anderson Spring	—	—	9/15/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.391	—	—	0.25	ug/L	J	J	09-3245	CAPA-09-12103	GELC
Anderson Spring	—	—	9/10/2008	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.707	—	—	0.25	ug/L	J	J	08-1912	CAPA-08-14916	GELC
Anderson Spring	—	—	6/10/2008	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.393	—	—	0.25	ug/L	J	J	08-1324	CAPA-08-13058	GELC
Anderson Spring	—	—	3/10/2008	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	—	0.492	—	—	0.25	ug/L	J	J	08-779	CAPA-08-10969	GELC
Anderson Spring	—	—	12/10/2007	WG	UF	CS	—	Voa	SW-846:8260B	Chloroform	<	1	—	—	0.25	ug/L	U	U	08-388	CAPA-08-9287	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.4	—	—	0.73	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.6	—	—	0.73	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	77.4	—	—	0.73	mg/L	—	—	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71.7	—	—	0.73	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.7	—	—	0.73	mg/L	—	—	08-1325	CAPA-08-13069	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	0.05	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	0.03	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.4	—	—	0.03	mg/L	—	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.4	—	—	0.03	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	0.05	mg/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	3/6/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	0.03	mg/L	—	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.3	—	—	0.03	mg/L	—	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.4	—	—	0.03	mg/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.8	—	—	0.066	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	24.9	—	—	0.13	mg/L	—	J+	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.1	—	—	0.066	mg/L	—	J-	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20.4	—	—	0.13	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	15.2	—	—	0.066	mg/L	—	—	08-1325	CAPA-08-13069	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.362	—	—	0.033	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.28	—	—	0.033	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.309	—	—	0.033	mg/L	—	—	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.252	—	—	0.033	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.238	—	—	0.033	mg/L	—	—	08-1325	CAPA-08-13069	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	78.5	—	—	0.35	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	79	—	—	0.35	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73.6	—	—	0.35	mg/L	—	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	70.4	—	—	0.35	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	77.5	—	—	0.35	mg/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	3/6/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	80.6	—	—	0.35	mg/L	—	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.5	—	—	0.35	mg/L	—	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.3	—	—	0.35	mg/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.92	—	—	0.085	mg/L	—	—	09-3236	CAPA-09-12111	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
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.95	—	—	0.085	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.51	—	—	0.085	mg/L	—	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.34	—	—	0.085	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.83	—	—	0.085	mg/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	3/6/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.11	—	—	0.085	mg/L	—	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.54	—	—	0.085	mg/L	—	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.58	—	—	0.085	mg/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.09	—	—	0.05	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.3	—	—	0.05	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.26	—	—	0.05	mg/L	—	—	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.03	—	—	0.05	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.1	—	—	0.05	mg/L	—	—	08-1325	CAPA-08-13069	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.846	—	—	0.05	ug/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.884	—	—	0.05	ug/L	—	J	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.947	—	—	0.05	ug/L	—	—	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.754	—	—	0.05	ug/L	—	J+	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.663	—	—	0.05	ug/L	—	J+	08-1325	CAPA-08-13069	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.12	—	—	0.05	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.25	—	—	0.05	mg/L	E	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.99	—	—	0.05	mg/L	—	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.21	—	—	0.05	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.09	—	—	0.05	mg/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	3/6/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.46	—	—	0.05	mg/L	E	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.81	—	—	0.05	mg/L	—	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.32	—	—	0.05	mg/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.5	—	—	0.1	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.3	—	—	0.045	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.1	—	—	0.045	mg/L	—	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.6	—	—	0.045	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.7	—	—	0.1	mg/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	3/6/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.4	—	—	0.045	mg/L	—	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.5	—	—	0.045	mg/L	—	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.4	—	—	0.045	mg/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	273	—	—	1	uS/cm	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	269	—	—	1	uS/cm	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	258	—	—	1	uS/cm	—	—	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14.6	—	—	0.1	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.3	—	—	0.1	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.8	—	—	0.1	mg/L	—	J-	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.7	—	—	0.1	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.3	—	—	0.1	mg/L	—	—	08-1325	CAPA-08-13069	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	176	—	—	2.4	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	193	—	—	2.4	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	183	—	—	2.4	mg/L	—	—	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	163	—	—	2.4	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	155	—	—	2.4	mg/L	—	J	08-1325	CAPA-08-13069	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.299	—	—	0.033	mg/L	—	—	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	3/6/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.168	—	—	0.029	mg/L	—	U	09-1140	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.092	—	—	0.029	mg/L	J	J+	09-484	CAPA-09-1106	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	U	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	6/10/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.084	—	—	0.029	mg/L	J	U	08-1324	CAPA-08-13071	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.84	—	—	0.33	mg/L	—	—	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	3/6/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.92	—	—	0.33	mg/L	—	J	09-1140	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.59	—	—	0.33	mg/L	—	—	09-484	CAPA-09-1106	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.72	—	—	0.33	mg/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	6/10/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.87	—	—	0.33	mg/L	—	—	08-1324	CAPA-08-13071	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.39	—	—	0.01	SU	H	J-	09-3236	CAPA-09-12111	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
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.69	—	—	0.01	SU	H	J-	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.8	—	—	0.01	SU	H	J-	09-484	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.237	—	—	0.1	ug/L	J	J	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	6/3/2009	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.137	—	—	0.13	ug/L	J	J	09-2165	CAPA-09-9307	GELC
Bulldog Spring	—	—	3/6/2009	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.213	—	—	0.13	ug/L	J	J	09-1140	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/2008	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.255	—	—	0.13	ug/L	J	J	09-486	CAPA-09-1106	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Hexp	SW-846:8321	Amino-2,6-dinitrotoluene[4-]	—	0.161	—	—	0.13	ug/L	J	J	08-1931	CAPA-08-14928	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.132	—	—	0.1	ug/L	J	J	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	6/3/2009	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	<	0.325	—	—	0.12	ug/L	U	U	09-2165	CAPA-09-9307	GELC
Bulldog Spring	—	—	3/6/2009	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.156	—	—	0.12	ug/L	J	J	09-1140	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/2008	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	—	0.129	—	—	0.12	ug/L	J	J	09-486	CAPA-09-1106	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Hexp	SW-846:8321	Amino-4,6-dinitrotoluene[2-]	<	0.325	—	—	0.12	ug/L	U	U	08-1931	CAPA-08-14928	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	3.88	—	—	0.1	ug/L	—	—	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	6/3/2009	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	2.04	—	—	0.1	ug/L	—	—	09-2165	CAPA-09-9307	GELC
Bulldog Spring	—	—	3/6/2009	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	5.06	—	—	0.1	ug/L	—	J	09-1140	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/2008	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	5.75	—	—	0.1	ug/L	—	—	09-486	CAPA-09-1106	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	4.76	—	—	0.1	ug/L	—	—	08-1931	CAPA-08-14928	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	4.88	—	—	0.1	ug/L	—	—	09-3235	CAPA-09-12112	GELC
Bulldog Spring	—	—	6/3/2009	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	2.73	—	—	0.13	ug/L	—	—	09-2165	CAPA-09-9307	GELC
Bulldog Spring	—	—	3/6/2009	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	5.47	—	—	0.13	ug/L	—	—	09-1140	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/2008	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	6.88	—	—	0.13	ug/L	—	—	09-486	CAPA-09-1106	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	4.59	—	—	0.13	ug/L	—	—	08-1931	CAPA-08-14928	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	246	—	—	68	ug/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	781	—	—	68	ug/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	149	—	—	68	ug/L	J	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	95	—	—	68	ug/L	J	J	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	265	—	—	68	ug/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2570	—	—	68	ug/L	—	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	201	—	—	68	ug/L	—	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1180	—	—	68	ug/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	78.7	—	—	1	ug/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	77.8	—	—	1	ug/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	68	—	—	1	ug/L	—	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	69.1	—	—	1	ug/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	77.8	—	—	1	ug/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	85.4	—	—	1	ug/L	—	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	69	—	—	1	ug/L	—	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	73.6	—	—	1	ug/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	154	—	—	30	ug/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	381	—	—	25	ug/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	77.2	—	—	25	ug/L	J	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	57.9	—	—	25	ug/L	J	U	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	142	—	—	30	ug/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1330	—	—	25	ug/L	—	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	99.9	—	—	25	ug/L	J	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	604	—	—	25	ug/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.77	—	—	0.5	ug/L	J	J	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.75	—	—	0.5	ug/L	J	J	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.52	—	—	0.5	ug/L	J	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.91	—	—	0.5	ug/L	J	J	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.673	—	—	0.5	ug/L	J	J	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	3/6/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	0.5	ug/L	J	J	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.55	—	—	0.5	ug/L	J	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.93	—	—	0.5	ug/L	J	J	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.2	—	—	0.053	mg/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	48.6	—	—	0.032	mg/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	47.3	—	—	0.032	mg/L	—	—	09-484	CAPA-09-1107	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
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	41.1	—	—	0.032	mg/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.9	—	—	0.032	mg/L	—	—	08-1325	CAPA-08-13069	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	131	—	—	1	ug/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	127	—	—	1	ug/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	118	—	—	1	ug/L	—	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	116	—	—	1	ug/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	130	—	—	1	ug/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	129	—	—	1	ug/L	—	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	116	—	—	1	ug/L	—	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	116	—	—	1	ug/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.517	—	—	0.05	ug/L	—	—	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.38	—	—	0.05	ug/L	—	—	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.53	—	—	0.05	ug/L	—	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.22	—	—	0.05	ug/L	—	—	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.517	—	—	0.05	ug/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	3/6/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.48	—	—	0.05	ug/L	—	—	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.55	—	—	0.05	ug/L	—	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.29	—	—	0.05	ug/L	—	—	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.2	—	—	1	ug/L	J	J	09-3236	CAPA-09-12111	GELC
Bulldog Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.2	—	—	1	ug/L	J	J	09-1141	CAPA-09-4089	GELC
Bulldog Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.4	—	—	1	ug/L	J	—	09-485	CAPA-09-1107	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.9	—	—	1	ug/L	J	J	08-1932	CAPA-08-14927	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.3	—	—	1	ug/L	J	J	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.8	—	—	1	ug/L	J	J	09-1141	CAPA-09-4090	GELC
Bulldog Spring	—	—	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.2	—	—	1	ug/L	J	—	09-485	CAPA-09-1106	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3	—	—	1	ug/L	J	J	08-1932	CAPA-08-14928	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0149	0.0091	0.029	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00465	0.0062	0.027	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00106	0.0048	0.041	—	pCi/L	U	U	08-789	CAPA-08-10975	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0229	0.0086	0.03	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00959	0.01	0.042	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0126	0.0049	0.036	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00318	0.0026	0.041	—	pCi/L	U	U	08-789	CAPA-08-10974	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.642	1.2	3.7	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.025	1.3	4.2	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.39	1.3	3.6	—	pCi/L	U	U	08-789	CAPA-08-10975	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.16	1.6	5.1	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.82	1.9	5.8	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.85	1.4	4.1	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0103	0.9	2.9	—	pCi/L	U	U	08-789	CAPA-08-10974	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.33	1.3	3.6	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0522	1.2	3.9	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.26	1	2.9	—	pCi/L	U	U	08-789	CAPA-08-10975	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.44	1.5	5.2	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.3	1.5	5.9	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.41	1.3	4.7	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.819	0.99	3.1	—	pCi/L	U	U	08-789	CAPA-08-10974	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.32	0.78	2.3	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/4/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.04	0.79	2.36	—	pCi/L	U	U	193122	GF070800GSLB01	GELC
Bulldog Spring	—	—	7/10/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.42	0.977	2.8	—	pCi/L	—	J	189433	GF070600GSLB01	GELC
Bulldog Spring	—	—	3/26/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.65	0.947	2.8	—	pCi/L	—	J	183217	GF070300GSLB01	GELC
Bulldog Spring	—	—	12/7/2006	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.95	0.871	2.67	—	pCi/L	—	J	177502	GF061200GSLB01	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.23	0.98	3	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/4/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.83	1.05	2.15	—	pCi/L	—	J	193122	GU070800GSLB01	GELC
Bulldog Spring	—	—	7/10/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.19	0.926	2.89	—	pCi/L	U	U	189433	GU070600GSLB01	GELC
Bulldog Spring	—	—	3/26/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	8	1.13	2.86	—	pCi/L	—	J	183217	GU070300GSLB01	GELC
Bulldog Spring	—	—	12/7/2006	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.79	0.768	2.28	—	pCi/L	—	J	177502	GU061200GSLB01	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
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	8.07	11	18	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	54.3	41	220	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	128	87	360	—	pCi/L	U	U	08-789	CAPA-08-10975	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	45.6	27	58	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15.1	13	18	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	64.9	79	210	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	83.5	52	300	—	pCi/L	U	U	08-789	CAPA-08-10974	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.11	11	35	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14	9.6	27	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-17.3	9.8	29	—	pCi/L	U	U	08-789	CAPA-08-10975	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.9	11	39	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.3	11	35	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	17.7	9.6	33	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.35	6.5	21	—	pCi/L	U	U	08-789	CAPA-08-10974	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00406	0.0029	0.028	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00466	0.0035	0.019	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0034	0.0059	0.031	—	pCi/L	U	U	08-789	CAPA-08-10975	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0066	0.0044	0.037	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0023	0.032	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0011	0.0046	0.023	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00174	0.0018	0.032	—	pCi/L	U	U	08-789	CAPA-08-10974	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00203	0.0054	0.035	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00155	0.0035	0.025	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0034	0.0054	0.03	—	pCi/L	U	U	08-789	CAPA-08-10975	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0022	0.036	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00676	0.0039	0.038	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00632	0.0032	0.032	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00349	0.0025	0.031	—	pCi/L	U	U	08-789	CAPA-08-10974	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-1.93	18	65	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	6.64	15	24	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	4.19	17	40	—	pCi/L	U	U	08-789	CAPA-08-10975	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	6.25	19	67	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	19.5	14	53	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	54.2	16	46	—	pCi/L	UI	R	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-21.7	14	43	—	pCi/L	U	U	08-789	CAPA-08-10974	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.504	1.2	4	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.17	1.2	4.4	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.528	1.1	3.7	—	pCi/L	U	U	08-789	CAPA-08-10975	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.99	1.2	4.5	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.02	1.4	4.5	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.344	1.3	4.3	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.322	0.93	3.1	—	pCi/L	U	U	08-789	CAPA-08-10974	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.123	0.15	0.5	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.258	0.13	0.41	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.264	0.15	0.49	—	pCi/L	U	U	08-789	CAPA-08-10975	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.107	0.12	0.4	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.271	0.16	0.52	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0787	0.11	0.45	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.262	0.13	0.48	—	pCi/L	U	U	08-789	CAPA-08-10974	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.0119	0.011	0.061	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0138	0.0078	0.078	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00174	0.0022	0.037	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	51.7266	1.5965	0.28737	—	pCi/L	—	—	09-3246	CAPA-09-12112	UMTL
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	48.198335	7.379023	2.781103	—	pCi/L	—	U	08-1935	CAPA-08-14928	ARSL
Bulldog Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	56.8354	1.9158	0.28737	—	pCi/L	—	—	08-1327	CAPA-08-13071	UMTL
Bulldog Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	35.28265	10.72848	2.96949	—	pCi/L	—	—	08-788	CAPA-08-10974	ARSL
Bulldog Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	77.9092	2.5544	0.28737	—	pCi/L	—	—	08-305	CAPA-08-9215	UMTL

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
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.187	0.048	0.24	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.116	0.028	0.21	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.139	0.018	0.059	—	pCi/L	—	—	08-789	CAPA-08-10975	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.267	0.032	0.083	—	pCi/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.201	0.04	0.19	—	pCi/L	—	—	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.132	0.028	0.15	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.214	0.023	0.061	—	pCi/L	—	—	08-789	CAPA-08-10974	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00857	0.023	0.13	—	pCi/L	U	U	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00717	0.01	0.11	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00619	0.0046	0.03	—	pCi/L	U	U	08-789	CAPA-08-10975	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00864	0.012	0.042	—	pCi/L	U	U	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0134	0.012	0.1	—	pCi/L	U	U	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.01	0.077	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00646	0.0038	0.031	—	pCi/L	U	U	08-789	CAPA-08-10974	GELC
Bulldog Spring	—	—	9/12/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.201	0.042	0.13	—	pCi/L	—	—	08-1933	CAPA-08-14927	GELC
Bulldog Spring	—	—	6/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0464	0.02	0.13	—	pCi/L	U	U	08-1326	CAPA-08-13069	GELC
Bulldog Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0718	0.012	0.038	—	pCi/L	—	—	08-789	CAPA-08-10975	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.226	0.03	0.05	—	pCi/L	—	—	09-3236	CAPA-09-12112	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.157	0.032	0.098	—	pCi/L	—	—	08-1933	CAPA-08-14928	GELC
Bulldog Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0828	0.022	0.091	—	pCi/L	U	U	08-1326	CAPA-08-13071	GELC
Bulldog Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.167	0.02	0.04	—	pCi/L	—	—	08-789	CAPA-08-10974	GELC
Bulldog Spring	—	—	9/15/2009	WG	UF	CS	FTB	Voa	SW-846:8260B	Acetone	—	5.16	—	—	3.5	ug/L	J	J	09-3235	CAPA-09-12113	GELC
Bulldog Spring	—	—	9/12/2008	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.5	ug/L	UH	UJ	08-1931	CAPA-08-14928	GELC
Bulldog Spring	—	—	6/10/2008	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.3	ug/L	U	UJ	08-1324	CAPA-08-13071	GELC
Bulldog Spring	—	—	3/11/2008	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.3	ug/L	U	U	08-789	CAPA-08-10974	GELC
Bulldog Spring	—	—	12/3/2007	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	1.69	—	—	1.3	ug/L	HJ	U	08-306	CAPA-08-9215	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	EQB	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	—	0.00000277	—	—	0.00000277	ug/L	J	J	09-2897	CAMO-09-9482	ALTC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	<	0.0000063	—	—	0.0000063	ug/L	J	R	08-1224	CAMO-08-12721	ALTC
CDBO-6	5281	34	2/27/2007	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	<	0.00000561	—	—	0.00000561	ug/L	J	UJ	28750	AU070200G6DC01	ALTC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.2	—	—	0.73	mg/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	5/6/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.2	—	—	0.73	mg/L	—	—	09-1768	CAMO-09-8141	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58	—	—	0.73	mg/L	—	—	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.7	—	—	0.05	mg/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.5	—	—	0.03	mg/L	—	—	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.9	—	—	0.03	mg/L	—	—	09-303	CAMO-09-754	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.3	—	—	0.03	mg/L	—	—	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.9	—	—	0.03	mg/L	—	—	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.2	—	—	0.05	mg/L	—	—	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	0.03	mg/L	—	—	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.8	—	—	0.03	mg/L	—	—	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.6	—	—	0.03	mg/L	—	—	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15	—	—	0.03	mg/L	—	—	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	22.9	—	—	0.13	mg/L	—	J+	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	5/6/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	22.6	—	—	0.13	mg/L	—	—	09-1768	CAMO-09-8141	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	23.4	—	—	0.13	mg/L	—	—	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.34	—	—	0.033	mg/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	5/6/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.209	—	—	0.033	mg/L	—	—	09-1768	CAMO-09-8141	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.233	—	—	0.033	mg/L	—	—	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54.5	—	—	0.35	mg/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	56.4	—	—	0.35	mg/L	—	—	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	54.8	—	—	0.35	mg/L	—	—	09-303	CAMO-09-754	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	49.2	—	—	0.35	mg/L	—	—	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.3	—	—	0.35	mg/L	—	—	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.1	—	—	0.35	mg/L	—	—	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.6	—	—	0.35	mg/L	—	—	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.4	—	—	0.35	mg/L	—	—	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50.7	—	—	0.35	mg/L	—	—	08-1704	CAMO-08-14436	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
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	53.4	—	—	0.35	mg/L	—	—	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.69	—	—	0.085	mg/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.71	—	—	0.085	mg/L	—	—	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.67	—	—	0.085	mg/L	—	—	09-303	CAMO-09-754	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.26	—	—	0.085	mg/L	—	—	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.06	—	—	0.085	mg/L	—	—	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.17	—	—	0.085	mg/L	—	—	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.66	—	—	0.085	mg/L	—	—	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.98	—	—	0.085	mg/L	—	—	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.44	—	—	0.085	mg/L	—	—	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.9	—	—	0.085	mg/L	—	—	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.302	—	—	0.05	ug/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	5/6/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.322	—	—	0.05	ug/L	—	—	09-1768	CAMO-09-8141	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.305	—	—	0.05	ug/L	—	J	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.95	—	—	0.05	mg/L	E	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.08	—	—	0.05	mg/L	—	—	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.03	—	—	0.05	mg/L	—	—	09-303	CAMO-09-754	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.96	—	—	0.05	mg/L	—	—	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.8	—	—	0.05	mg/L	—	—	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.84	—	—	0.05	mg/L	E	—	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.07	—	—	0.05	mg/L	—	—	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.3	—	—	0.05	mg/L	—	—	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.32	—	—	0.05	mg/L	—	—	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.91	—	—	0.05	mg/L	—	—	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.7	—	—	0.1	mg/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.2	—	—	0.045	mg/L	—	—	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.4	—	—	0.045	mg/L	—	—	09-303	CAMO-09-754	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.7	—	—	0.045	mg/L	—	—	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	22	—	—	0.045	mg/L	—	—	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.1	—	—	0.1	mg/L	—	—	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.4	—	—	0.045	mg/L	—	—	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	22	—	—	0.045	mg/L	—	—	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.2	—	—	0.045	mg/L	—	—	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.1	—	—	0.045	mg/L	—	—	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	221	—	—	1	uS/cm	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	5/6/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	208	—	—	1	uS/cm	—	—	09-1768	CAMO-09-8141	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	219	—	—	1	uS/cm	—	—	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.96	—	—	0.1	mg/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	5/6/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.7	—	—	0.1	mg/L	—	—	09-1768	CAMO-09-8141	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.5	—	—	0.1	mg/L	—	—	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	189	—	—	2.4	mg/L	—	J	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	5/6/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	181	—	—	2.4	mg/L	—	—	09-1768	CAMO-09-8141	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	173	—	—	2.4	mg/L	—	J	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.44	—	—	0.33	mg/L	—	—	09-2898	CAMO-09-9478	GELC
CDBO-6	5281	34	5/6/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.91	—	—	0.33	mg/L	—	—	09-1767	CAMO-09-8140	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.34	—	—	0.33	mg/L	—	—	09-883	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.27	—	—	0.33	mg/L	—	—	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.04	—	—	0.33	mg/L	—	—	08-1703	CAMO-08-14436	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.224	—	—	0.015	mg/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	5/6/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.173	—	—	0.015	mg/L	—	J-	09-1768	CAMO-09-8141	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.197	—	—	0.024	mg/L	—	J	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.85	—	—	0.01	SU	H	J-	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	5/6/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.85	—	—	0.01	SU	H	J-	09-1768	CAMO-09-8141	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.89	—	—	0.01	SU	H	J-	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	230	—	—	68	ug/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	247	—	—	68	ug/L	—	—	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	150	—	—	68	ug/L	J	J	09-303	CAMO-09-754	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
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	155	—	—	68	ug/L	J	J	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	278	—	—	68	ug/L	—	—	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3530	—	—	68	ug/L	—	—	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	697	—	—	68	ug/L	—	—	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1110	—	—	68	ug/L	—	—	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1710	—	—	68	ug/L	—	—	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	5740	—	—	68	ug/L	—	—	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	3.2	—	—	1.5	ug/L	J	U	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-303	CAMO-09-754	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.8	—	—	1.5	ug/L	J	J	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.76	—	—	1.5	ug/L	J	J	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	4.9	—	—	1.5	ug/L	J	U	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	88.4	—	—	1	ug/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	99.2	—	—	1	ug/L	—	—	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	88.9	—	—	1	ug/L	—	—	09-303	CAMO-09-754	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	87.2	—	—	1	ug/L	—	—	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	89.3	—	—	1	ug/L	—	—	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	107	—	—	1	ug/L	—	—	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	98.2	—	—	1	ug/L	—	—	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	103	—	—	1	ug/L	—	—	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	99.7	—	—	1	ug/L	—	—	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	124	—	—	1	ug/L	—	—	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	31.5	—	—	15	ug/L	J	J	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	25	—	—	10	ug/L	J	J	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	33.2	—	—	10	ug/L	J	J	09-303	CAMO-09-754	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	35.9	—	—	10	ug/L	J	J	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	32.6	—	—	10	ug/L	J	J	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	34.4	—	—	15	ug/L	J	J	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	23.2	—	—	10	ug/L	J	J	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	34.8	—	—	10	ug/L	J	J	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	39.5	—	—	10	ug/L	J	J	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	34.7	—	—	10	ug/L	J	J	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-303	CAMO-09-754	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	50	—	—	13	ug/L	U	U	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.99	—	—	2.5	ug/L	J	J	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.6	—	—	1.5	ug/L	J	J	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	1.5	ug/L	—	—	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	50	—	—	13	ug/L	U	U	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	97.1	—	—	30	ug/L	J	J	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	122	—	—	25	ug/L	—	—	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	50	—	—	25	ug/L	J	J	09-303	CAMO-09-754	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	83.9	—	—	25	ug/L	J	J	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	137	—	—	25	ug/L	—	—	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1890	—	—	30	ug/L	—	—	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	350	—	—	25	ug/L	—	—	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	542	—	—	25	ug/L	—	—	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	914	—	—	25	ug/L	—	—	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	3090	—	—	25	ug/L	—	—	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-303	CAMO-09-754	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
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	2.28	—	—	0.5	ug/L	—	—	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.78	—	—	0.5	ug/L	J	J	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.76	—	—	0.5	ug/L	J	J	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	3	—	—	0.5	ug/L	—	—	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-303	CAMO-09-754	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	22.5	—	—	2	ug/L	—	—	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.2	—	—	2	ug/L	J	J	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.5	—	—	2	ug/L	J	J	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.2	—	—	2	ug/L	J	J	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	30.7	—	—	2	ug/L	—	—	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.02	—	—	0.5	ug/L	J	J	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	0.5	ug/L	J	J	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	0.5	ug/L	J	J	09-303	CAMO-09-754	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.68	—	—	0.5	ug/L	J	J	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	10	—	—	2.5	ug/L	U	U	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.79	—	—	0.5	ug/L	J	J	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	0.5	ug/L	J	J	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.9	—	—	0.5	ug/L	J	J	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	0.5	ug/L	J	J	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.5	—	—	2.5	ug/L	J	J	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	56.6	—	—	0.053	mg/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	5/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.1	—	—	0.032	mg/L	—	—	09-1768	CAMO-09-8141	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.9	—	—	0.032	mg/L	—	—	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	110	—	—	1	ug/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	110	—	—	1	ug/L	—	—	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	105	—	—	1	ug/L	—	—	09-303	CAMO-09-754	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	92.2	—	—	1	ug/L	—	—	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	87.6	—	—	1	ug/L	—	—	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	121	—	—	1	ug/L	—	—	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	107	—	—	1	ug/L	—	—	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	112	—	—	1	ug/L	—	—	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	95.3	—	—	1	ug/L	—	—	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	97.1	—	—	1	ug/L	—	—	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-303	CAMO-09-754	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.451	—	—	0.3	ug/L	J	J	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.47	—	—	0.3	ug/L	J	J	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.063	—	—	0.05	ug/L	J	J	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.072	—	—	0.05	ug/L	J	J	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	0.05	ug/L	U	U	09-303	CAMO-09-754	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	0.05	ug/L	U	U	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.057	—	—	0.05	ug/L	J	J	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.344	—	—	0.05	ug/L	—	—	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.12	—	—	0.05	ug/L	J	J	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.14	—	—	0.05	ug/L	J	J	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.16	—	—	0.05	ug/L	J	U	08-1704	CAMO-08-14436	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
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.53	—	—	0.05	ug/L	—	—	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.44	—	—	1	ug/L	J	J	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5.8	—	—	1	ug/L	—	U	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.8	—	—	1	ug/L	J	J	09-303	CAMO-09-754	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.7	—	—	1	ug/L	J	J	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.5	—	—	1	ug/L	—	—	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.12	—	—	1	ug/L	—	—	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	6	—	—	1	ug/L	—	U	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.5	—	—	1	ug/L	—	—	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.5	—	—	1	ug/L	—	—	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	11.6	—	—	1	ug/L	—	—	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	8/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	21.7	—	—	3.3	ug/L	—	—	09-2899	CAMO-09-9480	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	15.3	—	—	2	ug/L	—	U	09-884	CAMO-09-2409	GELC
CDBO-6	5281	34	11/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	17.6	—	—	2	ug/L	—	—	09-303	CAMO-09-754	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	137	—	—	2	ug/L	—	—	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.1	—	—	2	ug/L	J	J	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	42.7	—	—	3.3	ug/L	—	—	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	16	—	—	2	ug/L	—	U	09-884	CAMO-09-2410	GELC
CDBO-6	5281	34	11/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	25	—	—	2	ug/L	—	—	09-303	CAMO-09-753	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	185	—	—	2	ug/L	—	—	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.2	—	—	2	ug/L	—	—	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.985	1.4	4.8	—	pCi/L	U	U	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.339	1.2	3.8	—	pCi/L	U	U	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.386	1.6	5.2	—	pCi/L	U	U	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.146	1.4	4.6	—	pCi/L	U	U	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.686	1.3	4.2	—	pCi/L	U	U	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.622	0.98	3.2	—	pCi/L	U	U	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	DUP	—	Rad	EPA:901.1	Cesium-137	<	3.49	1.07	4.3	—	pCi/L	U	—	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	5/1/2001	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.429	0.658	2.17	—	pCi/L	U	U	41670	GU01051G6DC	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0462	1.6	5	—	pCi/L	U	U	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.205	1.1	3.3	—	pCi/L	U	U	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.14	1.5	5.4	—	pCi/L	U	U	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.674	1.1	3.2	—	pCi/L	U	U	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.71	1.6	5.3	—	pCi/L	U	U	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.312	0.891	3.41	—	pCi/L	U	—	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	DUP	—	Rad	EPA:901.1	Cobalt-60	<	1.43	0.926	3.85	—	pCi/L	U	—	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	5/1/2001	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.255	0.646	2.48	—	pCi/L	U	U	41670	GU01051G6DC	GELC
CDBO-6	5281	34	2/11/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.519	0.66	2.6	—	pCi/L	U	U	09-885	CAMO-09-2409	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	6.46	1.8	3.5	—	pCi/L	—	—	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.65	1	2.4	—	pCi/L	—	U	09-885	CAMO-09-2410	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	3.7	1.1	2.3	—	pCi/L	—	—	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	10.7	1.7	3.6	—	pCi/L	—	—	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	8.95	0.97	1.6	—	pCi/L	—	—	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.26	0.615	2.14	—	pCi/L	—	J	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	11/7/2001	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	21.4	1.17	2.8	—	pCi/L	—	—	51777	GB01111G6DC	GELC
CDBO-6	5281	34	5/1/2001	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.72	1.27	3.6	—	pCi/L	—	J	41670	GU01051G6DC	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	7.31	11	21	—	pCi/L	U	U	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	97	69	250	—	pCi/L	U	U	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	104	59	110	—	pCi/L	U	U	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	29.9	17	36	—	pCi/L	U	U	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	113	190	280	—	pCi/L	U	U	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	156	1.72	377	—	pCi/L	U	U	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	DUP	—	Rad	EPA:901.1	Gross gamma	<	158	1.54	304	—	pCi/L	U	—	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.00959	12	33	—	pCi/L	U	U	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.01	8.1	28	—	pCi/L	U	U	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.2	12	39	—	pCi/L	U	U	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-15.3	9.8	31	—	pCi/L	U	U	08-1704	CAMO-08-14436	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
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.8	9.8	30	—	pCi/L	U	U	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	14.4	9.08	27	—	pCi/L	U	—	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	DUP	—	Rad	EPA:901.1	Neptunium-237	<	2.2	8.41	27.8	—	pCi/L	U	—	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	5/1/2001	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.98	5.63	19.4	—	pCi/L	U	U	41670	GU01051G6DC	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	17.5	20	72	—	pCi/L	U	U	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	11.8	19	61	—	pCi/L	U	U	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	10.9	27	49	—	pCi/L	U	U	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.7	19	67	—	pCi/L	U	U	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.3	18	58	—	pCi/L	U	U	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	21.8	11.2	44.9	—	pCi/L	U	U	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	DUP	—	Rad	EPA:901.1	Potassium-40	<	26	10.9	45.3	—	pCi/L	U	—	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	5/1/2001	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	18.1	14.7	19	—	pCi/L	U	U	41670	GU01051G6DC	GELC
CDBO-6	5281	34	5/31/2002	WG	F	CS	—	Rad	EPA:903.1	Radium-226	—	0.502	0.138	0.246	—	pCi/L	—	J	61408	GF02050G6DC01	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.374	0.12	0.32	—	pCi/L	—	—	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.753	0.24	0.55	—	pCi/L	—	—	09-885	CAMO-09-2410	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.254	0.14	0.43	—	pCi/L	U	U	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.428	0.18	0.52	—	pCi/L	U	U	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	41.1	4.65	5.81	—	pCi/L	—	—	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	DUP	—	Rad	EPA:901.1	Radium-226	—	32.7	4.3	5.83	—	pCi/L	—	—	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	5/31/2002	WG	F	CS	—	Rad	EPA:904	Radium-228	<	0.675	0.279	1.01	—	pCi/L	U	U	61408	GF02050G6DC01	GELC
CDBO-6	5281	34	5/31/2002	WG	F	DUP	—	Rad	EPA:904	Radium-228	<	0.716	0.238	0.868	—	pCi/L	U	—	61408	GF02050G6DC01	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.566	0.3	0.91	—	pCi/L	U	U	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.287	0.16	0.48	—	pCi/L	U	U	09-885	CAMO-09-2410	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.21	0.34	0.88	—	pCi/L	—	—	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.641	0.21	0.58	—	pCi/L	—	U	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	6.22	3.58	14.1	—	pCi/L	U	U	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	DUP	—	Rad	EPA:901.1	Radium-228	<	1.58	3.26	12	—	pCi/L	U	—	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.66	1.4	4.2	—	pCi/L	U	U	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.69	1.1	4.8	—	pCi/L	U	U	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.238	1.5	4.7	—	pCi/L	U	U	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.165	1.1	3.5	—	pCi/L	U	U	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0885	1.4	4.6	—	pCi/L	U	U	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.197	0.861	3.18	—	pCi/L	U	U	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	DUP	—	Rad	EPA:901.1	Sodium-22	<	-0.523	0.79	2.88	—	pCi/L	U	—	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	5/1/2001	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.108	0.58	2.12	—	pCi/L	U	U	41670	GU01051G6DC	GELC
CDBO-6	5281	34	8/18/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00476	0.074	0.28	—	pCi/L	U	U	08-1704	CAMO-08-14437	GELC
CDBO-6	5281	34	5/22/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0656	0.064	0.21	—	pCi/L	U	U	08-1220	CAMO-08-12720	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.265	0.13	0.42	—	pCi/L	U	U	09-2899	CAMO-09-9478	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0776	0.066	0.29	—	pCi/L	U	U	08-1704	CAMO-08-14436	GELC
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0134	0.056	0.19	—	pCi/L	U	U	08-1220	CAMO-08-12721	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	CS	—	Rad	GFPC	Strontium-90	<	0.0156	0.0506	0.236	—	pCi/L	U	U	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	5/1/2001	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.154	0.13	0.438	—	pCi/L	U	U	41670	GU01051G6DC	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	74.0776	2.5544	0.28737	—	pCi/L	—	—	09-2930	CAMO-09-9478	UMTL
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	40.04022	6.207192	3.35265	—	pCi/L	—	U	08-1738	CAMO-08-14436	ARSL
CDBO-6	5281	34	5/22/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	73.7583	2.5544	0.28737	—	pCi/L	—	—	08-1225	CAMO-08-12721	UMTL
CDBO-6	5281	34	2/27/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	109.5199	3.5123	0.28737	—	pCi/L	—	—	2315	UU070200G6DC01	UMTL
CDBO-6	5281	34	5/31/2002	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	28.3	57.4	186	—	pCi/L	U	U	61409	GU02050G6DC01	GELC
CDBO-6	5281	34	5/31/2002	WG	UF	DUP	—	Rad	EPA:906.0	Tritium	<	53.5	55	176	—	pCi/L	U	—	61758	GU02050G6DC01	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	FD	Voa	SW-846:8260B	Chloromethane	—	0.382	—	—	0.3	ug/L	J	J	09-2898	CAMO-09-9481	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.3	ug/L	U	U	09-883	CAMO-09-2410	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.5	ug/L	U	U	08-1703	CAMO-08-14436	GELC
CDBO-6	5281	34	8/14/2009	WG	UF	CS	EQB	Voa	SW-846:8260B	Toluene	—	0.336	—	—	0.25	ug/L	J	J	09-2898	CAMO-09-9482	GELC
CDBO-6	5281	34	2/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	0.25	ug/L	U	U	09-883	CAMO-09-2410	GELC
CDBO-6	5281	34	8/18/2008	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	0.25	ug/L	U	U	08-1703	CAMO-08-14436	GELC
CDBO-6	5281	34	2/11/2008	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	0.25	ug/L	U	U	08-620	CAMO-08-10634	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.5	—	—	0.73	mg/L	—	—	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	45.2	—	—	0.73	mg/L	—	—	09-1119	CAPA-09-4087	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
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.7	—	—	0.73	mg/L	—	—	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.5	—	—	0.73	mg/L	—	—	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.147	—	—	0.066	mg/L	J	J	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.114	—	—	0.067	mg/L	J	J	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.146	—	—	0.067	mg/L	J	J	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.135	—	—	0.067	mg/L	J	J	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.6	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.3	—	—	0.03	mg/L	—	—	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19	—	—	0.03	mg/L	—	—	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	0.03	mg/L	—	—	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.8	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.5	—	—	0.03	mg/L	—	—	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.2	—	—	0.03	mg/L	—	—	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.6	—	—	0.03	mg/L	—	—	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	32.6	—	—	0.33	mg/L	—	—	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	35.4	—	—	0.33	mg/L	—	—	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	30.8	—	—	0.33	mg/L	—	—	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	33	—	—	0.13	mg/L	—	—	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.215	—	—	0.033	mg/L	—	—	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.101	—	—	0.033	mg/L	—	—	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.126	—	—	0.033	mg/L	—	—	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.137	—	—	0.033	mg/L	—	—	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.3	—	—	0.35	mg/L	—	—	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	66.4	—	—	0.35	mg/L	—	—	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.1	—	—	0.35	mg/L	—	—	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	64	—	—	0.35	mg/L	—	—	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	80.4	—	—	0.35	mg/L	—	—	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	67	—	—	0.35	mg/L	—	—	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.5	—	—	0.35	mg/L	—	—	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	66.7	—	—	0.35	mg/L	—	—	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.39	—	—	0.085	mg/L	—	—	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.61	—	—	0.085	mg/L	—	—	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.02	—	—	0.085	mg/L	—	—	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.18	—	—	0.085	mg/L	—	—	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.9	—	—	0.085	mg/L	—	—	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.65	—	—	0.085	mg/L	—	—	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.24	—	—	0.085	mg/L	—	—	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.53	—	—	0.085	mg/L	—	—	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.635	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.63	—	—	0.05	mg/L	—	—	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.68	—	—	0.05	mg/L	—	—	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.57	—	—	0.05	mg/L	—	—	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.259	—	—	0.05	ug/L	—	—	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.301	—	—	0.05	ug/L	—	—	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.31	—	—	0.05	ug/L	—	—	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.252	—	—	0.05	ug/L	—	J	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.31	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.26	—	—	0.05	mg/L	—	—	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.97	—	—	0.05	mg/L	—	—	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.11	—	—	0.05	mg/L	—	—	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.91	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.49	—	—	0.05	mg/L	—	—	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.14	—	—	0.05	mg/L	—	—	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.43	—	—	0.05	mg/L	—	—	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.4	—	—	0.1	mg/L	—	—	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.9	—	—	0.045	mg/L	—	—	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.6	—	—	0.045	mg/L	—	—	09-445	CAPA-09-1089	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
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17	—	—	0.045	mg/L	—	—	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.2	—	—	0.1	mg/L	—	—	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	23	—	—	0.045	mg/L	—	—	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.8	—	—	0.045	mg/L	—	—	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.4	—	—	0.045	mg/L	—	—	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	281	—	—	1	uS/cm	—	—	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	248	—	—	1	uS/cm	—	—	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	261	—	—	1	uS/cm	—	—	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	243	—	—	1	uS/cm	—	—	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.71	—	—	0.1	mg/L	—	—	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.18	—	—	0.1	mg/L	—	J-	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.69	—	—	0.1	mg/L	—	J-	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.81	—	—	0.1	mg/L	—	—	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	4.5	—	—	1.4	mg/L	J	J	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	10	—	—	2.3	mg/L	U	U	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	8.4	—	—	2.3	mg/L	J	J	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	4.2	—	—	1.1	mg/L	J	J	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	6/19/2008	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	13.9	—	—	3.2	mg/L	U	U	08-1397	CAPA-08-13066	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	172	—	—	2.4	mg/L	—	—	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	193	—	—	2.4	mg/L	H	J	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	172	—	—	2.4	mg/L	—	J	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	172	—	—	2.4	mg/L	—	—	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.82	—	—	0.66	mg/L	—	—	09-3267	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.65	—	—	0.33	mg/L	—	J	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.1	—	—	0.33	mg/L	—	—	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.61	—	—	0.33	mg/L	—	—	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	6/19/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.82	—	—	0.33	mg/L	—	—	08-1397	CAPA-08-13066	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.06	—	—	0.01	SU	H	J-	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.37	—	—	0.01	SU	H	J-	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.24	—	—	0.01	SU	H	J-	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.19	—	—	0.01	SU	H	J-	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	319	—	—	68	ug/L	—	—	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1580	—	—	68	ug/L	—	—	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	231	—	—	68	ug/L	—	—	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	235	—	—	68	ug/L	—	—	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3870	—	—	68	ug/L	—	—	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3560	—	—	68	ug/L	—	—	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	949	—	—	68	ug/L	—	—	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1610	—	—	68	ug/L	—	—	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	76.9	—	—	1	ug/L	—	—	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	73	—	—	1	ug/L	—	—	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	70.8	—	—	1	ug/L	E	—	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	65	—	—	1	ug/L	—	—	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	94.1	—	—	1	ug/L	—	—	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	81.3	—	—	1	ug/L	—	—	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	73	—	—	1	ug/L	E	J	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	81.3	—	—	1	ug/L	—	—	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	21.1	—	—	15	ug/L	J	J	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	20.9	—	—	10	ug/L	J	U	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	25	—	—	10	ug/L	J	J	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.9	—	—	10	ug/L	J	J	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21.2	—	—	15	ug/L	J	J	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	21.1	—	—	10	ug/L	J	U	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	26.3	—	—	10	ug/L	J	J	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.4	—	—	10	ug/L	J	J	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.6	—	—	1.5	ug/L	J	J	09-445	CAPA-09-1089	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
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2	—	—	1.5	ug/L	J	J	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.96	—	—	2.5	ug/L	J	J	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.9	—	—	1.5	ug/L	J	J	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.8	—	—	1.5	ug/L	J	J	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	123	—	—	30	ug/L	—	—	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	703	—	—	25	ug/L	—	—	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	86.3	—	—	25	ug/L	J	J	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	104	—	—	25	ug/L	—	—	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1970	—	—	30	ug/L	—	—	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1630	—	—	25	ug/L	—	—	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	482	—	—	25	ug/L	—	—	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	873	—	—	25	ug/L	—	—	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.71	—	—	0.5	ug/L	J	J	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1	—	—	0.5	ug/L	J	J	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.1	—	—	0.5	ug/L	J	J	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.5	—	—	2	ug/L	J	J	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	21.3	—	—	2	ug/L	—	—	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9.8	—	—	2	ug/L	J	J	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9.9	—	—	2	ug/L	J	J	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	51.1	—	—	2	ug/L	—	—	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.936	—	—	0.5	ug/L	J	J	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	0.5	ug/L	J	J	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.79	—	—	0.5	ug/L	J	J	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.88	—	—	0.5	ug/L	J	J	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.96	—	—	0.5	ug/L	J	J	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	0.5	ug/L	J	J	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.9	—	—	0.5	ug/L	J	J	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	0.5	ug/L	J	J	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	35.2	—	—	0.053	mg/L	—	—	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	38	—	—	0.032	mg/L	—	—	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32.4	—	—	0.032	mg/L	—	—	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32.7	—	—	0.032	mg/L	N	J-	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Silver	—	0.344	—	—	0.2	ug/L	J	J	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6020	Silver	—	0.47	—	—	0.2	ug/L	J	J	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6020	Silver	—	0.21	—	—	0.2	ug/L	J	J	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Silver	—	4.42	—	—	0.2	ug/L	—	—	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6020	Silver	—	1.2	—	—	0.2	ug/L	—	—	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6020	Silver	—	2	—	—	0.2	ug/L	—	—	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Silver	—	2.5	—	—	0.2	ug/L	—	—	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	146	—	—	1	ug/L	—	—	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	126	—	—	1	ug/L	—	—	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	138	—	—	1	ug/L	—	—	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	114	—	—	1	ug/L	—	—	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	159	—	—	1	ug/L	—	—	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	128	—	—	1	ug/L	—	—	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	141	—	—	1	ug/L	—	—	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	118	—	—	1	ug/L	—	—	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.164	—	—	0.05	ug/L	J	J	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.11	—	—	0.05	ug/L	J	J	09-1119	CAPA-09-4087	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
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.12	—	—	0.05	ug/L	J	J	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.09	—	—	0.05	ug/L	J	J	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.356	—	—	0.05	ug/L	—	—	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.2	—	—	0.05	ug/L	J	J	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.19	—	—	0.05	ug/L	J	J	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.27	—	—	0.05	ug/L	—	—	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.93	—	—	1	ug/L	J	J	09-3268	CAPA-09-12109	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.1	—	—	1	ug/L	J	J	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.1	—	—	1	ug/L	J	J	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.5	—	—	1	ug/L	J	U	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.81	—	—	1	ug/L	J	J	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.7	—	—	1	ug/L	J	J	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.9	—	—	1	ug/L	J	J	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	4	—	—	1	ug/L	J	U	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.8	—	—	2	ug/L	J	J	09-1119	CAPA-09-4087	GELC
Charlie's Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.9	—	—	2	ug/L	J	J	09-445	CAPA-09-1089	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.6	—	—	2	ug/L	J	J	08-1920	CAPA-08-14923	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	9	—	—	3.3	ug/L	J	J	09-3268	CAPA-09-12110	GELC
Charlie's Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.8	—	—	2	ug/L	J	J	09-1119	CAPA-09-4088	GELC
Charlie's Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.8	—	—	2	ug/L	J	J	09-445	CAPA-09-1088	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.8	—	—	2	ug/L	J	J	08-1920	CAPA-08-14925	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00214	0.0028	0.023	—	pCi/L	U	U	08-1919	CAPA-08-14923	GELC
Charlie's Spring	—	—	6/19/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00603	0.01	0.049	—	pCi/L	U	U	08-1397	CAPA-08-13068	GELC
Charlie's Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00714	0.0092	0.043	—	pCi/L	U	U	08-784	CAPA-08-10970	GELC
Charlie's Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0015	0.0036	0.044	—	pCi/L	U	U	08-310	CAPA-08-9225	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000803	0.0021	0.037	—	pCi/L	U	U	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00336	0.0048	0.024	—	pCi/L	U	U	08-1919	CAPA-08-14925	GELC
Charlie's Spring	—	—	6/19/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00451	0.0086	0.037	—	pCi/L	U	U	08-1397	CAPA-08-13066	GELC
Charlie's Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0277	0.01	0.041	—	pCi/L	U	U	08-784	CAPA-08-10972	GELC
Charlie's Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000125	0.0047	0.047	—	pCi/L	U	U	08-310	CAPA-08-9224	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.389	1.1	3.6	—	pCi/L	U	U	08-1919	CAPA-08-14923	GELC
Charlie's Spring	—	—	6/19/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.93	1.5	3.8	—	pCi/L	U	U	08-1397	CAPA-08-13068	GELC
Charlie's Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	2.49	1.8	3.9	—	pCi/L	U	U	08-784	CAPA-08-10970	GELC
Charlie's Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.525	1.2	3.8	—	pCi/L	U	U	08-310	CAPA-08-9225	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.79	1.7	4.9	—	pCi/L	U	U	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.327	1.5	4.9	—	pCi/L	U	U	08-1919	CAPA-08-14925	GELC
Charlie's Spring	—	—	6/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3.47	1.3	4.6	—	pCi/L	U	U	08-1397	CAPA-08-13066	GELC
Charlie's Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.215	1.5	4.2	—	pCi/L	U	U	08-784	CAPA-08-10972	GELC
Charlie's Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3.99	1.5	1.9	—	pCi/L	UI	R	08-310	CAPA-08-9224	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.661	1	3.6	—	pCi/L	U	U	08-1919	CAPA-08-14923	GELC
Charlie's Spring	—	—	6/19/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.867	1.7	4.7	—	pCi/L	U	U	08-1397	CAPA-08-13068	GELC
Charlie's Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.43	1	2.4	—	pCi/L	U	U	08-784	CAPA-08-10970	GELC
Charlie's Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.05	1.1	4.2	—	pCi/L	U	U	08-310	CAPA-08-9225	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.685	1.7	5.2	—	pCi/L	U	U	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.06	1.4	5.6	—	pCi/L	U	U	08-1919	CAPA-08-14925	GELC
Charlie's Spring	—	—	6/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.377	1.6	5.3	—	pCi/L	U	U	08-1397	CAPA-08-13066	GELC
Charlie's Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.16	1.3	3.5	—	pCi/L	U	U	08-784	CAPA-08-10972	GELC
Charlie's Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.02	1.2	4.4	—	pCi/L	U	U	08-310	CAPA-08-9224	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.07	0.83	2.8	—	pCi/L	U	U	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/5/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.46	0.745	2.36	—	pCi/L	U	U	193201	GF07080GCHRS01	GELC
Charlie's Spring	—	—	7/9/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.89	0.769	2.4	—	pCi/L	U	U	189308	GF07060GCHRS01	GELC
Charlie's Spring	—	—	3/21/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	28.9	2.22	3.85	—	pCi/L	—	—	183003	GF07030GCHRS01	GELC
Charlie's Spring	—	—	12/6/2006	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.991	0.488	1.57	—	pCi/L	U	U	177384	GF06120GCHRS01	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.13	1.5	4.2	—	pCi/L	—	—	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/5/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.99	1.23	2.64	—	pCi/L	—	J	193201	GU07080GCHRS01	GELC
Charlie's Spring	—	—	7/9/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.77	0.924	2.81	—	pCi/L	U	U	189308	GU07060GCHRS01	GELC
Charlie's Spring	—	—	3/21/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	54.9	2.98	3.36	—	pCi/L	—	—	183003	GU07030GCHRS01	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
Charlie's Spring	—	—	12/6/2006	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.83	0.749	1.82	—	pCi/L	—	J	177384	GU06120GCHRS01	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	11.8	8.4	16	—	pCi/L	U	U	08-1919	CAPA-08-14923	GELC
Charlie's Spring	—	—	6/19/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	155	260	410	—	pCi/L	U	U	08-1397	CAPA-08-13068	GELC
Charlie's Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	209	98	380	—	pCi/L	U	U	08-784	CAPA-08-10970	GELC
Charlie's Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	103	71	290	—	pCi/L	U	U	08-310	CAPA-08-9225	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	150	29	81	—	pCi/L	—	—	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	10.8	8	19	—	pCi/L	U	U	08-1919	CAPA-08-14925	GELC
Charlie's Spring	—	—	6/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	129	90	340	—	pCi/L	U	U	08-1397	CAPA-08-13066	GELC
Charlie's Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	261	190	470	—	pCi/L	U	U	08-784	CAPA-08-10972	GELC
Charlie's Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	137	76	360	—	pCi/L	U	U	08-310	CAPA-08-9224	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.36	8.1	28	—	pCi/L	U	U	08-1919	CAPA-08-14923	GELC
Charlie's Spring	—	—	6/19/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	19.9	11	37	—	pCi/L	U	U	08-1397	CAPA-08-13068	GELC
Charlie's Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.4	11	34	—	pCi/L	U	U	08-784	CAPA-08-10970	GELC
Charlie's Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.42	8.3	28	—	pCi/L	U	U	08-310	CAPA-08-9225	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.08	13	42	—	pCi/L	U	U	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.19	9.6	30	—	pCi/L	U	U	08-1919	CAPA-08-14925	GELC
Charlie's Spring	—	—	6/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	24.6	10	34	—	pCi/L	U	U	08-1397	CAPA-08-13066	GELC
Charlie's Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	20.4	12	36	—	pCi/L	U	U	08-784	CAPA-08-10972	GELC
Charlie's Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	18.4	11	32	—	pCi/L	U	U	08-310	CAPA-08-9224	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00476	0.0062	0.024	—	pCi/L	U	U	08-1919	CAPA-08-14923	GELC
Charlie's Spring	—	—	6/19/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00933	0.0099	0.028	—	pCi/L	U	U	08-1397	CAPA-08-13068	GELC
Charlie's Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00191	0.0087	0.035	—	pCi/L	U	U	08-784	CAPA-08-10970	GELC
Charlie's Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0202	0.011	0.04	—	pCi/L	U	U	08-310	CAPA-08-9225	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00396	0.0079	0.033	—	pCi/L	U	U	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00329	0.0023	0.025	—	pCi/L	U	U	08-1919	CAPA-08-14925	GELC
Charlie's Spring	—	—	6/19/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00352	0.0043	0.021	—	pCi/L	U	U	08-1397	CAPA-08-13066	GELC
Charlie's Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0101	0.0089	0.037	—	pCi/L	U	U	08-784	CAPA-08-10972	GELC
Charlie's Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0119	0.0092	0.042	—	pCi/L	U	U	08-310	CAPA-08-9224	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00634	0.0032	0.027	—	pCi/L	U	U	08-1919	CAPA-08-14923	GELC
Charlie's Spring	—	—	6/19/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00933	0.0047	0.038	—	pCi/L	U	U	08-1397	CAPA-08-13068	GELC
Charlie's Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00763	0.0054	0.034	—	pCi/L	U	U	08-784	CAPA-08-10970	GELC
Charlie's Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00674	0.0075	0.038	—	pCi/L	U	U	08-310	CAPA-08-9225	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00396	0.004	0.032	—	pCi/L	U	U	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.004	0.028	—	pCi/L	U	U	08-1919	CAPA-08-14925	GELC
Charlie's Spring	—	—	6/19/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00176	0.0018	0.028	—	pCi/L	U	U	08-1397	CAPA-08-13066	GELC
Charlie's Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00811	0.0058	0.036	—	pCi/L	U	U	08-784	CAPA-08-10972	GELC
Charlie's Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	1.42E-10	0.0034	0.041	—	pCi/L	U	U	08-310	CAPA-08-9224	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.51	15	53	—	pCi/L	U	U	08-1919	CAPA-08-14923	GELC
Charlie's Spring	—	—	6/19/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	32.1	17	64	—	pCi/L	U	U	08-1397	CAPA-08-13068	GELC
Charlie's Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-3.48	13	43	—	pCi/L	U	U	08-784	CAPA-08-10970	GELC
Charlie's Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-26.1	14	42	—	pCi/L	U	U	08-310	CAPA-08-9225	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-16.3	18	57	—	pCi/L	U	U	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.29	18	63	—	pCi/L	U	U	08-1919	CAPA-08-14925	GELC
Charlie's Spring	—	—	6/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-11	18	54	—	pCi/L	U	U	08-1397	CAPA-08-13066	GELC
Charlie's Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	26.1	18	40	—	pCi/L	U	U	08-784	CAPA-08-10972	GELC
Charlie's Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.12	16	53	—	pCi/L	U	U	08-310	CAPA-08-9224	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.03	1.2	3.1	—	pCi/L	U	U	08-1919	CAPA-08-14923	GELC
Charlie's Spring	—	—	6/19/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.46	1.3	3.8	—	pCi/L	U	U	08-1397	CAPA-08-13068	GELC
Charlie's Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.446	1.2	3.7	—	pCi/L	U	U	08-784	CAPA-08-10970	GELC
Charlie's Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.446	1.3	3.6	—	pCi/L	U	U	08-310	CAPA-08-9225	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.915	1.6	5	—	pCi/L	U	U	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.342	1.1	3.8	—	pCi/L	U	U	08-1919	CAPA-08-14925	GELC
Charlie's Spring	—	—	6/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.302	1.3	4.4	—	pCi/L	U	U	08-1397	CAPA-08-13066	GELC
Charlie's Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.72	1.2	4.5	—	pCi/L	U	U	08-784	CAPA-08-10972	GELC
Charlie's Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.6	0.94	3.3	—	pCi/L	U	U	08-310	CAPA-08-9224	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.181	0.072	0.23	—	pCi/L	U	U	08-1919	CAPA-08-14923	GELC
Charlie's Spring	—	—	6/19/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0404	0.13	0.52	—	pCi/L	U	U	08-1397	CAPA-08-13068	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
Charlie's Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.373	0.16	0.5	—	pCi/L	U	U	08-784	CAPA-08-10970	GELC
Charlie's Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0457	0.068	0.23	—	pCi/L	U	U	08-310	CAPA-08-9225	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.117	0.094	0.32	—	pCi/L	U	U	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.202	0.092	0.28	—	pCi/L	U	U	08-1919	CAPA-08-14925	GELC
Charlie's Spring	—	—	6/19/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.147	0.11	0.48	—	pCi/L	U	U	08-1397	CAPA-08-13066	GELC
Charlie's Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0788	0.14	0.49	—	pCi/L	U	U	08-784	CAPA-08-10972	GELC
Charlie's Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0197	0.098	0.35	—	pCi/L	U	U	08-310	CAPA-08-9224	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	—	0.0808	0.019	0.067	—	pCi/L	—	—	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0641	0.013	0.084	—	pCi/L	U	U	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	—	0.0813	0.016	0.04	—	pCi/L	—	—	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	35.7616	1.2772	0.28737	—	pCi/L	—	—	09-3321	CAPA-09-12110	UMTL
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	28.500718	4.451042	2.733208	—	pCi/L	—	U	08-1935	CAPA-08-14925	ARSL
Charlie's Spring	—	—	6/19/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	32.8879	1.2772	0.28737	—	pCi/L	—	—	08-1453	CAPA-08-13066	UMTL
Charlie's Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	28.83279	9.03619	3.76774	—	pCi/L	—	—	08-793	CAPA-08-10972	ARSL
Charlie's Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	62.9021	2.2351	0.28737	—	pCi/L	—	—	08-309	CAPA-08-9224	UMTL
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0837	0.013	0.061	—	pCi/L	—	—	08-1919	CAPA-08-14923	GELC
Charlie's Spring	—	—	6/19/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0518	0.016	0.12	—	pCi/L	U	U	08-1397	CAPA-08-13068	GELC
Charlie's Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0293	0.0094	0.06	—	pCi/L	U	U	08-784	CAPA-08-10970	GELC
Charlie's Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.066	0.015	0.069	—	pCi/L	U	U	08-310	CAPA-08-9225	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0874	0.017	0.087	—	pCi/L	—	—	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.131	0.019	0.071	—	pCi/L	—	—	08-1919	CAPA-08-14925	GELC
Charlie's Spring	—	—	6/19/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.071	0.014	0.082	—	pCi/L	U	U	08-1397	CAPA-08-13066	GELC
Charlie's Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0687	0.013	0.063	—	pCi/L	—	—	08-784	CAPA-08-10972	GELC
Charlie's Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.138	0.02	0.067	—	pCi/L	—	—	08-310	CAPA-08-9224	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0154	0.0059	0.033	—	pCi/L	U	U	08-1919	CAPA-08-14923	GELC
Charlie's Spring	—	—	6/19/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0256	0.012	0.064	—	pCi/L	U	U	08-1397	CAPA-08-13068	GELC
Charlie's Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00213	0.0021	0.031	—	pCi/L	U	U	08-784	CAPA-08-10970	GELC
Charlie's Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0051	0.0051	0.036	—	pCi/L	U	U	08-310	CAPA-08-9225	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.0085	0.044	—	pCi/L	U	U	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00769	0.0045	0.038	—	pCi/L	U	U	08-1919	CAPA-08-14925	GELC
Charlie's Spring	—	—	6/19/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0113	0.008	0.043	—	pCi/L	U	U	08-1397	CAPA-08-13066	GELC
Charlie's Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.0022	0.032	—	pCi/L	U	U	08-784	CAPA-08-10972	GELC
Charlie's Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0124	0.0075	0.035	—	pCi/L	U	U	08-310	CAPA-08-9224	GELC
Charlie's Spring	—	—	9/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.041	0.0089	0.032	—	pCi/L	—	—	08-1919	CAPA-08-14923	GELC
Charlie's Spring	—	—	6/19/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0104	0.012	0.076	—	pCi/L	U	U	08-1397	CAPA-08-13068	GELC
Charlie's Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0499	0.01	0.04	—	pCi/L	—	—	08-784	CAPA-08-10970	GELC
Charlie's Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0351	0.0092	0.043	—	pCi/L	U	U	08-310	CAPA-08-9225	GELC
Charlie's Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.11	0.018	0.053	—	pCi/L	—	—	09-3269	CAPA-09-12110	GELC
Charlie's Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0622	0.014	0.037	—	pCi/L	—	—	08-1919	CAPA-08-14925	GELC
Charlie's Spring	—	—	6/19/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0389	0.011	0.05	—	pCi/L	U	U	08-1397	CAPA-08-13066	GELC
Charlie's Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0397	0.0095	0.042	—	pCi/L	U	U	08-784	CAPA-08-10972	GELC
Charlie's Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.102	0.018	0.042	—	pCi/L	—	—	08-310	CAPA-08-9224	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	45.1	—	—	0.73	mg/L	—	—	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	45.1	—	—	0.73	mg/L	—	—	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	31.7	—	—	0.73	mg/L	—	—	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	38.7	—	—	0.73	mg/L	—	—	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	45.5	—	—	0.73	mg/L	—	—	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	36.9	—	—	0.73	mg/L	—	—	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.033	—	—	0.016	mg/L	J	J-	09-3268	CAPA-09-12095	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
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	UJ	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	UJ	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	U	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	U	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	0.03	mg/L	—	—	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.65	—	—	0.03	mg/L	—	J	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	0.03	mg/L	—	—	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	10.6	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.6	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12094	GELC
Homestead Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.6	—	—	0.03	mg/L	—	—	09-1118	CAPA-09-4073	GELC
Homestead Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.47	—	—	0.03	mg/L	—	J	09-445	CAPA-09-1105	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	0.03	mg/L	—	—	08-1920	CAPA-08-14909	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	9.73	—	—	0.066	mg/L	—	—	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	9.71	—	—	0.066	mg/L	—	—	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20.6	—	—	0.13	mg/L	—	—	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.21	—	—	0.066	mg/L	—	—	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	12.8	—	—	0.066	mg/L	—	—	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.87	—	—	0.066	mg/L	—	—	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.256	—	—	0.033	mg/L	—	—	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.194	—	—	0.033	mg/L	—	—	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.081	—	—	0.033	mg/L	J	J	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.124	—	—	0.033	mg/L	—	—	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.127	—	—	0.033	mg/L	—	—	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.101	—	—	0.033	mg/L	—	—	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	41.2	—	—	0.35	mg/L	—	—	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.8	—	—	0.35	mg/L	—	—	09-3268	CAPA-09-12095	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
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42.3	—	—	0.35	mg/L	—	—	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.7	—	—	0.35	mg/L	—	—	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.9	—	—	0.35	mg/L	—	—	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	41.3	—	—	0.35	mg/L	—	—	09-3268	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.1	—	—	0.35	mg/L	—	—	09-3268	CAPA-09-12094	GELC
Homestead Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.3	—	—	0.35	mg/L	—	—	09-1118	CAPA-09-4073	GELC
Homestead Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.9	—	—	0.35	mg/L	—	—	09-445	CAPA-09-1105	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.4	—	—	0.35	mg/L	—	—	08-1920	CAPA-08-14909	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.54	—	—	0.085	mg/L	—	—	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.53	—	—	0.085	mg/L	—	—	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.77	—	—	0.085	mg/L	—	—	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.3	—	—	0.085	mg/L	—	—	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.33	—	—	0.085	mg/L	—	—	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.59	—	—	0.085	mg/L	—	—	09-3268	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.58	—	—	0.085	mg/L	—	—	09-3268	CAPA-09-12094	GELC
Homestead Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.59	—	—	0.085	mg/L	—	—	09-1118	CAPA-09-4073	GELC
Homestead Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.23	—	—	0.085	mg/L	—	—	09-445	CAPA-09-1105	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.58	—	—	0.085	mg/L	—	—	08-1920	CAPA-08-14909	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.195	—	—	0.05	mg/L	J	J	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.195	—	—	0.05	mg/L	J	J	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.329	—	—	0.05	mg/L	—	U	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.125	—	—	0.05	mg/L	J	J	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.271	—	—	0.05	mg/L	—	—	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.237	—	—	0.05	mg/L	J	J	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.114	—	—	0.05	ug/L	J	J	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.113	—	—	0.05	ug/L	J	J	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.222	—	—	0.05	ug/L	—	—	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.163	—	—	0.05	ug/L	J	J	09-445	CAPA-09-1104	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
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.161	—	—	0.05	ug/L	J	J	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.245	—	—	0.05	ug/L	—	J	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.77	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.73	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.73	—	—	0.05	mg/L	—	—	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.45	—	—	0.05	mg/L	—	—	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.58	—	—	0.05	mg/L	—	—	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.8	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.79	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12094	GELC
Homestead Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.55	—	—	0.05	mg/L	—	—	09-1118	CAPA-09-4073	GELC
Homestead Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.43	—	—	0.05	mg/L	—	—	09-445	CAPA-09-1105	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.86	—	—	0.05	mg/L	—	—	08-1920	CAPA-08-14909	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	0.1	mg/L	—	—	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	0.1	mg/L	—	—	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.2	—	—	0.045	mg/L	—	—	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.36	—	—	0.045	mg/L	—	—	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.045	mg/L	—	—	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	0.1	mg/L	—	—	09-3268	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	0.1	mg/L	—	—	09-3268	CAPA-09-12094	GELC
Homestead Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.7	—	—	0.045	mg/L	—	—	09-1118	CAPA-09-4073	GELC
Homestead Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.18	—	—	0.045	mg/L	—	—	09-445	CAPA-09-1105	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.045	mg/L	—	—	08-1920	CAPA-08-14909	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1	uS/cm	—	—	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	141	—	—	1	uS/cm	—	—	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	155	—	—	1	uS/cm	—	—	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	118	—	—	1	uS/cm	—	—	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	148	—	—	1	uS/cm	—	—	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	110	—	—	1	uS/cm	—	—	08-1449	CAPA-08-13050	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
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	3.37	—	—	0.1	mg/L	—	—	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.38	—	—	0.1	mg/L	—	—	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.19	—	—	0.1	mg/L	—	J-	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.22	—	—	0.1	mg/L	—	J-	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.76	—	—	0.1	mg/L	—	—	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.02	—	—	0.1	mg/L	—	—	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	110	—	—	2.4	mg/L	—	—	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	107	—	—	2.4	mg/L	—	—	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	140	—	—	2.4	mg/L	H	J	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	101	—	—	2.4	mg/L	—	J	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.4	mg/L	—	—	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	92	—	—	2.4	mg/L	—	—	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	2.65	—	—	0.33	mg/L	—	—	09-3267	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.51	—	—	0.33	mg/L	—	—	09-3267	CAPA-09-12094	GELC
Homestead Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.98	—	—	0.33	mg/L	—	J	09-1118	CAPA-09-4073	GELC
Homestead Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.54	—	—	0.33	mg/L	—	—	09-445	CAPA-09-1105	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.62	—	—	0.33	mg/L	—	—	08-1920	CAPA-08-14909	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	6.81	—	—	0.01	SU	H	J-	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.78	—	—	0.01	SU	H	J-	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.41	—	—	0.01	SU	H	J-	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.83	—	—	0.01	SU	H	J-	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.03	—	—	0.01	SU	H	J-	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.94	—	—	0.01	SU	H	J-	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Metals	SW-846:6010B	Aluminum	—	773	—	—	68	ug/L	—	—	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	734	—	—	68	ug/L	—	—	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1880	—	—	68	ug/L	*	—	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	637	—	—	68	ug/L	—	—	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	379	—	—	68	ug/L	—	—	08-1920	CAPA-08-14908	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
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	1080	—	—	68	ug/L	—	—	09-3268	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1340	—	—	68	ug/L	—	—	09-3268	CAPA-09-12094	GELC
Homestead Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	846	—	—	68	ug/L	*	—	09-1118	CAPA-09-4073	GELC
Homestead Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1110	—	—	68	ug/L	—	—	09-445	CAPA-09-1105	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2480	—	—	68	ug/L	—	—	08-1920	CAPA-08-14909	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	42.3	—	—	1	ug/L	—	—	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	41.8	—	—	1	ug/L	—	—	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	48	—	—	1	ug/L	—	—	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.1	—	—	1	ug/L	E	—	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.3	—	—	1	ug/L	—	—	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	42.8	—	—	1	ug/L	—	—	09-3268	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	43.9	—	—	1	ug/L	—	—	09-3268	CAPA-09-12094	GELC
Homestead Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	49.1	—	—	1	ug/L	—	—	09-1118	CAPA-09-4073	GELC
Homestead Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	38.4	—	—	1	ug/L	E	—	09-445	CAPA-09-1105	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	51.8	—	—	1	ug/L	—	—	08-1920	CAPA-08-14909	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Metals	SW-846:6010B	Iron	—	365	—	—	30	ug/L	—	—	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	350	—	—	30	ug/L	—	—	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	987	—	—	25	ug/L	*	—	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	294	—	—	25	ug/L	—	—	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	189	—	—	25	ug/L	—	—	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	518	—	—	30	ug/L	—	—	09-3268	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	647	—	—	30	ug/L	—	—	09-3268	CAPA-09-12094	GELC
Homestead Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	442	—	—	25	ug/L	*	—	09-1118	CAPA-09-4073	GELC
Homestead Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	535	—	—	25	ug/L	—	—	09-445	CAPA-09-1105	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1250	—	—	25	ug/L	—	—	08-1920	CAPA-08-14909	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Metals	SW-846:6010B	Manganese	—	3.59	—	—	2	ug/L	J	J	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.83	—	—	2	ug/L	J	J	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7	—	—	2	ug/L	J	J	09-1118	CAPA-09-4074	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
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.5	—	—	2	ug/L	J	J	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.5	—	—	2	ug/L	J	J	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	3.8	—	—	2	ug/L	J	J	09-3268	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.05	—	—	2	ug/L	J	J	09-3268	CAPA-09-12094	GELC
Homestead Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.2	—	—	2	ug/L	J	J	09-1118	CAPA-09-4073	GELC
Homestead Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.5	—	—	2	ug/L	J	J	09-445	CAPA-09-1105	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	20.5	—	—	2	ug/L	—	—	08-1920	CAPA-08-14909	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.795	—	—	0.5	ug/L	J	J	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.711	—	—	0.5	ug/L	J	J	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	0.5	ug/L	J	J	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.62	—	—	0.5	ug/L	J	J	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.65	—	—	0.5	ug/L	J	J	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	0.876	—	—	0.5	ug/L	J	J	09-3268	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.987	—	—	0.5	ug/L	J	J	09-3268	CAPA-09-12094	GELC
Homestead Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	0.5	ug/L	J	J	09-1118	CAPA-09-4073	GELC
Homestead Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.66	—	—	0.5	ug/L	J	J	09-445	CAPA-09-1105	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	0.5	ug/L	J	J	08-1920	CAPA-08-14909	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	38.8	—	—	0.053	mg/L	—	—	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	38	—	—	0.053	mg/L	—	—	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	39.4	—	—	0.032	mg/L	N	J+	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.3	—	—	0.032	mg/L	—	—	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.5	—	—	0.032	mg/L	N	J-	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	39.1	—	—	0.032	mg/L	—	—	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	81.6	—	—	1	ug/L	—	—	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	80.4	—	—	1	ug/L	—	—	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	79.9	—	—	1	ug/L	—	—	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	71.2	—	—	1	ug/L	—	—	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	71.6	—	—	1	ug/L	—	—	08-1920	CAPA-08-14908	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
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	81.4	—	—	1	ug/L	—	—	09-3268	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	81.7	—	—	1	ug/L	—	—	09-3268	CAPA-09-12094	GELC
Homestead Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	79.5	—	—	1	ug/L	—	—	09-1118	CAPA-09-4073	GELC
Homestead Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	70.1	—	—	1	ug/L	—	—	09-445	CAPA-09-1105	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	73.8	—	—	1	ug/L	—	—	08-1920	CAPA-08-14909	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.55	—	—	0.3	ug/L	J	U	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.523	—	—	0.3	ug/L	J	J	09-3268	CAPA-09-12094	GELC
Homestead Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.44	—	—	0.3	ug/L	J	J	09-1118	CAPA-09-4073	GELC
Homestead Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-445	CAPA-09-1105	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	08-1920	CAPA-08-14909	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.081	—	—	0.05	ug/L	J	J	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	0.05	ug/L	U	U	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.05	—	—	0.05	ug/L	J	J	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.065	—	—	0.05	ug/L	J	J	09-3268	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.079	—	—	0.05	ug/L	J	J	09-3268	CAPA-09-12094	GELC
Homestead Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.13	—	—	0.05	ug/L	J	J	09-1118	CAPA-09-4073	GELC
Homestead Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.058	—	—	0.05	ug/L	J	J	09-445	CAPA-09-1105	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.17	—	—	0.05	ug/L	J	J	08-1920	CAPA-08-14909	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	2.57	—	—	1	ug/L	J	J	09-3268	CAPA-09-12098	GELC
Homestead Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.43	—	—	1	ug/L	J	J	09-3268	CAPA-09-12095	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.8	—	—	1	ug/L	J	J	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.5	—	—	1	ug/L	J	J	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.6	—	—	1	ug/L	J	U	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	2.87	—	—	1	ug/L	J	J	09-3268	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.1	—	—	1	ug/L	J	J	09-3268	CAPA-09-12094	GELC
Homestead Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.3	—	—	1	ug/L	J	J	09-1118	CAPA-09-4073	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
Homestead Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3	—	—	1	ug/L	J	J	09-445	CAPA-09-1105	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.2	—	—	1	ug/L	—	J	08-1920	CAPA-08-14909	GELC
Homestead Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.6	—	—	2	ug/L	J	J	09-1118	CAPA-09-4074	GELC
Homestead Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.7	—	—	2	ug/L	J	J	09-445	CAPA-09-1104	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.6	—	—	2	ug/L	J	J	08-1920	CAPA-08-14908	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.43	—	—	3.3	ug/L	J	J	09-3268	CAPA-09-12094	GELC
Homestead Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.8	—	—	2	ug/L	J	J	09-1118	CAPA-09-4073	GELC
Homestead Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.1	—	—	2	ug/L	J	J	09-445	CAPA-09-1105	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.6	—	—	2	ug/L	J	J	08-1920	CAPA-08-14909	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00741	0.0044	0.025	—	pCi/L	U	U	08-1919	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00108	0.012	0.045	—	pCi/L	U	U	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00589	0.0089	0.043	—	pCi/L	U	U	08-784	CAPA-08-10962	GELC
Homestead Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.000185	0.0057	0.047	—	pCi/L	U	U	08-310	CAPA-08-9231	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	0.00117	0.0032	0.036	—	pCi/L	U	U	09-3269	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0243	0.0087	0.038	—	pCi/L	U	U	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0051	0.003	0.024	—	pCi/L	U	U	08-1919	CAPA-08-14909	GELC
Homestead Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00608	0.014	0.044	—	pCi/L	U	U	08-1449	CAPA-08-13051	GELC
Homestead Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00929	0.0095	0.043	—	pCi/L	U	U	08-784	CAPA-08-10961	GELC
Homestead Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00154	0.0047	0.044	—	pCi/L	U	U	08-310	CAPA-08-9232	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.24	1.4	4.8	—	pCi/L	U	U	08-1919	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.639	1.1	3.5	—	pCi/L	U	U	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.16	1.7	5	—	pCi/L	U	U	08-784	CAPA-08-10962	GELC
Homestead Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.25	1.9	5.4	—	pCi/L	U	U	08-310	CAPA-08-9231	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	0.335	1.3	4.6	—	pCi/L	U	U	09-3269	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.49	1.6	5.5	—	pCi/L	U	U	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.05	1.5	4	—	pCi/L	U	U	08-1919	CAPA-08-14909	GELC
Homestead Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.04	1.3	3.8	—	pCi/L	U	U	08-1449	CAPA-08-13051	GELC
Homestead Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.764	1.4	4.9	—	pCi/L	U	U	08-784	CAPA-08-10961	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
Homestead Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.88	1.3	3.8	—	pCi/L	U	U	08-310	CAPA-08-9232	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.53	1.5	3.9	—	pCi/L	U	U	08-1919	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.44	1.2	4.7	—	pCi/L	U	U	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.231	1.6	5.5	—	pCi/L	U	U	08-784	CAPA-08-10962	GELC
Homestead Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.1	1.5	4.4	—	pCi/L	U	U	08-310	CAPA-08-9231	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	-0.649	1.5	4.6	—	pCi/L	U	U	09-3269	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.16	1.8	5.7	—	pCi/L	U	U	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.95	1.4	4.1	—	pCi/L	U	U	08-1919	CAPA-08-14909	GELC
Homestead Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.44	1.1	3	—	pCi/L	U	U	08-1449	CAPA-08-13051	GELC
Homestead Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.66	1.2	5.3	—	pCi/L	U	U	08-784	CAPA-08-10961	GELC
Homestead Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.65	1.3	4.6	—	pCi/L	U	U	08-310	CAPA-08-9232	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha/beta	<	0.561	0.54	1.9	—	pCi/L	U	U	09-3269	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.1	0.87	2.1	—	pCi/L	U	U	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/5/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	7.59	1.21	2.18	—	pCi/L	—	—	193201	GF070800GSMH01	GELC
Homestead Spring	—	—	7/9/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.42	0.863	2.67	—	pCi/L	U	U	189308	GF070600GSMH01	GELC
Homestead Spring	—	—	3/21/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.39	1.02	2.91	—	pCi/L	—	J	183003	GF070300GSMH01	GELC
Homestead Spring	—	—	12/12/2006	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.78	0.93	2.86	—	pCi/L	U	U	177782	GF061200GSMH01	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	EPA:900	Gross beta	—	2.91	0.77	1.8	—	pCi/L	—	—	09-3269	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.87	1	2.2	—	pCi/L	—	—	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/5/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.56	0.938	2.47	—	pCi/L	—	J	193201	GU070800GSMH01	GELC
Homestead Spring	—	—	7/9/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.23	0.78	2.03	—	pCi/L	—	J	189308	GU070600GSMH01	GELC
Homestead Spring	—	—	3/21/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.68	1.25	2.75	—	pCi/L	—	J	183003	GU070300GSMH01	GELC
Homestead Spring	—	—	12/12/2006	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.53	0.928	2.72	—	pCi/L	—	J	177782	GU061200GSMH01	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	3.58	12	15	—	pCi/L	U	U	08-1919	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	112	40	110	—	pCi/L	U	U	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	288	130	580	—	pCi/L	U	U	08-784	CAPA-08-10962	GELC
Homestead Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	144	78	320	—	pCi/L	U	U	08-310	CAPA-08-9231	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	—	150	49	82	—	pCi/L	—	—	09-3269	CAPA-09-12097	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
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	137	24	71	—	pCi/L	—	—	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	22.3	25	30	—	pCi/L	U	U	08-1919	CAPA-08-14909	GELC
Homestead Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	126	42	86	—	pCi/L	—	U	08-1449	CAPA-08-13051	GELC
Homestead Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	293	120	430	—	pCi/L	U	U	08-784	CAPA-08-10961	GELC
Homestead Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	172	93	390	—	pCi/L	U	U	08-310	CAPA-08-9232	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-19.1	12	31	—	pCi/L	U	U	08-1919	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	30.3	9.9	24	—	pCi/L	UI	R	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.78	15	47	—	pCi/L	U	U	08-784	CAPA-08-10962	GELC
Homestead Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.11	9.2	22	—	pCi/L	U	U	08-310	CAPA-08-9231	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	16.9	11	36	—	pCi/L	U	U	09-3269	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.6	13	43	—	pCi/L	U	U	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-9.69	11	34	—	pCi/L	U	U	08-1919	CAPA-08-14909	GELC
Homestead Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.8	9	31	—	pCi/L	U	U	08-1449	CAPA-08-13051	GELC
Homestead Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.7	14	39	—	pCi/L	U	U	08-784	CAPA-08-10961	GELC
Homestead Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	29.9	9.5	29	—	pCi/L	UI	R	08-310	CAPA-08-9232	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00383	0.0061	0.029	—	pCi/L	U	U	08-1919	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00555	0.0093	0.022	—	pCi/L	U	U	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00162	0.0063	0.03	—	pCi/L	U	U	08-784	CAPA-08-10962	GELC
Homestead Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00595	0.011	0.035	—	pCi/L	U	U	08-310	CAPA-08-9231	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.0131	0.014	0.036	—	pCi/L	U	U	09-3269	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00213	0.0021	0.036	—	pCi/L	U	U	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	—	0.0661	0.012	0.029	—	pCi/L	—	—	08-1919	CAPA-08-14909	GELC
Homestead Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00183	0.0055	0.021	—	pCi/L	U	U	08-1449	CAPA-08-13051	GELC
Homestead Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00226	0.0081	0.041	—	pCi/L	U	U	08-784	CAPA-08-10961	GELC
Homestead Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-2.83E-10	0.0034	0.042	—	pCi/L	U	U	08-310	CAPA-08-9232	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00191	0.0051	0.033	—	pCi/L	U	U	08-1919	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00185	0.0032	0.029	—	pCi/L	U	U	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00807	0.0043	0.029	—	pCi/L	U	U	08-784	CAPA-08-10962	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
Homestead Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	4.73E-10	0.0049	0.034	—	pCi/L	U	U	08-310	CAPA-08-9231	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	-0.013	0.0062	0.035	—	pCi/L	U	U	09-3269	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0085	0.0052	0.034	—	pCi/L	U	U	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.0621	0.012	0.033	—	pCi/L	—	—	08-1919	CAPA-08-14909	GELC
Homestead Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00366	0.0037	0.028	—	pCi/L	U	U	08-1449	CAPA-08-13051	GELC
Homestead Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00451	0.0039	0.04	—	pCi/L	U	U	08-784	CAPA-08-10961	GELC
Homestead Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-1.13E-09	0.0058	0.041	—	pCi/L	U	U	08-310	CAPA-08-9232	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-32.1	17	50	—	pCi/L	U	U	08-1919	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	3.7	15	51	—	pCi/L	U	U	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	8.39	27	59	—	pCi/L	U	U	08-784	CAPA-08-10962	GELC
Homestead Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	24.1	19	70	—	pCi/L	U	U	08-310	CAPA-08-9231	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	14.7	16	61	—	pCi/L	U	U	09-3269	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.5	19	61	—	pCi/L	U	U	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	19.1	17	59	—	pCi/L	U	U	08-1919	CAPA-08-14909	GELC
Homestead Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-9.38	16	55	—	pCi/L	U	U	08-1449	CAPA-08-13051	GELC
Homestead Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-13.6	20	64	—	pCi/L	U	U	08-784	CAPA-08-10961	GELC
Homestead Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-26	14	41	—	pCi/L	U	U	08-310	CAPA-08-9232	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.73	1.4	5.3	—	pCi/L	U	U	08-1919	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.708	1.1	3.5	—	pCi/L	U	U	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.16	1.6	5.7	—	pCi/L	U	U	08-784	CAPA-08-10962	GELC
Homestead Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.795	1.5	5.1	—	pCi/L	U	U	08-310	CAPA-08-9231	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	2.18	1.3	4.9	—	pCi/L	U	U	09-3269	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.993	1.5	4.7	—	pCi/L	U	U	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.65	1.4	3.8	—	pCi/L	U	U	08-1919	CAPA-08-14909	GELC
Homestead Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.39	1.2	4.3	—	pCi/L	U	U	08-1449	CAPA-08-13051	GELC
Homestead Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.25	1.6	5.1	—	pCi/L	U	U	08-784	CAPA-08-10961	GELC
Homestead Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.593	1	3.3	—	pCi/L	U	U	08-310	CAPA-08-9232	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.133	0.1	0.34	—	pCi/L	U	U	08-1919	CAPA-08-14908	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
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.109	0.12	0.44	—	pCi/L	U	U	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.125	0.13	0.47	—	pCi/L	U	U	08-784	CAPA-08-10962	GELC
Homestead Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.121	0.081	0.31	—	pCi/L	U	U	08-310	CAPA-08-9231	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	-0.0455	0.13	0.52	—	pCi/L	U	U	09-3269	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0699	0.13	0.47	—	pCi/L	U	U	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0726	0.14	0.49	—	pCi/L	U	U	08-1919	CAPA-08-14909	GELC
Homestead Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.327	0.12	0.34	—	pCi/L	U	U	08-1449	CAPA-08-13051	GELC
Homestead Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0386	0.12	0.46	—	pCi/L	U	U	08-784	CAPA-08-10961	GELC
Homestead Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0405	0.074	0.27	—	pCi/L	U	U	08-310	CAPA-08-9232	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	HASL-300	Thorium-228	<	0.0556	0.019	0.072	—	pCi/L	U	U	09-3269	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.0648	0.017	0.065	—	pCi/L	U	U	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	HASL-300	Thorium-230	<	0.00275	0.0059	0.091	—	pCi/L	U	U	09-3269	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0107	0.0069	0.082	—	pCi/L	U	U	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	HASL-300	Thorium-232	<	0.0387	0.012	0.043	—	pCi/L	U	U	09-3269	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	—	0.0562	0.013	0.039	—	pCi/L	—	—	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	LLEE	Tritium	—	25.16084	0.83018	0.28737	—	pCi/L	—	—	09-3321	CAPA-09-12097	UMTL
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	25.06505	0.83018	0.28737	—	pCi/L	—	—	09-3321	CAPA-09-12094	UMTL
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	21.421837	3.400545	2.61826	—	pCi/L	—	U	08-1935	CAPA-08-14909	ARSL
Homestead Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	33.8458	1.2772	0.28737	—	pCi/L	—	—	08-1450	CAPA-08-13051	UMTL
Homestead Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	30.84438	9.51514	3.35265	—	pCi/L	—	—	08-793	CAPA-08-10961	ARSL
Homestead Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	61.3056	1.9158	0.28737	—	pCi/L	—	—	08-309	CAPA-08-9232	UMTL
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0362	0.0082	0.059	—	pCi/L	U	U	08-1919	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0362	0.01	0.079	—	pCi/L	U	U	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0769	0.013	0.064	—	pCi/L	—	—	08-784	CAPA-08-10962	GELC
Homestead Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0527	0.011	0.071	—	pCi/L	U	U	08-310	CAPA-08-9231	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	<	0.0279	0.011	0.091	—	pCi/L	U	U	09-3269	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.104	0.019	0.088	—	pCi/L	—	—	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0578	0.011	0.06	—	pCi/L	U	U	08-1919	CAPA-08-14909	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
Homestead Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0732	0.015	0.069	—	pCi/L	—	—	08-1449	CAPA-08-13051	GELC
Homestead Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0856	0.014	0.067	—	pCi/L	—	—	08-784	CAPA-08-10961	GELC
Homestead Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.111	0.018	0.077	—	pCi/L	—	—	08-310	CAPA-08-9232	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00852	0.0052	0.032	—	pCi/L	U	U	08-1919	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00303	0.0047	0.043	—	pCi/L	U	U	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0113	0.006	0.033	—	pCi/L	U	U	08-784	CAPA-08-10962	GELC
Homestead Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0104	0.0064	0.036	—	pCi/L	U	U	08-310	CAPA-08-9231	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0	0.0032	0.047	—	pCi/L	U	U	09-3269	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00308	0.0053	0.045	—	pCi/L	U	U	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0108	0.0049	0.032	—	pCi/L	U	U	08-1919	CAPA-08-14909	GELC
Homestead Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0214	0.008	0.038	—	pCi/L	U	U	08-1449	CAPA-08-13051	GELC
Homestead Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00235	0.0053	0.034	—	pCi/L	U	U	08-784	CAPA-08-10961	GELC
Homestead Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0142	0.0076	0.04	—	pCi/L	U	U	08-310	CAPA-08-9232	GELC
Homestead Spring	—	—	9/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0207	0.0066	0.031	—	pCi/L	U	U	08-1919	CAPA-08-14908	GELC
Homestead Spring	—	—	6/24/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0183	0.0077	0.048	—	pCi/L	U	U	08-1449	CAPA-08-13050	GELC
Homestead Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0531	0.011	0.042	—	pCi/L	—	—	08-784	CAPA-08-10962	GELC
Homestead Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0464	0.011	0.044	—	pCi/L	—	—	08-310	CAPA-08-9231	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	<	0.0489	0.013	0.056	—	pCi/L	U	U	09-3269	CAPA-09-12097	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.117	0.019	0.054	—	pCi/L	—	—	09-3269	CAPA-09-12094	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0385	0.0089	0.032	—	pCi/L	—	—	08-1919	CAPA-08-14909	GELC
Homestead Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0135	0.0093	0.042	—	pCi/L	U	U	08-1449	CAPA-08-13051	GELC
Homestead Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.04	0.0098	0.044	—	pCi/L	U	U	08-784	CAPA-08-10961	GELC
Homestead Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.076	0.014	0.048	—	pCi/L	—	—	08-310	CAPA-08-9232	GELC
Homestead Spring	—	—	9/16/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.325	—	—	0.3	ug/L	J	J	09-3267	CAPA-09-12094	GELC
Homestead Spring	—	—	9/11/2008	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3	ug/L	U	U	08-1922	CAPA-08-14909	GELC
Homestead Spring	—	—	6/24/2008	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.5	ug/L	U	UJ	08-1448	CAPA-08-13051	GELC
Homestead Spring	—	—	3/11/2008	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.5	ug/L	U	U	08-784	CAPA-08-10961	GELC
Homestead Spring	—	—	12/3/2007	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.5	ug/L	U	U	08-310	CAPA-08-9232	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68	—	—	0.73	mg/L	—	—	09-3236	CAPA-09-12106	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
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.3	—	—	0.73	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	75.8	—	—	0.73	mg/L	—	—	09-484	CAPA-09-1101	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.7	—	—	0.73	mg/L	—	—	08-1932	CAPA-08-14920	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19	—	—	0.05	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	0.03	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	0.03	mg/L	—	—	09-485	CAPA-09-1101	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.6	—	—	0.05	mg/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	0.03	mg/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.7	—	—	0.03	mg/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	17.6	—	—	0.33	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	34.8	—	—	0.13	mg/L	—	J+	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	25.4	—	—	0.13	mg/L	—	J-	09-484	CAPA-09-1101	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20.1	—	—	0.13	mg/L	—	—	08-1932	CAPA-08-14920	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.278	—	—	0.033	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.154	—	—	0.033	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.173	—	—	0.033	mg/L	—	—	09-484	CAPA-09-1101	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.151	—	—	0.033	mg/L	—	—	08-1932	CAPA-08-14920	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	69.8	—	—	0.35	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80.2	—	—	0.35	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	82.2	—	—	0.35	mg/L	—	—	09-485	CAPA-09-1101	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	68.6	—	—	0.35	mg/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82	—	—	0.35	mg/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	87.4	—	—	0.35	mg/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.41	—	—	0.085	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.23	—	—	0.085	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.5	—	—	0.085	mg/L	—	—	09-485	CAPA-09-1101	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.37	—	—	0.085	mg/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.43	—	—	0.085	mg/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.86	—	—	0.085	mg/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.905	—	—	0.05	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.13	—	—	0.05	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.36	—	—	0.05	mg/L	—	—	09-484	CAPA-09-1101	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.05	—	—	0.05	mg/L	—	—	08-1932	CAPA-08-14920	GELC
Kieling Spring	—	—	6/10/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.665	—	—	0.05	mg/L	—	—	08-1325	CAPA-08-13063	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.474	—	—	0.05	ug/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.563	—	—	0.05	ug/L	—	J	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.804	—	—	0.05	ug/L	—	—	09-484	CAPA-09-1101	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.528	—	—	0.05	ug/L	—	J+	08-1932	CAPA-08-14920	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.12	—	—	0.05	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.27	—	—	0.05	mg/L	E	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.22	—	—	0.05	mg/L	—	—	09-485	CAPA-09-1101	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.1	—	—	0.05	mg/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.51	—	—	0.05	mg/L	E	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.3	—	—	0.05	mg/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.6	—	—	0.1	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	24	—	—	0.045	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.6	—	—	0.045	mg/L	—	—	09-485	CAPA-09-1101	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.6	—	—	0.1	mg/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.1	—	—	0.045	mg/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.4	—	—	0.045	mg/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	245	—	—	1	uS/cm	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	275	—	—	1	uS/cm	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.28	—	—	0.1	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.39	—	—	0.1	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.9	—	—	0.1	mg/L	—	J-	09-484	CAPA-09-1101	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.05	—	—	0.1	mg/L	—	—	08-1932	CAPA-08-14920	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	155	—	—	2.4	mg/L	—	—	09-3236	CAPA-09-12106	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
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	174	—	—	2.4	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	180	—	—	2.4	mg/L	—	—	09-484	CAPA-09-1101	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	140	—	—	2.4	mg/L	—	—	08-1932	CAPA-08-14920	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.242	—	—	0.033	mg/L	—	—	09-3235	CAPA-09-12107	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.366	—	—	0.029	mg/L	—	U	09-1140	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.105	—	—	0.029	mg/L	—	J+	09-484	CAPA-09-1100	GELC
Kieling Spring	—	—	9/12/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	U	08-1932	CAPA-08-14918	GELC
Kieling Spring	—	—	6/10/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.185	—	—	0.029	mg/L	—	U	08-1324	CAPA-08-13062	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.93	—	—	0.33	mg/L	—	—	09-3235	CAPA-09-12107	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.13	—	—	0.33	mg/L	—	J	09-1140	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.04	—	—	0.33	mg/L	—	—	09-484	CAPA-09-1100	GELC
Kieling Spring	—	—	9/12/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.02	—	—	0.33	mg/L	—	—	08-1932	CAPA-08-14918	GELC
Kieling Spring	—	—	6/10/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.62	—	—	0.33	mg/L	—	—	08-1324	CAPA-08-13062	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.41	—	—	0.01	SU	H	J-	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.57	—	—	0.01	SU	H	J-	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.122	—	—	0.1	ug/L	J	J	09-3235	CAPA-09-12107	GELC
Kieling Spring	—	—	6/3/2009	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.125	—	—	0.1	ug/L	J	J	09-2165	CAPA-09-9308	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.125	—	—	0.1	ug/L	J	J	09-1140	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.257	—	—	0.1	ug/L	J	J	09-486	CAPA-09-1100	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.114	—	—	0.1	ug/L	J	J	09-3235	CAPA-09-12107	GELC
Kieling Spring	—	—	6/3/2009	WG	UF	CS	—	Hexp	SW-846:8321	RDX	<	0.325	—	—	0.13	ug/L	U	U	09-2165	CAPA-09-9308	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.147	—	—	0.13	ug/L	J	J	09-1140	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	2.04	—	—	0.13	ug/L	—	—	09-486	CAPA-09-1100	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Hexp	SW-846:8321	TATB	—	0.436	—	—	0.39	ug/L	J	J	09-3235	CAPA-09-12107	GELC
Kieling Spring	—	—	6/3/2009	WG	UF	CS	—	Hexp	SW-846:8321	TATB	<	1.3	—	—	0.47	ug/L	U	U	09-2165	CAPA-09-9308	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Hexp	SW-846:8321	TATB	<	1.3	—	—	0.47	ug/L	U	U	09-1140	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Hexp	SW-846:8321	TATB	<	1.3	—	—	0.47	ug/L	U	U	09-486	CAPA-09-1100	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	424	—	—	68	ug/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	625	—	—	68	ug/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	73.7	—	—	68	ug/L	J	—	09-485	CAPA-09-1101	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	716	—	—	68	ug/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2650	—	—	68	ug/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	220	—	—	68	ug/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	70.2	—	—	1	ug/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	78.6	—	—	1	ug/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	74.8	—	—	1	ug/L	—	—	09-485	CAPA-09-1101	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	70.4	—	—	1	ug/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	87.3	—	—	1	ug/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	75.8	—	—	1	ug/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	213	—	—	30	ug/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	291	—	—	25	ug/L	—	U	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	55	—	—	25	ug/L	J	—	09-485	CAPA-09-1101	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	373	—	—	30	ug/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1320	—	—	25	ug/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	129	—	—	25	ug/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.66	—	—	2	ug/L	J	J	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.9	—	—	2	ug/L	J	J	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-485	CAPA-09-1101	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.99	—	—	2	ug/L	J	J	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	14.2	—	—	2	ug/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.4	—	—	2	ug/L	J	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.904	—	—	0.5	ug/L	J	J	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.74	—	—	0.5	ug/L	J	J	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.71	—	—	0.5	ug/L	J	—	09-485	CAPA-09-1101	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.815	—	—	0.5	ug/L	J	J	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	0.5	ug/L	J	J	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.72	—	—	0.5	ug/L	J	—	09-485	CAPA-09-1100	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
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	40.9	—	—	0.053	mg/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	40.1	—	—	0.032	mg/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	38	—	—	0.032	mg/L	—	—	09-484	CAPA-09-1101	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	35.1	—	—	0.032	mg/L	—	—	08-1932	CAPA-08-14920	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6020	Silver	—	0.224	—	—	0.2	ug/L	J	J	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	09-485	CAPA-09-1101	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6020	Silver	—	0.362	—	—	0.2	ug/L	J	J	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Metals	SW-846:6020	Silver	—	0.58	—	—	0.2	ug/L	J	J	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	127	—	—	1	ug/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	137	—	—	1	ug/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	143	—	—	1	ug/L	—	—	09-485	CAPA-09-1101	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	123	—	—	1	ug/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	140	—	—	1	ug/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	148	—	—	1	ug/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.574	—	—	0.05	ug/L	—	—	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.38	—	—	0.05	ug/L	—	—	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.63	—	—	0.05	ug/L	—	—	09-485	CAPA-09-1101	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.64	—	—	0.05	ug/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.7	—	—	0.05	ug/L	—	—	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.72	—	—	0.05	ug/L	—	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.59	—	—	1	ug/L	J	J	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.4	—	—	1	ug/L	J	J	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2	—	—	1	ug/L	J	—	09-485	CAPA-09-1101	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.86	—	—	1	ug/L	J	J	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.9	—	—	1	ug/L	J	J	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.3	—	—	1	ug/L	J	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.38	—	—	3.3	ug/L	J	J	09-3236	CAPA-09-12106	GELC
Kieling Spring	—	—	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.4	—	—	2	ug/L	J	U	09-1141	CAPA-09-4082	GELC
Kieling Spring	—	—	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.2	—	—	2	ug/L	J	—	09-485	CAPA-09-1101	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.57	—	—	3.3	ug/L	J	J	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	7	—	—	2	ug/L	J	U	09-1141	CAPA-09-4081	GELC
Kieling Spring	—	—	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.5	—	—	2	ug/L	J	—	09-485	CAPA-09-1100	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0305	0.012	0.027	—	pCi/L	—	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	6/10/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0115	0.0075	0.036	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0227	0.011	0.046	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00524	0.0075	0.038	—	pCi/L	U	U	08-306	CAPA-08-9211	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00695	0.0041	0.029	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0108	0.0093	0.034	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00935	0.009	0.041	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0214	0.011	0.041	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0361	0.011	0.044	—	pCi/L	U	U	08-306	CAPA-08-9210	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.931	1.5	5.2	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.32	1.3	4	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.417	1.1	3.6	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0345	1.3	4.5	—	pCi/L	U	U	08-306	CAPA-08-9211	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.73	1.3	4.1	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.232	1.2	3.9	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.1	1.3	4.6	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.202	2.2	5.8	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.165	1.2	3.9	—	pCi/L	U	U	08-306	CAPA-08-9210	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-4.6	1.6	3.2	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.587	1.2	3.8	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.37	1.2	3.7	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.38	1.2	3.7	—	pCi/L	U	U	08-306	CAPA-08-9211	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.5	1.3	4.5	—	pCi/L	U	U	09-3236	CAPA-09-12107	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
Kieling Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.195	1.4	4.4	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.45	1.4	4	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.08	1.5	5.5	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.35	1.4	5	—	pCi/L	U	U	08-306	CAPA-08-9210	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.24	0.92	2.2	—	pCi/L	—	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	9/4/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.11	0.78	2.3	—	pCi/L	U	U	193122	GF070800GSLK01	GELC
Kieling Spring	—	—	7/10/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.2	0.926	2.88	—	pCi/L	U	U	189433	GF070600GSLK01	GELC
Kieling Spring	—	—	3/26/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	6.4	1.24	3.15	—	pCi/L	—	J	183217	GF070300GSLK01	GELC
Kieling Spring	—	—	12/7/2006	WG	F	CS	—	Rad	EPA:900	Gross beta	—	12.8	1.55	3.36	—	pCi/L	—	—	177502	GF061200GSLK01	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.14	0.87	2.6	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	9/4/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.79	1.1	2.76	—	pCi/L	—	J	193122	GU070800GSLK01	GELC
Kieling Spring	—	—	7/10/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.42	0.924	2.83	—	pCi/L	U	U	189433	GU070600GSLK01	GELC
Kieling Spring	—	—	3/26/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	7.31	1.39	3.22	—	pCi/L	—	J	183217	GU070300GSLK01	GELC
Kieling Spring	—	—	12/7/2006	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.74	0.79	2.1	—	pCi/L	—	J	177502	GU061200GSLK01	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	17.1	15	22	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	21.3	16	46	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	152	90	460	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	116	130	370	—	pCi/L	U	U	08-306	CAPA-08-9211	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	149	40	130	—	pCi/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	9.31	8	28	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	12.2	8.3	19	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	156	100	410	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	111	81	320	—	pCi/L	U	U	08-306	CAPA-08-9210	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.39	11	35	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.77	10	35	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.1	9.3	30	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.16	11	37	—	pCi/L	U	U	08-306	CAPA-08-9211	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	24.2	10	31	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.1	8.7	27	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.1	11	34	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.48	7.2	23	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.9	9.8	28	—	pCi/L	U	U	08-306	CAPA-08-9210	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00753	0.0042	0.026	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	6/10/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00316	0.005	0.019	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0114	0.0067	0.03	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00413	0.0041	0.037	—	pCi/L	U	U	08-306	CAPA-08-9211	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00169	0.0024	0.028	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	1.12E-10	0.0027	0.026	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00666	0.0053	0.02	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0057	0.033	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00708	0.0047	0.042	—	pCi/L	U	U	08-306	CAPA-08-9210	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00564	0.005	0.032	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	6/10/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00316	0.0045	0.026	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00814	0.0054	0.029	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0124	0.0066	0.035	—	pCi/L	U	U	08-306	CAPA-08-9211	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00169	0.0017	0.027	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00751	0.0053	0.032	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0117	0.0056	0.027	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00721	0.0051	0.032	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0118	0.0079	0.04	—	pCi/L	U	U	08-306	CAPA-08-9210	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-1.13	19	65	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-32.5	17	50	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	54.6	18	46	—	pCi/L	UI	R	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	30.1	20	45	—	pCi/L	U	U	08-306	CAPA-08-9211	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	3.17	14	50	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	28.1	16	44	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	26.8	16	58	—	pCi/L	U	U	08-1326	CAPA-08-13062	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
Kieling Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	19	19	66	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.97	17	43	—	pCi/L	U	U	08-306	CAPA-08-9210	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.79	1.6	4.6	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.156	0.91	3	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.313	1.3	4.2	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.718	1	3.6	—	pCi/L	U	U	08-306	CAPA-08-9211	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.615	1.1	3.4	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.594	1.4	4.4	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.602	1.2	4.1	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.789	1.5	4.4	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.202	1.2	3.9	—	pCi/L	U	U	08-306	CAPA-08-9210	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.32	0.15	0.48	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	6/10/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00667	0.11	0.41	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.383	0.15	0.46	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.126	0.045	0.14	—	pCi/L	U	U	08-306	CAPA-08-9211	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.196	0.13	0.42	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.298	0.15	0.47	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.184	0.11	0.45	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.206	0.12	0.47	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.102	0.12	0.4	—	pCi/L	U	U	08-306	CAPA-08-9210	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.025	0.015	0.069	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.00708	0.0042	0.087	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0195	0.0094	0.041	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	62.9021	2.2351	0.28737	—	pCi/L	—	—	09-3246	CAPA-09-12107	UMTL
Kieling Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	46.308079	7.104425	2.896051	—	pCi/L	—	U	08-1935	CAPA-08-14918	ARSL
Kieling Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	46.2985	1.5965	0.28737	—	pCi/L	—	—	08-1327	CAPA-08-13062	UMTL
Kieling Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	29.43946	9.03619	2.96949	—	pCi/L	—	—	08-788	CAPA-08-10981	ARSL
Kieling Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	102.4953	3.5123	0.28737	—	pCi/L	—	—	08-305	CAPA-08-9210	UMTL
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.159	0.02	0.067	—	pCi/L	—	—	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	6/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0533	0.024	0.17	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.16	0.019	0.062	—	pCi/L	—	—	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.103	0.015	0.062	—	pCi/L	—	—	08-306	CAPA-08-9211	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.284	0.032	0.078	—	pCi/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.22	0.023	0.053	—	pCi/L	—	—	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.223	0.038	0.17	—	pCi/L	—	—	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.28	0.028	0.064	—	pCi/L	—	—	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.264	0.029	0.07	—	pCi/L	—	—	08-306	CAPA-08-9210	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00484	0.0059	0.036	—	pCi/L	U	U	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	6/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00599	0.01	0.09	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0109	0.0058	0.032	—	pCi/L	U	U	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00679	0.006	0.032	—	pCi/L	U	U	08-306	CAPA-08-9211	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0245	0.0092	0.04	—	pCi/L	U	U	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.021	0.007	0.028	—	pCi/L	U	U	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0115	0.016	0.086	—	pCi/L	U	U	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0226	0.0073	0.033	—	pCi/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0129	0.0069	0.036	—	pCi/L	U	U	08-306	CAPA-08-9210	GELC
Kieling Spring	—	—	9/12/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.102	0.016	0.035	—	pCi/L	—	—	08-1933	CAPA-08-14920	GELC
Kieling Spring	—	—	6/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0291	0.02	0.11	—	pCi/L	U	U	08-1326	CAPA-08-13063	GELC
Kieling Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.097	0.014	0.041	—	pCi/L	—	—	08-789	CAPA-08-10979	GELC
Kieling Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0788	0.014	0.038	—	pCi/L	—	—	08-306	CAPA-08-9211	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.165	0.023	0.048	—	pCi/L	—	—	09-3236	CAPA-09-12107	GELC
Kieling Spring	—	—	9/12/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.158	0.018	0.028	—	pCi/L	—	—	08-1933	CAPA-08-14918	GELC
Kieling Spring	—	—	6/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.177	0.033	0.1	—	pCi/L	—	—	08-1326	CAPA-08-13062	GELC
Kieling Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.207	0.023	0.042	—	pCi/L	—	—	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.226	0.026	0.044	—	pCi/L	—	—	08-306	CAPA-08-9210	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	FTB	Voa	SW-846:8260B	Acetone	—	3.88	—	—	3.5	ug/L	J	J	09-3235	CAPA-09-12105	GELC
Kieling Spring	—	—	9/12/2008	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.5	ug/L	UH	UJ	08-1931	CAPA-08-14918	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
Kieling Spring	—	—	6/10/2008	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.3	ug/L	U	U	08-1324	CAPA-08-13062	GELC
Kieling Spring	—	—	3/11/2008	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	5	—	—	1.3	ug/L	U	U	08-789	CAPA-08-10981	GELC
Kieling Spring	—	—	9/15/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.302	—	—	0.3	ug/L	J	J	09-3235	CAPA-09-12107	GELC
Kieling Spring	—	—	9/12/2008	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3	ug/L	UH	UJ	08-1931	CAPA-08-14918	GELC
Kieling Spring	—	—	6/10/2008	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.5	ug/L	U	U	08-1324	CAPA-08-13062	GELC
Kieling Spring	—	—	3/11/2008	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.5	ug/L	U	U	08-789	CAPA-08-10981	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	36.2	—	—	0.73	mg/L	—	—	09-3281	CAPA-09-12091	GELC
PC Spring	—	—	3/4/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	32.2	—	—	0.73	mg/L	—	—	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	35.6	—	—	0.73	mg/L	—	—	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	25.4	—	—	0.73	mg/L	—	—	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	25.4	—	—	0.73	mg/L	—	—	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.024	—	—	0.016	mg/L	J	J-	09-3281	CAPA-09-12091	GELC
PC Spring	—	—	3/4/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	UJ	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	U	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	U	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	UJ	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.5	—	—	0.05	mg/L	—	—	09-3281	CAPA-09-12091	GELC
PC Spring	—	—	3/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	6.87	—	—	0.03	mg/L	—	—	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.35	—	—	0.03	mg/L	—	—	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	6.21	—	—	0.03	mg/L	—	—	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.17	—	—	0.03	mg/L	—	—	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.37	—	—	0.05	mg/L	—	—	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	3/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.22	—	—	0.03	mg/L	—	—	09-1090	CAPA-09-4072	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.11	—	—	0.03	mg/L	—	—	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	6.58	—	—	0.03	mg/L	—	—	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.21	—	—	0.03	mg/L	—	—	08-854	CAPA-08-10958	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	0.893	—	—	0.066	mg/L	—	—	09-3281	CAPA-09-12091	GELC
PC Spring	—	—	3/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	0.803	—	—	0.066	mg/L	—	—	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	0.858	—	—	0.066	mg/L	—	—	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.04	—	—	0.066	mg/L	—	—	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.8	—	—	0.066	mg/L	—	—	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.227	—	—	0.033	mg/L	—	—	09-3281	CAPA-09-12091	GELC
PC Spring	—	—	3/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.083	—	—	0.033	mg/L	J	J	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.054	—	—	0.033	mg/L	J	J	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.081	—	—	0.033	mg/L	J	J	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.1	—	—	0.033	mg/L	—	—	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.5	—	—	0.35	mg/L	—	—	09-3281	CAPA-09-12091	GELC
PC Spring	—	—	3/4/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	29.2	—	—	0.35	mg/L	—	—	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.1	—	—	0.35	mg/L	—	—	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	26.2	—	—	0.35	mg/L	—	—	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	30.1	—	—	0.43	mg/L	—	—	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	30.9	—	—	0.35	mg/L	—	—	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	3/4/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	30.6	—	—	0.35	mg/L	—	—	09-1090	CAPA-09-4072	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	30.1	—	—	0.35	mg/L	—	—	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	27.9	—	—	0.35	mg/L	—	—	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	30.5	—	—	0.43	mg/L	—	—	08-854	CAPA-08-10958	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.11	—	—	0.085	mg/L	—	—	09-3281	CAPA-09-12091	GELC
PC Spring	—	—	3/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.93	—	—	0.085	mg/L	—	—	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.09	—	—	0.085	mg/L	—	—	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.6	—	—	0.085	mg/L	—	—	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.96	—	—	0.085	mg/L	—	—	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.04	—	—	0.085	mg/L	—	—	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	3/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.06	—	—	0.085	mg/L	—	—	09-1090	CAPA-09-4072	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3	—	—	0.085	mg/L	—	—	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.79	—	—	0.085	mg/L	—	—	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.02	—	—	0.085	mg/L	—	—	08-854	CAPA-08-10958	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.271	—	—	0.05	ug/L	—	—	09-3281	CAPA-09-12091	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
PC Spring	—	—	3/4/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.262	—	—	0.05	ug/L	—	—	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.309	—	—	0.05	ug/L	—	—	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.374	—	—	0.05	ug/L	—	—	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.474	—	—	0.05	ug/L	—	—	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.01	—	—	0.05	mg/L	—	—	09-3281	CAPA-09-12091	GELC
PC Spring	—	—	3/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.27	—	—	0.05	mg/L	—	J	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.09	—	—	0.05	mg/L	—	—	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.84	—	—	0.05	mg/L	—	J	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.26	—	—	0.05	mg/L	—	—	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.01	—	—	0.05	mg/L	—	—	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	3/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.34	—	—	0.05	mg/L	—	J	09-1090	CAPA-09-4072	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.1	—	—	0.05	mg/L	—	—	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.95	—	—	0.05	mg/L	—	J	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.42	—	—	0.05	mg/L	—	—	08-854	CAPA-08-10958	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	4.44	—	—	0.1	mg/L	—	—	09-3281	CAPA-09-12091	GELC
PC Spring	—	—	3/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	4.1	—	—	0.045	mg/L	—	—	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	3.94	—	—	0.045	mg/L	—	—	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	3.62	—	—	0.045	mg/L	—	—	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	4.13	—	—	0.045	mg/L	—	—	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	4.27	—	—	0.1	mg/L	—	—	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	3/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	4.31	—	—	0.045	mg/L	—	—	09-1090	CAPA-09-4072	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	3.86	—	—	0.045	mg/L	—	—	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	3.83	—	—	0.045	mg/L	—	—	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	4.14	—	—	0.045	mg/L	—	—	08-854	CAPA-08-10958	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	88	—	—	1	uS/cm	—	—	09-3281	CAPA-09-12091	GELC
PC Spring	—	—	3/4/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	75.6	—	—	1	uS/cm	—	—	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	85.3	—	—	1	uS/cm	—	—	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	75.8	—	—	1	uS/cm	—	—	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	84.7	—	—	1	uS/cm	—	—	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.98	—	—	0.1	mg/L	—	—	09-3281	CAPA-09-12091	GELC
PC Spring	—	—	3/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.34	—	—	0.1	mg/L	—	J-	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.38	—	—	0.1	mg/L	—	—	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.3	—	—	0.1	mg/L	—	—	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	9.21	—	—	0.1	mg/L	—	—	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	77	—	—	2.4	mg/L	—	—	09-3281	CAPA-09-12091	GELC
PC Spring	—	—	3/4/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	94	—	—	2.4	mg/L	H	J-	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	80	—	—	2.4	mg/L	—	J	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	101	—	—	2.4	mg/L	—	J	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	114	—	—	2.4	mg/L	—	—	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.044	—	—	0.033	mg/L	J	J-	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	3/4/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	2.35	—	—	0.029	mg/L	—	—	09-1090	CAPA-09-4072	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.049	—	—	0.029	mg/L	J	U	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.5	—	—	0.15	mg/L	U	U	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.155	—	—	0.029	mg/L	—	—	08-854	CAPA-08-10958	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.37	—	—	0.33	mg/L	—	—	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	3/4/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.67	—	—	0.33	mg/L	—	—	09-1090	CAPA-09-4072	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.2	—	—	0.33	mg/L	—	—	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.56	—	—	0.33	mg/L	—	—	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.92	—	—	0.33	mg/L	—	—	08-854	CAPA-08-10958	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.19	—	—	0.01	SU	H	J-	09-3281	CAPA-09-12091	GELC
PC Spring	—	—	3/4/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.45	—	—	0.01	SU	H	J-	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.26	—	—	0.01	SU	H	J-	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.19	—	—	0.01	SU	H	J-	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.18	—	—	0.01	SU	H	J-	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	93.9	—	—	68	ug/L	J	J	09-3281	CAPA-09-12091	GELC
PC Spring	—	—	3/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	788	—	—	68	ug/L	—	—	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	190	—	—	68	ug/L	J	J	08-1995	CAPA-08-14904	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
PC Spring	—	—	6/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	410	—	—	68	ug/L	—	—	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	2130	—	—	68	ug/L	—	—	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	152	—	—	68	ug/L	J	J	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	3/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	847	—	—	68	ug/L	—	—	09-1090	CAPA-09-4072	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	233	—	—	68	ug/L	—	—	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	845	—	—	68	ug/L	—	—	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3750	—	—	68	ug/L	—	—	08-854	CAPA-08-10958	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	36.3	—	—	1	ug/L	—	—	09-3281	CAPA-09-12091	GELC
PC Spring	—	—	3/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.7	—	—	1	ug/L	—	—	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.2	—	—	1	ug/L	—	—	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20	—	—	1	ug/L	—	—	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	35.5	—	—	1	ug/L	—	—	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.2	—	—	1	ug/L	—	—	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	3/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.6	—	—	1	ug/L	—	—	09-1090	CAPA-09-4072	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	21.6	—	—	1	ug/L	—	—	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.4	—	—	1	ug/L	—	—	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.9	—	—	1	ug/L	—	—	08-854	CAPA-08-10958	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	40.9	—	—	0.053	mg/L	—	—	09-3281	CAPA-09-12091	GELC
PC Spring	—	—	3/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	40.2	—	—	0.032	mg/L	—	—	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	38	—	—	0.032	mg/L	—	—	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.2	—	—	0.032	mg/L	—	—	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	43.2	—	—	0.032	mg/L	—	—	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	73.5	—	—	1	ug/L	—	—	09-3281	CAPA-09-12091	GELC
PC Spring	—	—	3/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	63.2	—	—	1	ug/L	—	—	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	68.1	—	—	1	ug/L	—	—	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.7	—	—	1	ug/L	—	—	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	67.9	—	—	1	ug/L	—	—	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	71.5	—	—	1	ug/L	—	—	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	3/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	66.4	—	—	1	ug/L	—	—	09-1090	CAPA-09-4072	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	65.7	—	—	1	ug/L	—	—	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	59.2	—	—	1	ug/L	—	—	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	68.4	—	—	1	ug/L	—	—	08-854	CAPA-08-10958	GELC
PC Spring	—	—	9/17/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.29	—	—	1	ug/L	J	J	09-3281	CAPA-09-12091	GELC
PC Spring	—	—	3/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.2	—	—	1	ug/L	J	J	09-1090	CAPA-09-4071	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.6	—	—	1	ug/L	J	U	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	3	—	—	1	ug/L	J	U	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	4.3	—	—	1	ug/L	J	U	08-854	CAPA-08-10960	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.21	—	—	1	ug/L	J	J	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	3/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.3	—	—	1	ug/L	J	J	09-1090	CAPA-09-4072	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	2.9	—	—	1	ug/L	J	U	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.2	—	—	1	ug/L	J	U	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5.2	—	—	1	ug/L	—	U	08-854	CAPA-08-10958	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00664	0.012	0.027	—	pCi/L	U	U	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0117	0.0059	0.052	—	pCi/L	U	U	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00714	0.0055	0.035	—	pCi/L	U	U	08-854	CAPA-08-10960	GELC
PC Spring	—	—	12/18/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0211	0.0091	0.033	—	pCi/L	U	U	08-448	CAPA-08-9293	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000872	0.0029	0.033	—	pCi/L	U	U	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0165	0.013	0.027	—	pCi/L	U	U	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00417	0.0031	0.04	—	pCi/L	U	U	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00524	0.0074	0.038	—	pCi/L	U	U	08-854	CAPA-08-10958	GELC
PC Spring	—	—	12/18/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0102	0.011	0.028	—	pCi/L	U	U	08-448	CAPA-08-9294	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.64	1.4	3.6	—	pCi/L	U	U	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.904	1.5	5.2	—	pCi/L	U	U	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.86	1.2	3.6	—	pCi/L	U	U	08-854	CAPA-08-10960	GELC
PC Spring	—	—	12/18/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.427	1.1	3.6	—	pCi/L	U	U	08-448	CAPA-08-9293	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.21	1.6	4.9	—	pCi/L	U	U	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.33	1.4	3.9	—	pCi/L	U	U	08-1995	CAPA-08-14905	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
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.02	1.2	3.8	—	pCi/L	U	U	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.402	1.4	4.5	—	pCi/L	U	U	08-854	CAPA-08-10958	GELC
PC Spring	—	—	12/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.0982	1.4	4.5	—	pCi/L	U	U	08-448	CAPA-08-9294	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.39	1.3	4.8	—	pCi/L	U	U	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.87	1.5	4.5	—	pCi/L	U	U	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.2	1.3	3.9	—	pCi/L	U	U	08-854	CAPA-08-10960	GELC
PC Spring	—	—	12/18/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.155	1	3.2	—	pCi/L	U	U	08-448	CAPA-08-9293	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.26	1.8	5.2	—	pCi/L	U	U	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.34	1.3	4.8	—	pCi/L	U	U	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.654	1.3	4.4	—	pCi/L	U	U	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0633	1.5	4.9	—	pCi/L	U	U	08-854	CAPA-08-10958	GELC
PC Spring	—	—	12/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.107	1.2	3.8	—	pCi/L	U	U	08-448	CAPA-08-9294	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.823	0.59	1.9	—	pCi/L	U	U	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/19/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.49	0.86	2.59	—	pCi/L	U	U	194213	GF070900GSCP01	GELC
PC Spring	—	—	7/11/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.28	0.9	2.82	—	pCi/L	U	U	189489	GF070600GSCP01	GELC
PC Spring	—	—	3/28/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.24	0.871	2.91	—	pCi/L	U	U	183362	GF070300GSCP01	GELC
PC Spring	—	—	12/14/2006	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.97	0.942	2.87	—	pCi/L	—	J	177928	GF061200GSCP01	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.06	0.82	2	—	pCi/L	—	—	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/19/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.01	0.821	2.75	—	pCi/L	U	U	194213	GU070900GSCP01	GELC
PC Spring	—	—	7/11/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.12	0.729	2.21	—	pCi/L	U	U	189489	GU070600GSCP01	GELC
PC Spring	—	—	3/28/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.04	0.997	2.91	—	pCi/L	—	J	183362	GU070300GSCP01	GELC
PC Spring	—	—	12/14/2006	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.41	0.913	2.86	—	pCi/L	U	U	177928	GU061200GSCP01	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	4.24	3.6	15	—	pCi/L	U	U	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	89.3	75	250	—	pCi/L	U	U	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	122	82	330	—	pCi/L	U	U	08-854	CAPA-08-10960	GELC
PC Spring	—	—	12/18/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	68.2	130	210	—	pCi/L	U	U	08-448	CAPA-08-9293	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	6.45	10	19	—	pCi/L	U	U	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	4.63	6.2	21	—	pCi/L	U	U	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	97.6	80	300	—	pCi/L	U	U	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	92	280	400	—	pCi/L	U	U	08-854	CAPA-08-10958	GELC
PC Spring	—	—	12/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	93.9	61	230	—	pCi/L	U	U	08-448	CAPA-08-9294	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-21.7	10	31	—	pCi/L	U	U	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-34.6	11	28	—	pCi/L	U	U	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.06	7.6	26	—	pCi/L	U	U	08-854	CAPA-08-10960	GELC
PC Spring	—	—	12/18/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.9	6.7	22	—	pCi/L	U	U	08-448	CAPA-08-9293	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.582	6.5	21	—	pCi/L	U	U	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.48	9.8	32	—	pCi/L	U	U	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.25	8.5	25	—	pCi/L	U	U	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12.4	10	31	—	pCi/L	U	U	08-854	CAPA-08-10958	GELC
PC Spring	—	—	12/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	15.3	11	34	—	pCi/L	U	U	08-448	CAPA-08-9294	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00571	0.0057	0.029	—	pCi/L	U	U	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00583	0.0044	0.023	—	pCi/L	U	U	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00673	0.0067	0.031	—	pCi/L	U	U	08-854	CAPA-08-10960	GELC
PC Spring	—	—	12/18/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00672	0.0067	0.04	—	pCi/L	U	U	08-448	CAPA-08-9293	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00675	0.0039	0.038	—	pCi/L	U	U	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00421	0.0073	0.032	—	pCi/L	U	U	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.000747	0.0057	0.034	—	pCi/L	U	U	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00883	0.0053	0.032	—	pCi/L	U	U	08-854	CAPA-08-10958	GELC
PC Spring	—	—	12/18/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0024	0.043	—	pCi/L	U	U	08-448	CAPA-08-9294	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00381	0.0054	0.033	—	pCi/L	U	U	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00583	0.0034	0.031	—	pCi/L	U	U	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00504	0.0038	0.03	—	pCi/L	U	U	08-854	CAPA-08-10960	GELC
PC Spring	—	—	12/18/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00448	0.0055	0.046	—	pCi/L	U	U	08-448	CAPA-08-9293	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00225	0.005	0.036	—	pCi/L	U	U	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0021	0.0047	0.036	—	pCi/L	U	U	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00102	0.0054	0.046	—	pCi/L	U	U	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00176	0.004	0.032	—	pCi/L	U	U	08-854	CAPA-08-10958	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
PC Spring	—	—	12/18/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00236	0.0071	0.049	—	pCi/L	U	U	08-448	CAPA-08-9294	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	7.92	19	64	—	pCi/L	U	U	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	16	19	67	—	pCi/L	U	U	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	9.47	19	40	—	pCi/L	U	U	08-854	CAPA-08-10960	GELC
PC Spring	—	—	12/18/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-10.6	20	48	—	pCi/L	U	U	08-448	CAPA-08-9293	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-24.4	16	43	—	pCi/L	U	U	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	2.72	17	43	—	pCi/L	U	U	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-32.3	20	56	—	pCi/L	U	U	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	74.1	27	40	—	pCi/L	UI	R	08-854	CAPA-08-10958	GELC
PC Spring	—	—	12/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.75	16	50	—	pCi/L	U	U	08-448	CAPA-08-9294	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.853	1.5	5.1	—	pCi/L	U	U	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.00726	1.3	4.4	—	pCi/L	U	U	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	3.45	2	4.4	—	pCi/L	U	U	08-854	CAPA-08-10960	GELC
PC Spring	—	—	12/18/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0118	1.1	3.8	—	pCi/L	U	U	08-448	CAPA-08-9293	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.246	1.5	5.1	—	pCi/L	U	U	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.632	1.2	3.8	—	pCi/L	U	U	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.76	0.97	3.9	—	pCi/L	U	U	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.09	1.8	5.3	—	pCi/L	U	U	08-854	CAPA-08-10958	GELC
PC Spring	—	—	12/18/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.11	1.3	3.8	—	pCi/L	U	U	08-448	CAPA-08-9294	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.386	0.15	0.45	—	pCi/L	U	U	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.13	0.12	0.43	—	pCi/L	U	U	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.321	0.15	0.49	—	pCi/L	U	U	08-854	CAPA-08-10960	GELC
PC Spring	—	—	12/18/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00896	0.095	0.32	—	pCi/L	U	U	08-448	CAPA-08-9293	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.31	0.11	0.4	—	pCi/L	U	U	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.164	0.11	0.42	—	pCi/L	U	U	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0552	0.13	0.48	—	pCi/L	U	U	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.171	0.11	0.49	—	pCi/L	U	U	08-854	CAPA-08-10958	GELC
PC Spring	—	—	12/18/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.155	0.075	0.27	—	pCi/L	U	U	08-448	CAPA-08-9294	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.00748	0.017	0.11	—	pCi/L	U	U	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.00276	0.0085	0.14	—	pCi/L	U	U	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.000482	0.0077	0.064	—	pCi/L	U	U	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	23.50048	0.76632	0.28737	—	pCi/L	—	—	09-3321	CAPA-09-12090	UMTL
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	25.60786	0.83018	0.28737	—	pCi/L	—	—	08-2002	CAPA-08-14905	UMTL
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	28.16226	0.92597	0.28737	—	pCi/L	—	—	08-1378	CAPA-08-13048	UMTL
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	32.5686	0.9579	0.28737	—	pCi/L	—	—	08-874	CAPA-08-10958	UMTL
PC Spring	—	—	9/19/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	28.76893	0.9579	0.28737	—	pCi/L	—	—	2403	UU070900GSCP01	UMTL
PC Spring	—	—	9/19/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0308	0.013	0.083	—	pCi/L	U	U	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0461	0.01	0.069	—	pCi/L	U	U	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0478	0.013	0.07	—	pCi/L	U	U	08-854	CAPA-08-10960	GELC
PC Spring	—	—	12/18/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0442	0.0092	0.066	—	pCi/L	U	U	08-448	CAPA-08-9293	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	-0.00298	0.014	0.085	—	pCi/L	U	U	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0248	0.011	0.087	—	pCi/L	U	U	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0272	0.013	0.082	—	pCi/L	U	U	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0614	0.013	0.077	—	pCi/L	U	U	08-854	CAPA-08-10958	GELC
PC Spring	—	—	12/18/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0507	0.01	0.063	—	pCi/L	U	U	08-448	CAPA-08-9294	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0117	0.0072	0.043	—	pCi/L	U	U	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00713	0.0053	0.036	—	pCi/L	U	U	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0142	0.0059	0.035	—	pCi/L	U	U	08-854	CAPA-08-10960	GELC
PC Spring	—	—	12/18/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00875	0.0044	0.029	—	pCi/L	U	U	08-448	CAPA-08-9293	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0208	0.011	0.044	—	pCi/L	U	U	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00613	0.0075	0.045	—	pCi/L	U	U	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0112	0.0089	0.042	—	pCi/L	U	U	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00785	0.0069	0.039	—	pCi/L	U	U	08-854	CAPA-08-10958	GELC
PC Spring	—	—	12/18/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00836	0.0051	0.028	—	pCi/L	U	U	08-448	CAPA-08-9294	GELC
PC Spring	—	—	9/19/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0237	0.0076	0.046	—	pCi/L	U	U	08-1995	CAPA-08-14904	GELC
PC Spring	—	—	6/13/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0211	0.0065	0.042	—	pCi/L	U	U	08-1356	CAPA-08-13047	GELC
PC Spring	—	—	3/19/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0382	0.01	0.048	—	pCi/L	U	U	08-854	CAPA-08-10960	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
PC Spring	—	—	12/18/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0265	0.007	0.038	—	pCi/L	U	U	08-448	CAPA-08-9293	GELC
PC Spring	—	—	9/17/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	-0.00722	0.0087	0.052	—	pCi/L	U	U	09-3281	CAPA-09-12090	GELC
PC Spring	—	—	9/19/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0149	0.0093	0.048	—	pCi/L	U	U	08-1995	CAPA-08-14905	GELC
PC Spring	—	—	6/13/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0227	0.01	0.05	—	pCi/L	U	U	08-1356	CAPA-08-13048	GELC
PC Spring	—	—	3/19/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0508	0.012	0.053	—	pCi/L	U	U	08-854	CAPA-08-10958	GELC
PC Spring	—	—	12/18/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.022	0.0067	0.036	—	pCi/L	U	U	08-448	CAPA-08-9294	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	197	—	—	0.73	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	337	—	—	0.73	mg/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	441	—	—	0.73	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	350	—	—	0.73	mg/L	—	—	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	241	—	—	0.73	mg/L	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.891	—	—	0.016	mg/L	—	J-	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	1.66	—	—	0.016	mg/L	—	J-	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	1.48	—	—	0.03	mg/L	—	J-	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	1.3	—	—	0.03	mg/L	—	J-	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.932	—	—	0.03	mg/L	—	J-	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	54.5	—	—	0.05	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	89.9	—	—	0.03	mg/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	106	—	—	0.15	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	85.7	—	—	0.03	mg/L	—	—	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	61.9	—	—	0.03	mg/L	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	53.5	—	—	0.05	mg/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	90.3	—	—	0.03	mg/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	112	—	—	0.15	mg/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	84.9	—	—	0.03	mg/L	—	—	08-1864	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	62.7	—	—	0.03	mg/L	—	—	08-1302	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	23.1	—	—	0.13	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	24.5	—	—	0.13	mg/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	26.8	—	—	0.66	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	20.1	—	—	0.13	mg/L	—	J-	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	21.5	—	—	0.66	mg/L	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.328	—	—	0.033	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.187	—	—	0.033	mg/L	—	J-	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.3	—	—	0.033	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.31	—	—	0.033	mg/L	—	—	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.271	—	—	0.033	mg/L	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	187	—	—	0.35	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	304	—	—	0.35	mg/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	366	—	—	1.8	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	297	—	—	0.35	mg/L	—	—	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	217	—	—	0.35	mg/L	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	184	—	—	0.35	mg/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	305	—	—	0.35	mg/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	385	—	—	1.8	mg/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	295	—	—	0.35	mg/L	—	—	08-1864	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	219	—	—	0.35	mg/L	—	—	08-1302	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.4	—	—	0.085	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	19.2	—	—	0.085	mg/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	24.7	—	—	0.43	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	20.1	—	—	0.085	mg/L	—	—	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	15.2	—	—	0.085	mg/L	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.3	—	—	0.085	mg/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	19.3	—	—	0.085	mg/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	25.9	—	—	0.43	mg/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	20.2	—	—	0.085	mg/L	—	—	08-1864	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	15.2	—	—	0.085	mg/L	—	—	08-1302	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.79	—	—	0.05	mg/L	—	—	09-3117	CAPA-09-12211	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
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	11.3	—	—	1	mg/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.4	—	—	0.25	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.72	—	—	0.05	mg/L	E	—	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.28	—	—	0.05	mg/L	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.63	—	—	0.05	mg/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.9	—	—	1	mg/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.9	—	—	0.25	mg/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.38	—	—	0.05	mg/L	E	J	08-1864	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.4	—	—	0.05	mg/L	—	—	08-1302	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.5	—	—	0.1	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.2	—	—	0.045	mg/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	28.2	—	—	0.23	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.8	—	—	0.045	mg/L	—	—	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.5	—	—	0.045	mg/L	N	J+	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18	—	—	0.1	mg/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.4	—	—	0.045	mg/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	29.7	—	—	0.23	mg/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.2	—	—	0.045	mg/L	—	—	08-1864	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.8	—	—	0.045	mg/L	N	J+	08-1302	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	516	—	—	1	uS/cm	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	708	—	—	1	uS/cm	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	832	—	—	1	uS/cm	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	723	—	—	1	uS/cm	—	—	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	544	—	—	1	uS/cm	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.68	—	—	0.1	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.8	—	—	0.1	mg/L	—	J	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.39	—	—	0.1	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.43	—	—	0.1	mg/L	—	J-	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.66	—	—	0.1	mg/L	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	292	—	—	2.4	mg/L	—	J	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	439	—	—	2.4	mg/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	519	—	—	2.4	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	417	—	—	2.4	mg/L	—	—	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	331	—	—	2.4	mg/L	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	1.29	—	—	0.033	mg/L	—	J	09-3116	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	2.45	—	—	0.033	mg/L	—	J+	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.661	—	—	0.029	mg/L	—	—	09-420	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	1.57	—	—	0.029	mg/L	—	—	08-1863	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.146	—	—	0.029	mg/L	—	U	08-1301	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.18	—	—	0.015	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.049	—	—	0.015	mg/L	J	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.349	—	—	0.024	mg/L	—	J-	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.178	—	—	0.024	mg/L	—	—	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.149	—	—	0.024	mg/L	—	U	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.85	—	—	0.01	SU	H	J-	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.01	—	—	0.01	SU	H	J-	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.84	—	—	0.01	SU	H	J-	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.99	—	—	0.01	SU	H	J-	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.01	—	—	0.01	SU	H	J-	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	6.9	—	—	1.5	ug/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5.4	—	—	1.5	ug/L	—	U	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	4.8	—	—	1.5	ug/L	J	J	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.17	—	—	1.5	ug/L	J	J	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	5.3	—	—	1.5	ug/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	J	U	08-1864	CAPA-08-14973	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
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.2	—	—	1.5	ug/L	J	J	08-1302	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	357	—	—	1	ug/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	385	—	—	1	ug/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	601	—	—	5	ug/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	436	—	—	1	ug/L	—	—	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	281	—	—	1	ug/L	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	354	—	—	1	ug/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	390	—	—	1	ug/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	595	—	—	5	ug/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	431	—	—	1	ug/L	—	—	08-1864	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	284	—	—	1	ug/L	—	—	08-1302	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	20	—	—	1	ug/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	20.2	—	—	1	ug/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	23.6	—	—	5	ug/L	J	J	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	17.1	—	—	1	ug/L	—	—	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	9.6	—	—	1	ug/L	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	19.9	—	—	1	ug/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	19.7	—	—	1	ug/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	23.2	—	—	5	ug/L	J	J	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	16.6	—	—	1	ug/L	—	—	08-1864	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	9.8	—	—	1	ug/L	—	—	08-1302	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	7210	—	—	30	ug/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	722	—	—	25	ug/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	34200	—	—	130	ug/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	19000	—	—	25	ug/L	—	—	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	8600	—	—	25	ug/L	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	6900	—	—	30	ug/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	666	—	—	25	ug/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	35600	—	—	130	ug/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	19000	—	—	25	ug/L	—	—	08-1864	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	8620	—	—	25	ug/L	—	—	08-1302	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	9570	—	—	2	ug/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11000	—	—	40	ug/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	17500	—	—	10	ug/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11800	—	—	10	ug/L	—	—	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6040	—	—	2	ug/L	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9510	—	—	2	ug/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	11200	—	—	40	ug/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	17000	—	—	10	ug/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	12000	—	—	10	ug/L	—	—	08-1864	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5970	—	—	2	ug/L	—	—	08-1302	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	9.71	—	—	0.1	ug/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	9.74	—	—	0.1	ug/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	6.8	—	—	0.1	ug/L	—	J	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	7.3	—	—	0.1	ug/L	—	—	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	8.2	—	—	0.1	ug/L	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	9.91	—	—	0.1	ug/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	9.43	—	—	0.1	ug/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	7.3	—	—	0.1	ug/L	—	J	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	7.9	—	—	0.1	ug/L	—	—	08-1864	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	8.1	—	—	0.1	ug/L	—	—	08-1302	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	9.69	—	—	0.5	ug/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	14.9	—	—	0.5	ug/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	10.5	—	—	0.5	ug/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	7.1	—	—	0.5	ug/L	—	—	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.8	—	—	0.5	ug/L	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	9.95	—	—	0.5	ug/L	—	—	09-3117	CAPA-09-12210	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
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	14.2	—	—	0.5	ug/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	10.6	—	—	0.5	ug/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	6.9	—	—	0.5	ug/L	—	—	08-1864	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	5.7	—	—	0.5	ug/L	—	—	08-1302	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.6	—	—	0.053	mg/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	29.1	—	—	0.032	mg/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36	—	—	0.16	mg/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	38	—	—	0.032	mg/L	N	J+	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.7	—	—	0.032	mg/L	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	379	—	—	1	ug/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	551	—	—	1	ug/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	723	—	—	5	ug/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	583	—	—	1	ug/L	—	—	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	383	—	—	1	ug/L	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	369	—	—	1	ug/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	557	—	—	1	ug/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	762	—	—	5	ug/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	567	—	—	1	ug/L	—	—	08-1864	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	390	—	—	1	ug/L	—	—	08-1302	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.433	—	—	0.3	ug/L	J	J	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.714	—	—	0.3	ug/L	J	J-	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.63	—	—	0.3	ug/L	J	U	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	—	U	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.454	—	—	0.3	ug/L	J	J	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	—	U	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.454	—	—	0.3	ug/L	J	J	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.615	—	—	0.3	ug/L	J	J-	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.43	—	—	0.3	ug/L	J	J	08-1864	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	08-1302	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	4.24	—	—	0.05	ug/L	—	—	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	16.5	—	—	0.05	ug/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.42	—	—	0.05	ug/L	—	—	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.35	—	—	0.05	ug/L	—	—	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.41	—	—	0.05	ug/L	—	—	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	4.27	—	—	0.05	ug/L	—	—	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	16.3	—	—	0.05	ug/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.42	—	—	0.05	ug/L	—	—	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.48	—	—	0.05	ug/L	—	—	08-1864	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.43	—	—	0.05	ug/L	—	—	08-1302	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.2	—	—	3.3	ug/L	J	J	09-3117	CAPA-09-12211	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.36	—	—	2	ug/L	J	J	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	50	—	—	10	ug/L	U	U	09-421	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2.6	—	—	2	ug/L	J	U	08-1864	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	08-1302	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.98	—	—	3.3	ug/L	J	J	09-3117	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.73	—	—	2	ug/L	J	J	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	50	—	—	10	ug/L	U	U	09-421	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	2.3	—	—	2	ug/L	J	U	08-1864	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	08-1302	CAPA-08-13119	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00564	0.011	0.035	—	pCi/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00497	0.0018	0.026	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00373	0.0093	0.034	—	pCi/L	U	U	08-1865	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00452	0.0029	0.037	—	pCi/L	U	U	08-1303	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000579	0.0017	0.032	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0216	0.012	0.035	—	pCi/L	U	U	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00228	0.0022	0.031	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00996	0.021	0.049	—	pCi/L	U	U	08-1865	CAPA-08-14973	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
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00917	0.0045	0.04	—	pCi/L	U	U	08-1303	CAPA-08-13119	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.89	1.6	4.4	—	pCi/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.576	1.2	4	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.88	2	3.7	—	pCi/L	U	U	08-1865	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.88	1.2	4	—	pCi/L	U	U	08-1303	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.03	1.2	4.2	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.197	2	5.5	—	pCi/L	U	U	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.63	1.7	5.9	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.319	1.1	3.7	—	pCi/L	U	U	08-1865	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.04	1.6	4.9	—	pCi/L	U	U	08-1303	CAPA-08-13119	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.968	1.5	4.6	—	pCi/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.14	1.2	3.2	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.899	1.4	4.8	—	pCi/L	U	U	08-1865	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.369	1.2	3.8	—	pCi/L	U	U	08-1303	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.35	1.3	4.9	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.94	1.7	4.5	—	pCi/L	U	U	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.71	1.3	4.7	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.04	1.4	4.8	—	pCi/L	U	U	08-1865	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.06	1.6	5.9	—	pCi/L	U	U	08-1303	CAPA-08-13119	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	—	9.76	1.3	1.7	—	pCi/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	6.35	1.7	3.1	—	pCi/L	—	—	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	10.9	1.6	2.8	—	pCi/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	—	13.8	1.6	2	—	pCi/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.12	0.97	2.3	—	pCi/L	—	—	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	12.3	1.4	2.2	—	pCi/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	—	128	40	75	—	pCi/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	23.1	26	26	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	12.9	10	17	—	pCi/L	U	U	08-1865	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	184	150	430	—	pCi/L	U	U	08-1303	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	82.1	29	70	—	pCi/L	—	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	136	41	120	—	pCi/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	44.4	80	48	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	23.6	32	47	—	pCi/L	U	U	08-1865	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	158	92	440	—	pCi/L	U	U	08-1303	CAPA-08-13119	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	28.3	15	45	—	pCi/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.02	9.8	33	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.437	10	31	—	pCi/L	U	U	08-1865	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.73	15	34	—	pCi/L	U	U	08-1303	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	20	11	35	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.77	13	42	—	pCi/L	U	U	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.857	11	33	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.23	5.7	19	—	pCi/L	U	U	08-1865	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.77	12	40	—	pCi/L	U	U	08-1303	CAPA-08-13119	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00849	0.0074	0.038	—	pCi/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00239	0.0053	0.029	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00182	0.006	0.028	—	pCi/L	U	U	08-1865	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00412	0.011	0.025	—	pCi/L	U	U	08-1303	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00381	0.0038	0.034	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0111	0.0086	0.04	—	pCi/L	U	U	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00505	0.0044	0.031	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0052	0.0076	0.026	—	pCi/L	U	U	08-1865	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0039	0.012	0.023	—	pCi/L	U	U	08-1303	CAPA-08-13119	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	5.06E-10	0.0052	0.039	—	pCi/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0167	0.0072	0.038	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00182	0.0032	0.031	—	pCi/L	U	U	08-1865	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0123	0.0077	0.033	—	pCi/L	U	U	08-1303	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00191	0.0033	0.038	—	pCi/L	U	U	09-3118	CAPA-09-12210	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
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	5.28E-10	0.0063	0.04	—	pCi/L	U	U	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00252	0.0076	0.04	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00346	0.0042	0.03	—	pCi/L	U	U	08-1865	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00975	0.0098	0.032	—	pCi/L	U	U	08-1303	CAPA-08-13119	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	6.57	20	73	—	pCi/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	17.7	20	70	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	0.413	16	54	—	pCi/L	U	U	08-1865	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	8.07	15	54	—	pCi/L	U	U	08-1303	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-29.6	17	44	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	33.7	20	77	—	pCi/L	U	U	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	41.3	27	52	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	45.1	17	61	—	pCi/L	U	U	08-1865	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	24.9	18	32	—	pCi/L	U	U	08-1303	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.246	0.14	0.45	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.13	0.25	0.51	—	pCi/L	—	—	08-1865	CAPA-08-14973	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.74	0.45	1	—	pCi/L	—	—	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.553	0.16	0.37	—	pCi/L	—	—	08-1865	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.269	0.25	0.87	—	pCi/L	U	U	08-1303	CAPA-08-13119	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	RE	—	Rad	EPA:904	Radium-228	<	0.269	0.25	0.87	—	pCi/L	U	U	08-1303	CAPA-08-13119	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.4	1.7	5.2	—	pCi/L	U	U	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.237	1.3	4.4	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.00989	1.1	3.7	—	pCi/L	U	U	08-1865	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.396	1.1	3.4	—	pCi/L	U	U	08-1303	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.61	1.2	3.5	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.217	1.5	4.7	—	pCi/L	U	U	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.322	1.1	3.5	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.143	1.3	4.3	—	pCi/L	U	U	08-1865	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.06	1.7	5.1	—	pCi/L	U	U	08-1303	CAPA-08-13119	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.805	0.17	0.39	—	pCi/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	1.25	0.2	0.47	—	pCi/L	—	—	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.827	0.19	0.48	—	pCi/L	—	—	08-1865	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.316	0.15	0.48	—	pCi/L	U	U	08-1303	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.316	0.15	0.47	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.13	0.19	0.36	—	pCi/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.32	0.22	0.46	—	pCi/L	—	—	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.772	0.19	0.47	—	pCi/L	—	—	08-1865	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0449	0.14	0.48	—	pCi/L	U	U	08-1303	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.00864	0.012	0.11	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	-0.00115	0.0077	0.12	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00212	0.0023	0.04	—	pCi/L	U	U	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	46.9371	1.5965	0.28737	—	pCi/L	—	—	09-3165	CAPA-09-12210	UMTL
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	45.0213	1.5965	0.28737	—	pCi/L	—	—	09-2260	CAPA-09-9388	UMTL
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	56.1968	1.9158	0.28737	—	pCi/L	—	—	09-423	CAPA-09-1140	UMTL
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	54.281	1.9158	0.28737	—	pCi/L	—	—	08-1900	CAPA-08-14973	UMTL
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	53.3231	1.9158	0.28737	—	pCi/L	—	—	08-1328	CAPA-08-13119	UMTL
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	5.91	0.45	0.15	—	pCi/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.167	0.021	0.061	—	pCi/L	—	—	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.103	0.028	0.19	—	pCi/L	U	U	08-1865	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.185	0.037	0.18	—	pCi/L	—	—	08-1303	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.61	0.14	0.12	—	pCi/L	—	—	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	5.2	0.4	0.14	—	pCi/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.118	0.017	0.053	—	pCi/L	—	—	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.132	0.039	0.23	—	pCi/L	U	U	08-1865	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.185	0.036	0.17	—	pCi/L	—	—	08-1303	CAPA-08-13119	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.269	0.04	0.068	—	pCi/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0112	0.0051	0.032	—	pCi/L	U	U	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0134	0.0096	0.1	—	pCi/L	U	U	08-1865	CAPA-08-14974	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
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.015	0.091	—	pCi/L	U	U	08-1303	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0664	0.017	0.062	—	pCi/L	—	—	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.293	0.041	0.061	—	pCi/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0137	0.0066	0.028	—	pCi/L	U	U	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-1.95E-09	0.016	0.12	—	pCi/L	U	U	08-1865	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.0117	0.017	0.088	—	pCi/L	U	U	08-1303	CAPA-08-13119	GELC
PCAO-5	8481	14.7	6/9/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	4.79	0.37	0.068	—	pCi/L	—	—	09-2250	CAPA-09-9387	GELC
PCAO-5	8481	14.7	12/2/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.102	0.016	0.038	—	pCi/L	—	—	09-422	CAPA-09-1139	GELC
PCAO-5	8481	14.7	9/8/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0707	0.03	0.098	—	pCi/L	U	U	08-1865	CAPA-08-14974	GELC
PCAO-5	8481	14.7	6/9/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0779	0.024	0.11	—	pCi/L	U	U	08-1303	CAPA-08-13120	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	1.19	0.11	0.062	—	pCi/L	—	—	09-3118	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	4.23	0.33	0.062	—	pCi/L	—	—	09-2250	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.128	0.017	0.033	—	pCi/L	—	—	09-422	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.159	0.039	0.12	—	pCi/L	—	—	08-1865	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.109	0.031	0.1	—	pCi/L	—	—	08-1303	CAPA-08-13119	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	FD	Voa	SW-846:8260B	Toluene	—	3.77	—	—	0.25	ug/L	—	—	09-3116	CAPA-09-12212	GELC
PCAO-5	8481	14.7	9/2/2009	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	3.65	—	—	0.25	ug/L	—	—	09-3116	CAPA-09-12210	GELC
PCAO-5	8481	14.7	6/9/2009	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.514	—	—	0.25	ug/L	J	J	09-2249	CAPA-09-9388	GELC
PCAO-5	8481	14.7	12/2/2008	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	15.1	—	—	0.25	ug/L	—	—	09-420	CAPA-09-1140	GELC
PCAO-5	8481	14.7	9/8/2008	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	1.46	—	—	0.25	ug/L	—	—	08-1863	CAPA-08-14973	GELC
PCAO-5	8481	14.7	6/9/2008	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	0.25	ug/L	U	U	08-1301	CAPA-08-13119	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	—	0.00000243	—	—	0.00000243	ug/L	J	J	09-3277	CAPA-09-12214	ALTC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	<	0.00000827	—	—	0.00000827	ug/L	U	U	09-2144	CAPA-09-9390	ALTC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	—	0.00000543	—	—	0.00000543	ug/L	J	J	09-1014	CAPA-09-4342	ALTC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.1	—	—	0.73	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.1	—	—	0.73	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54	—	—	0.73	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.4	—	—	0.73	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62	—	—	0.73	mg/L	—	—	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.026	—	—	0.016	mg/L	J	J-	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	UJ	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	UJ	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	50.6	—	—	0.05	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	44.1	—	—	0.03	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	32.9	—	—	0.03	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.2	—	—	0.15	mg/L	—	—	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	51.5	—	—	0.05	mg/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	44.3	—	—	0.03	mg/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	32.5	—	—	0.03	mg/L	—	—	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.8	—	—	0.03	mg/L	—	—	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	147	—	—	0.66	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	107	—	—	1.3	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	70	—	—	0.66	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	37.9	—	—	0.33	mg/L	—	—	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.195	—	—	0.033	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.0989	—	—	0.033	mg/L	J	J	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.151	—	—	0.033	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.145	—	—	0.033	mg/L	—	—	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	183	—	—	0.35	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	160	—	—	0.35	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	120	—	—	0.35	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	81.7	—	—	1.8	mg/L	—	—	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	187	—	—	0.35	mg/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	161	—	—	0.35	mg/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	118	—	—	0.35	mg/L	—	—	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	87	—	—	0.35	mg/L	—	—	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	13.8	—	—	0.085	mg/L	—	—	09-3278	CAPA-09-12216	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
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.1	—	—	0.085	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.25	—	—	0.085	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.37	—	—	0.43	mg/L	—	—	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	14.3	—	—	0.085	mg/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	12.2	—	—	0.085	mg/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.93	—	—	0.085	mg/L	—	—	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.68	—	—	0.085	mg/L	—	—	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	3.61	—	—	0.1	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.91	—	—	0.05	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.74	—	—	0.1	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.93	—	—	0.05	mg/L	—	—	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.308	—	—	0.05	ug/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.256	—	—	0.05	ug/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.251	—	—	0.05	ug/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.252	—	—	0.05	ug/L	—	—	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.89	—	—	0.05	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.49	—	—	0.05	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.71	—	—	0.05	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.73	—	—	0.25	mg/L	—	—	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.93	—	—	0.05	mg/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.83	—	—	0.05	mg/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.43	—	—	0.05	mg/L	—	—	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.36	—	—	0.05	mg/L	—	—	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	44.5	—	—	0.1	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	35.1	—	—	0.045	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	27.5	—	—	0.045	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.4	—	—	0.23	mg/L	—	—	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	47	—	—	0.1	mg/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	35.2	—	—	0.045	mg/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	26.5	—	—	0.045	mg/L	—	—	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.8	—	—	0.045	mg/L	—	—	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	692	—	—	1	uS/cm	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	544	—	—	1	uS/cm	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	402	—	—	1	uS/cm	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.3	—	—	0.1	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.4	—	—	0.1	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.2	—	—	0.1	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.1	—	—	0.1	mg/L	—	—	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	471	—	—	2.4	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	369	—	—	2.4	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	240	—	—	2.4	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	207	—	—	2.4	mg/L	—	—	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.78	—	—	0.01	SU	H	J-	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.83	—	—	0.01	SU	H	J-	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.95	—	—	0.01	SU	H	J-	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	286	—	—	1	ug/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	224	—	—	1	ug/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	164	—	—	1	ug/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	112	—	—	5	ug/L	—	—	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	301	—	—	1	ug/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	233	—	—	1	ug/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	159	—	—	1	ug/L	—	—	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	128	—	—	1	ug/L	—	—	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	31.7	—	—	15	ug/L	J	J	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	28.4	—	—	10	ug/L	J	J	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	32.4	—	—	10	ug/L	J	J	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	250	—	—	50	ug/L	U	U	09-447	CAPA-09-1145	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
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	31.9	—	—	15	ug/L	J	J	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	29.1	—	—	10	ug/L	J	J	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	29.5	—	—	10	ug/L	J	J	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	31.8	—	—	10	ug/L	J	J	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.48	—	—	0.5	ug/L	J	J	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.998	—	—	0.5	ug/L	J	J	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.69	—	—	0.5	ug/L	J	J	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.67	—	—	0.5	ug/L	J	J	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.67	—	—	0.5	ug/L	J	J	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.98	—	—	0.5	ug/L	J	J	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.65	—	—	0.5	ug/L	J	J	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	0.5	ug/L	J	J	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	35.9	—	—	0.053	mg/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.4	—	—	0.032	mg/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.2	—	—	0.032	mg/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	30.9	—	—	0.16	mg/L	—	—	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	365	—	—	1	ug/L	—	—	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	291	—	—	1	ug/L	—	—	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	221	—	—	1	ug/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	151	—	—	5	ug/L	—	—	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	377	—	—	1	ug/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	293	—	—	1	ug/L	—	—	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	213	—	—	1	ug/L	—	—	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1	ug/L	—	—	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.092	—	—	0.05	ug/L	J	J	09-3278	CAPA-09-12216	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.096	—	—	0.05	ug/L	J	J	09-2147	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.12	—	—	0.05	ug/L	J	J	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	0.05	ug/L	U	U	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.083	—	—	0.05	ug/L	J	J	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.114	—	—	0.05	ug/L	J	J	09-2147	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.086	—	—	0.05	ug/L	J	J	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.14	—	—	0.05	ug/L	J	J	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.000666	0.0019	0.032	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0038	0.0083	0.04	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00687	0.0042	0.025	—	pCi/L	U	U	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0256	0.0074	0.032	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00859	0.0047	0.034	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00375	0.006	0.036	—	pCi/L	U	U	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00153	0.0061	0.024	—	pCi/L	U	U	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.34	1.2	4.3	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.576	1.4	4.6	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.728	1.4	4.4	—	pCi/L	U	U	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.59	1.5	4.4	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.72	1.5	4.4	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.26	1.4	4.6	—	pCi/L	U	U	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.57	1.1	4	—	pCi/L	U	U	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.753	1.4	4.3	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.555	1.2	3.6	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0811	1.3	4.4	—	pCi/L	U	U	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.991	1.8	5.4	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.898	1.5	5.2	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.295	1.5	4.7	—	pCi/L	U	U	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.315	1.1	3.7	—	pCi/L	U	U	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.249	0.78	2.9	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.672	0.66	2.3	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.07	0.87	2.9	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.969	0.82	2.9	—	pCi/L	U	U	09-2148	CAPA-09-9390	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
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.63	0.89	2.5	—	pCi/L	U	U	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.76	0.97	2.4	—	pCi/L	—	—	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.63	0.81	2.2	—	pCi/L	—	—	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.47	1.5	4.1	—	pCi/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.06	0.91	2	—	pCi/L	—	—	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.8	1.1	2.8	—	pCi/L	—	—	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	79.3	82	85	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	2.58	6.5	16	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	6.69	4.1	19	—	pCi/L	U	U	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	108	27	82	—	pCi/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	55.7	49	86	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	4.28	7.2	12	—	pCi/L	U	U	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	12.5	24	29	—	pCi/L	U	U	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.19	11	37	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	16.5	12	40	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.2	9.9	33	—	pCi/L	U	U	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	20.5	12	41	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.86	13	41	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-10.7	9	28	—	pCi/L	U	U	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.23	9.5	28	—	pCi/L	U	U	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00173	0.0017	0.031	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00181	0.0065	0.026	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0129	0.012	0.032	—	pCi/L	U	U	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00179	0.0018	0.03	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00316	0.0022	0.028	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00355	0.0044	0.025	—	pCi/L	U	U	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00761	0.0051	0.031	—	pCi/L	U	U	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0104	0.0043	0.032	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00181	0.0065	0.036	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00516	0.0097	0.041	—	pCi/L	U	U	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00358	0.0025	0.029	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00633	0.0032	0.029	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00355	0.0044	0.036	—	pCi/L	U	U	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00507	0.0044	0.04	—	pCi/L	U	U	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	38.8	16	61	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	0.167	15	49	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	36.5	26	45	—	pCi/L	U	U	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.88	18	64	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-32.2	19	58	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-10.1	15	57	—	pCi/L	U	U	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	9.98	15	55	—	pCi/L	U	U	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.319	0.17	0.51	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	9/8/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.744	0.21	0.5	—	pCi/L	—	—	08-1865	CAPA-08-14977	GELC
PCAO-7a	8501	9.7	6/22/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.105	0.13	0.5	—	pCi/L	U	U	08-1418	CAPA-08-13223	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.783	0.27	0.7	—	pCi/L	—	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	9/8/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.894	0.22	0.53	—	pCi/L	—	—	08-1865	CAPA-08-14977	GELC
PCAO-7a	8501	9.7	6/22/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.616	0.19	0.49	—	pCi/L	—	—	08-1418	CAPA-08-13223	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.92	1.3	3.7	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.849	1.4	4.5	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.869	1.2	3.6	—	pCi/L	U	U	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.239	1.4	4.7	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.379	1.4	4.4	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.02	1.5	4.2	—	pCi/L	U	U	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.77	1.2	3.4	—	pCi/L	U	U	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00978	0.11	0.43	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0909	0.087	0.31	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0133	0.096	0.39	—	pCi/L	U	U	09-447	CAPA-09-1145	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
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.147	0.081	0.39	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.128	0.1	0.34	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.217	0.11	0.41	—	pCi/L	U	U	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.201	0.16	0.53	—	pCi/L	U	U	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.000539	0.01	0.061	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	-0.00414	0.0031	0.076	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00171	0.0037	0.036	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	54.9196	1.9158	0.28737	—	pCi/L	—	—	09-3321	CAPA-09-12214	UMTL
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	53.9617	1.9158	0.28737	—	pCi/L	—	—	09-2149	CAPA-09-9390	UMTL
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	52.0459	1.5965	0.28737	—	pCi/L	—	—	09-1038	CAPA-09-4342	UMTL
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	27.30015	4.269041	2.80984	—	pCi/L	—	—	09-460	CAPA-09-1143	ARSL
PCAO-7a	8501	9.7	9/8/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	55.5582	1.9158	0.28737	—	pCi/L	—	—	08-1900	CAPA-08-14977	UMTL
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0352	0.012	0.1	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0279	0.011	0.074	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0257	0.0094	0.068	—	pCi/L	U	U	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0612	0.013	0.071	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0246	0.01	0.11	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0487	0.011	0.069	—	pCi/L	U	U	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0548	0.011	0.056	—	pCi/L	U	U	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0161	0.0073	0.047	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00479	0.0076	0.035	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0126	0.0057	0.036	—	pCi/L	U	U	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0149	0.0062	0.036	—	pCi/L	U	U	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.0069	0.051	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00668	0.008	0.032	—	pCi/L	U	U	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00208	0.0036	0.03	—	pCi/L	U	U	09-447	CAPA-09-1143	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0338	0.01	0.047	—	pCi/L	U	U	09-2148	CAPA-09-9392	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0427	0.011	0.044	—	pCi/L	U	U	09-1016	CAPA-09-4340	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0265	0.0081	0.043	—	pCi/L	U	U	09-447	CAPA-09-1145	GELC
PCAO-7a	8501	9.7	9/17/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0461	0.011	0.043	—	pCi/L	—	—	09-3278	CAPA-09-12214	GELC
PCAO-7a	8501	9.7	6/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0308	0.011	0.051	—	pCi/L	U	U	09-2148	CAPA-09-9390	GELC
PCAO-7a	8501	9.7	2/25/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0324	0.0098	0.041	—	pCi/L	U	U	09-1016	CAPA-09-4342	GELC
PCAO-7a	8501	9.7	12/4/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0504	0.011	0.035	—	pCi/L	—	—	09-447	CAPA-09-1143	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	36.2	—	—	0.73	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	30.1	—	—	0.73	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	22.3	—	—	0.73	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.024	—	—	0.016	mg/L	J	J-	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.016	mg/L	U	UJ	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	U	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.149	—	—	0.066	mg/L	J	J	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.106	—	—	0.066	mg/L	J	J+	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.137	—	—	0.067	mg/L	J	J	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.067	mg/L	U	U	09-549	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	187	—	—	0.05	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	257	—	—	0.03	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	181	—	—	0.03	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	30	—	—	0.03	mg/L	—	—	09-548	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/13/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.8	—	—	0.03	mg/L	—	—	08-1934	CAPA-08-14986	GELC
PCAO-7b2	8581	10	9/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	187	—	—	0.05	mg/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	186	—	—	0.03	mg/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	28.5	—	—	0.03	mg/L	—	—	09-548	CAPA-09-1147	GELC
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.2	—	—	0.03	mg/L	—	—	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	764	—	—	6.6	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	994	—	—	6.6	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	578	—	—	3.3	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	94.8	—	—	0.66	mg/L	—	J+	09-549	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.175	—	—	0.033	mg/L	—	—	09-3240	CAPA-09-12196	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
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.0946	—	—	0.033	mg/L	J	J	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.124	—	—	0.033	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.184	—	—	0.033	mg/L	—	—	09-549	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	697	—	—	0.35	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	937	—	—	0.35	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	666	—	—	0.35	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	110	—	—	0.35	mg/L	—	—	09-548	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/13/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	88	—	—	0.35	mg/L	—	—	08-1934	CAPA-08-14986	GELC
PCAO-7b2	8581	10	9/15/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	701	—	—	0.35	mg/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	681	—	—	0.35	mg/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	105	—	—	0.35	mg/L	—	—	09-548	CAPA-09-1147	GELC
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	92.8	—	—	0.35	mg/L	—	—	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	56	—	—	0.085	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	71.5	—	—	0.085	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	52	—	—	0.085	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.54	—	—	0.085	mg/L	—	—	09-548	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/13/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.9	—	—	0.085	mg/L	—	—	08-1934	CAPA-08-14986	GELC
PCAO-7b2	8581	10	9/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	56.9	—	—	0.085	mg/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	52.4	—	—	0.085	mg/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	8.1	—	—	0.085	mg/L	—	—	09-548	CAPA-09-1147	GELC
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.27	—	—	0.085	mg/L	—	—	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.13	—	—	0.1	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	4.69	—	—	0.05	mg/L	—	J+	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	2.18	—	—	0.05	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.279	—	—	0.05	ug/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.254	—	—	0.05	ug/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.244	—	—	0.05	ug/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	15.8	—	—	0.05	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	17.5	—	—	0.05	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	12.9	—	—	0.05	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.84	—	—	0.05	mg/L	—	—	09-548	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/13/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.17	—	—	0.05	mg/L	—	—	08-1934	CAPA-08-14986	GELC
PCAO-7b2	8581	10	9/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	16	—	—	0.05	mg/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	14.5	—	—	0.05	mg/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.57	—	—	0.05	mg/L	—	—	09-548	CAPA-09-1147	GELC
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.37	—	—	0.05	mg/L	—	—	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	211	—	—	0.1	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	298	—	—	0.045	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	140	—	—	0.045	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	44.6	—	—	0.045	mg/L	—	—	09-548	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/13/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	39.5	—	—	0.045	mg/L	—	—	08-1934	CAPA-08-14986	GELC
PCAO-7b2	8581	10	9/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	207	—	—	0.1	mg/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	139	—	—	0.045	mg/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	42	—	—	0.045	mg/L	—	—	09-548	CAPA-09-1147	GELC
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	41	—	—	0.045	mg/L	—	—	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	25700	—	—	1	uS/cm	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	3430	—	—	1	uS/cm	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	2200	—	—	1	uS/cm	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	15.1	—	—	0.1	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	17.2	—	—	0.1	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.9	—	—	0.1	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.9	—	—	0.1	mg/L	—	—	09-549	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	1690	—	—	2.4	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	2140	—	—	2.4	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	1360	—	—	2.4	mg/L	H	J-	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.5	—	—	0.01	SU	H	J-	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.63	—	—	0.01	SU	H	J-	09-2197	CAPA-09-9431	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
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.86	—	—	0.01	SU	H	J-	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	243	—	—	68	ug/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	155	—	—	68	ug/L	J	U	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	84.7	—	—	68	ug/L	JN*	J+	09-548	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U*	UJ	08-1934	CAPA-08-14986	GELC
PCAO-7b2	8581	10	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	3220	—	—	68	ug/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	8370	—	—	68	ug/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	748	—	—	68	ug/L	N*	J+	09-548	CAPA-09-1147	GELC
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1390	—	—	68	ug/L	*	J	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	1740	—	—	1	ug/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	2580	—	—	1	ug/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	1230	—	—	1	ug/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	184	—	—	1	ug/L	—	—	09-548	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	154	—	—	1	ug/L	—	—	08-1934	CAPA-08-14986	GELC
PCAO-7b2	8581	10	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	1770	—	—	1	ug/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	1280	—	—	1	ug/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	219	—	—	1	ug/L	—	—	09-548	CAPA-09-1147	GELC
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	183	—	—	1	ug/L	—	—	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.7	—	—	15	ug/L	J	J	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	22.3	—	—	10	ug/L	J	J	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	35.4	—	—	10	ug/L	J	U	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	28.2	—	—	10	ug/L	J	J	09-548	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	26.5	—	—	10	ug/L	J	J	08-1934	CAPA-08-14986	GELC
PCAO-7b2	8581	10	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17	—	—	15	ug/L	J	J	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	36.3	—	—	10	ug/L	J	U	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	26.1	—	—	10	ug/L	J	J	09-548	CAPA-09-1147	GELC
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	29.8	—	—	10	ug/L	J	J	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-548	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	08-1934	CAPA-08-14986	GELC
PCAO-7b2	8581	10	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	3.08	—	—	3	ug/L	J	J	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	5.5	—	—	3	ug/L	J	J	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-548	CAPA-09-1147	GELC
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	87.4	—	—	30	ug/L	J	J	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	32.5	—	—	25	ug/L	J	J	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	29.9	—	—	25	ug/L	J*	J	09-548	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	26.3	—	—	25	ug/L	J	J	08-1934	CAPA-08-14986	GELC
PCAO-7b2	8581	10	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1520	—	—	30	ug/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	4150	—	—	25	ug/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	361	—	—	25	ug/L	*	—	09-548	CAPA-09-1147	GELC
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	450	—	—	25	ug/L	—	—	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-548	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/13/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	08-1934	CAPA-08-14986	GELC
PCAO-7b2	8581	10	9/15/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.64	—	—	0.5	ug/L	J	J	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	4.1	—	—	0.5	ug/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	2.4	—	—	0.5	ug/L	—	—	09-548	CAPA-09-1147	GELC
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.3	—	—	0.5	ug/L	J	J	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	15.7	—	—	2	ug/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	8.42	—	—	2	ug/L	J	J	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	10.1	—	—	2	ug/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.8	—	—	2	ug/L	J*	J	09-548	CAPA-09-1148	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
PCAO-7b2	8581	10	9/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	89.2	—	—	2	ug/L	—	—	08-1934	CAPA-08-14986	GELC
PCAO-7b2	8581	10	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	69.1	—	—	2	ug/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	234	—	—	2	ug/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	104	—	—	2	ug/L	*	J	09-548	CAPA-09-1147	GELC
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	188	—	—	2	ug/L	—	—	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Metals	EPA:245.2	Mercury	—	0.103	—	—	0.066	ug/L	J	J	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.075	—	—	0.067	ug/L	J	U	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	0.067	ug/L	U	U	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	0.067	ug/L	U	U	09-548	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/13/2008	WG	F	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	0.03	ug/L	U	U	08-1934	CAPA-08-14986	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	0.067	ug/L	U	U	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	0.067	ug/L	U	U	09-548	CAPA-09-1147	GELC
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Metals	EPA:245.2	Mercury	<	0.2	—	—	0.03	ug/L	U	U	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.92	—	—	0.5	ug/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	5.2	—	—	0.5	ug/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.7	—	—	0.5	ug/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2	—	—	0.5	ug/L	—	—	09-548	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/13/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	0.5	ug/L	J	J	08-1934	CAPA-08-14986	GELC
PCAO-7b2	8581	10	9/15/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.6	—	—	0.5	ug/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	6.1	—	—	0.5	ug/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.3	—	—	0.5	ug/L	—	—	09-548	CAPA-09-1147	GELC
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3	—	—	0.5	ug/L	—	—	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	40.4	—	—	0.053	mg/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	34.3	—	—	0.032	mg/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.7	—	—	0.032	mg/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	1670	—	—	1	ug/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	2240	—	—	1	ug/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	1410	—	—	1	ug/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	221	—	—	1	ug/L	—	—	09-548	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	171	—	—	1	ug/L	—	—	08-1934	CAPA-08-14986	GELC
PCAO-7b2	8581	10	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	1670	—	—	1	ug/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	1400	—	—	1	ug/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	210	—	—	1	ug/L	—	—	09-548	CAPA-09-1147	GELC
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	180	—	—	1	ug/L	—	—	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.49	—	—	0.3	ug/L	J	U	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-548	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/13/2008	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	08-1934	CAPA-08-14986	GELC
PCAO-7b2	8581	10	9/15/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.509	—	—	0.3	ug/L	J	J	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-548	CAPA-09-1147	GELC
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-548	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.9	—	—	1	ug/L	J	U	08-1934	CAPA-08-14986	GELC
PCAO-7b2	8581	10	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.44	—	—	1	ug/L	J	J	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.8	—	—	1	ug/L	—	—	09-1137	CAPA-09-4383	GELC
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1.2	—	—	1	ug/L	J	U	09-548	CAPA-09-1147	GELC
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	4.8	—	—	1	ug/L	J	U	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	9/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	137	—	—	3.3	ug/L	—	—	09-3240	CAPA-09-12196	GELC
PCAO-7b2	8581	10	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	163	—	—	2	ug/L	—	—	09-2197	CAPA-09-9431	GELC
PCAO-7b2	8581	10	3/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	143	—	—	2	ug/L	—	—	09-1137	CAPA-09-4381	GELC
PCAO-7b2	8581	10	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	36.4	—	—	2	ug/L	—	—	09-548	CAPA-09-1148	GELC
PCAO-7b2	8581	10	9/13/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	26.6	—	—	2	ug/L	—	—	08-1934	CAPA-08-14986	GELC
PCAO-7b2	8581	10	9/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	145	—	—	3.3	ug/L	—	—	09-3240	CAPA-09-12194	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	132	—	—	2	ug/L	—	—	09-1137	CAPA-09-4383	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
PCAO-7b2	8581	10	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	28	—	—	2	ug/L	—	—	09-548	CAPA-09-1147	GELC
PCAO-7b2	8581	10	9/13/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	35.1	—	—	2	ug/L	—	—	08-1934	CAPA-08-14985	GELC
PCAO-7b2	8581	10	9/15/2009	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.31	—	—	0.3	ug/L	J	J	09-3240	CAPA-09-12195	GELC
PCAO-7b2	8581	10	6/4/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.4	—	—	0.3	ug/L	J	J	09-2196	CAPA-09-9432	GELC
PCAO-7b2	8581	10	3/6/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.3	ug/L	U	UJ	09-1137	CAPA-09-4383	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.5	—	—	0.73	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52	—	—	0.73	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.9	—	—	0.73	mg/L	—	—	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62	—	—	0.73	mg/L	—	—	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.3	—	—	0.73	mg/L	—	—	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.5	—	—	0.05	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.7	—	—	0.03	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.4	—	—	0.03	mg/L	—	—	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	0.03	mg/L	—	—	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.6	—	—	0.03	mg/L	—	—	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.1	—	—	0.05	mg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.8	—	—	0.03	mg/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.4	—	—	0.03	mg/L	—	—	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.2	—	—	0.03	mg/L	—	—	09-437	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.7	—	—	0.03	mg/L	—	—	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	22.5	—	—	0.33	mg/L	—	J-	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	30.9	—	—	0.13	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	25.4	—	—	0.66	mg/L	—	—	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	29.2	—	—	0.33	mg/L	—	—	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	31.6	—	—	0.33	mg/L	—	J-	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.29	—	—	0.033	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.252	—	—	0.033	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.134	—	—	0.033	mg/L	—	—	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.215	—	—	0.033	mg/L	—	—	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.191	—	—	0.033	mg/L	—	—	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	65.2	—	—	0.35	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	64.5	—	—	0.35	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	68.4	—	—	0.35	mg/L	—	—	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	79.6	—	—	0.35	mg/L	—	—	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	82.4	—	—	0.35	mg/L	—	—	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	66.9	—	—	0.35	mg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	65.3	—	—	0.35	mg/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	68.7	—	—	0.35	mg/L	—	—	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	78.1	—	—	0.35	mg/L	—	—	09-437	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	84.4	—	—	0.35	mg/L	—	—	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.2	—	—	0.085	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.94	—	—	0.085	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.44	—	—	0.085	mg/L	—	—	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.19	—	—	0.085	mg/L	—	—	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.28	—	—	0.085	mg/L	—	—	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.3	—	—	0.085	mg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.09	—	—	0.085	mg/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.52	—	—	0.085	mg/L	—	—	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.08	—	—	0.085	mg/L	—	—	09-437	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.7	—	—	0.085	mg/L	—	—	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.262	—	—	0.05	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.54	—	—	0.05	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.116	—	—	0.05	mg/L	J	J	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.085	—	—	0.05	mg/L	J	J	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.05	—	—	0.01	mg/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0752	—	—	0.05	ug/L	J	J	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.122	—	—	0.05	ug/L	J	J	09-2179	CAPA-09-9394	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
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.2	—	—	0.05	ug/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0723	—	—	0.05	ug/L	J	J	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	<	0.2	—	—	0.05	ug/L	U	UJ	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.81	—	—	0.05	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.34	—	—	0.05	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.42	—	—	0.05	mg/L	E	—	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.93	—	—	0.05	mg/L	—	—	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.67	—	—	0.05	mg/L	—	—	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.93	—	—	0.05	mg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.39	—	—	0.05	mg/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.45	—	—	0.05	mg/L	E	—	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.94	—	—	0.05	mg/L	—	—	09-437	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.94	—	—	0.05	mg/L	—	—	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.9	—	—	0.1	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.8	—	—	0.045	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.8	—	—	0.045	mg/L	—	—	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.8	—	—	0.045	mg/L	—	—	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.5	—	—	0.045	mg/L	—	—	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	22.2	—	—	0.1	mg/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.5	—	—	0.045	mg/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.8	—	—	0.045	mg/L	—	—	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	21.8	—	—	0.045	mg/L	—	—	09-437	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.7	—	—	0.045	mg/L	—	—	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	244	—	—	1	uS/cm	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	241	—	—	1	uS/cm	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	257	—	—	1	uS/cm	—	—	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	277	—	—	1	uS/cm	—	—	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	295	—	—	1	uS/cm	—	—	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.7	—	—	0.1	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.6	—	—	0.1	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	16.9	—	—	0.1	mg/L	—	—	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	15.3	—	—	0.1	mg/L	—	J-	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	16.1	—	—	0.1	mg/L	—	J-	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	409	—	—	2.4	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	268	—	—	2.4	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	160	—	—	2.4	mg/L	—	—	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	202	—	—	2.4	mg/L	—	—	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	194	—	—	2.4	mg/L	—	—	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.222	—	—	0.033	mg/L	—	J-	09-3223	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.033	mg/L	U	UJ	09-2178	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.046	—	—	0.029	mg/L	J	J+	09-436	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.103	—	—	0.029	mg/L	—	—	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.46	—	—	0.01	SU	H	J-	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.48	—	—	0.01	SU	H	J-	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.86	—	—	0.01	SU	H	J-	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.41	—	—	0.01	SU	H	J-	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.55	—	—	0.01	SU	H	J-	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	817	—	—	68	ug/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	315	—	—	68	ug/L	—	U	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	116	—	—	68	ug/L	J	J	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	153	—	—	68	ug/L	J	J	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1170	—	—	68	ug/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	988	—	—	68	ug/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	629	—	—	68	ug/L	—	—	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	597	—	—	68	ug/L	—	—	09-437	CAPA-09-1153	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
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1010	—	—	68	ug/L	—	—	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	95.4	—	—	1	ug/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	84.6	—	—	1	ug/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	87.4	—	—	1	ug/L	—	—	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	97.9	—	—	1	ug/L	—	—	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	103	—	—	1	ug/L	—	—	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	100	—	—	1	ug/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	86.7	—	—	1	ug/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	87.7	—	—	1	ug/L	—	—	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	98	—	—	1	ug/L	—	—	09-437	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	110	—	—	1	ug/L	—	—	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.6	—	—	1.5	ug/L	J	J	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.74	—	—	2.5	ug/L	J	J	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.5	—	—	1.5	ug/L	J	J	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.8	—	—	1.5	ug/L	J	J	09-437	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	1.5	—	—	1.5	ug/L	J	J	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	461	—	—	30	ug/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	153	—	—	25	ug/L	—	U	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	29.4	—	—	25	ug/L	J	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	62.2	—	—	25	ug/L	J	J	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	80	—	—	25	ug/L	J	J	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	652	—	—	30	ug/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	485	—	—	25	ug/L	—	J	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	329	—	—	25	ug/L	—	J	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	343	—	—	25	ug/L	—	—	09-437	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	556	—	—	25	ug/L	—	—	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.608	—	—	0.5	ug/L	J	J	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-437	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.75	—	—	2	ug/L	J	J	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.5	—	—	2	ug/L	J	J	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10.8	—	—	2	ug/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.69	—	—	2	ug/L	J	J	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.9	—	—	2	ug/L	J	J	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.2	—	—	2	ug/L	J	J	09-437	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	10.2	—	—	2	ug/L	—	—	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.483	—	—	0.1	ug/L	J	J	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.569	—	—	0.1	ug/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.59	—	—	0.1	ug/L	—	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.58	—	—	0.1	ug/L	—	J	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.47	—	—	0.1	ug/L	J	J	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.492	—	—	0.1	ug/L	J	J	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.553	—	—	0.1	ug/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.62	—	—	0.1	ug/L	—	U	09-1003	CAPA-09-4343	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
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.73	—	—	0.1	ug/L	—	J	09-437	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.46	—	—	0.1	ug/L	J	J	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.01	—	—	0.5	ug/L	J	J	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.763	—	—	0.5	ug/L	J	J	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.6	—	—	0.5	ug/L	J	J	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.69	—	—	0.5	ug/L	J	J	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.84	—	—	0.5	ug/L	J	J	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.15	—	—	0.5	ug/L	J	J	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	0.5	ug/L	J	J	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	0.5	ug/L	J	J	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.84	—	—	0.5	ug/L	J	J	09-437	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.98	—	—	0.5	ug/L	J	J	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	48.6	—	—	0.053	mg/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	43.8	—	—	0.032	mg/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	43.4	—	—	0.032	mg/L	—	—	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.9	—	—	0.032	mg/L	—	—	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	45.1	—	—	0.032	mg/L	—	—	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	118	—	—	1	ug/L	—	—	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	110	—	—	1	ug/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	126	—	—	1	ug/L	—	—	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	135	—	—	1	ug/L	—	—	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	148	—	—	1	ug/L	—	—	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	120	—	—	1	ug/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	108	—	—	1	ug/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	123	—	—	1	ug/L	—	—	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	133	—	—	1	ug/L	—	—	09-437	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	150	—	—	1	ug/L	—	—	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.083	—	—	0.05	ug/L	J	J	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.067	—	—	0.05	ug/L	J	U	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	0.05	ug/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	0.05	ug/L	U	U	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	0.05	ug/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.106	—	—	0.05	ug/L	J	J	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.062	—	—	0.05	ug/L	J	U	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.058	—	—	0.05	ug/L	J	J	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.056	—	—	0.05	ug/L	J	U	09-437	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	0.05	ug/L	U	U	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.98	—	—	1	ug/L	J	J	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.1	—	—	1	ug/L	J	J	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.19	—	—	1	ug/L	J	J	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.47	—	—	1	ug/L	J	J	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.5	—	—	1	ug/L	J	J	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-437	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1	ug/L	J	J	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.86	—	—	3.3	ug/L	J	J	09-3224	CAPA-09-12219	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	18.8	—	—	2	ug/L	—	—	09-2179	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.8	—	—	2	ug/L	J	J	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.7	—	—	2	ug/L	J	J	09-437	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.4	—	—	3.3	ug/L	J	J	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	21.6	—	—	2	ug/L	—	—	09-2179	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.7	—	—	2	ug/L	J	J	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.4	—	—	2	ug/L	J	J	09-437	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.9	—	—	2	ug/L	J	J	08-1894	CAPA-08-14990	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
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00573	0.0034	0.036	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00156	0.0077	0.038	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00338	0.0078	0.025	—	pCi/L	U	U	09-438	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00386	0.0044	0.022	—	pCi/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0014	0.0021	0.038	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0107	0.0046	0.036	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000238	0.005	0.04	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0033	0.0042	0.024	—	pCi/L	U	U	09-438	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00285	0.0032	0.023	—	pCi/L	U	U	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.05	1.4	4.2	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.865	1.4	4.4	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.34	1.2	3.8	—	pCi/L	U	U	09-438	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.982	1.5	4.7	—	pCi/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.47	1.6	5	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.84	1.6	4.3	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.06	1.4	4.3	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.74	1.2	3.9	—	pCi/L	U	U	09-438	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.42	1.4	4.7	—	pCi/L	U	U	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.2	1.5	4.7	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.35	1.5	4.5	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.531	1.3	4.1	—	pCi/L	U	U	09-438	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.835	1.5	4.7	—	pCi/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.261	1.1	3.9	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.498	1.2	4	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.09	1.6	5.9	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.97	1.3	4.8	—	pCi/L	U	U	09-438	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.533	1.4	4.8	—	pCi/L	U	U	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.11	0.74	2.4	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.252	0.63	2.9	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.62	0.8	2.1	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.24	0.089	1.6	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.785	0.72	2.7	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.64	0.48	1.2	—	pCi/L	—	—	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.336	0.83	2.9	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.95	1.3	3	—	pCi/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.59	0.52	1.2	—	pCi/L	—	—	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.51	0.72	2.3	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	—	124	41	100	—	pCi/L	—	—	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	11	8.5	21	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	20.4	20	35	—	pCi/L	U	U	09-438	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	2.67	9.5	24	—	pCi/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	—	172	40	79	—	pCi/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	79.7	30	58	—	pCi/L	—	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	41.4	17	28	—	pCi/L	—	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	11	7.6	15	—	pCi/L	U	U	09-438	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	11.9	15	26	—	pCi/L	U	U	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	19.8	12	38	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.45	9.7	29	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16.6	11	32	—	pCi/L	U	U	09-438	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12.3	11	34	—	pCi/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	25.4	16	36	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	15.5	11	35	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.79	11	37	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.39	13	37	—	pCi/L	U	U	09-438	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.162	11	34	—	pCi/L	U	U	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00616	0.0054	0.037	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0018	0.006	0.026	—	pCi/L	U	U	09-1003	CAPA-09-4345	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
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00277	0.01	0.034	—	pCi/L	U	U	09-438	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00187	0.0072	0.028	—	pCi/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00203	0.0029	0.034	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0132	0.0054	0.039	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0061	0.025	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0159	0.015	0.028	—	pCi/L	U	U	09-438	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00187	0.0032	0.028	—	pCi/L	U	U	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0041	0.0058	0.037	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00541	0.004	0.036	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00277	0.0083	0.044	—	pCi/L	U	U	09-438	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00187	0.0042	0.032	—	pCi/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00203	0.0045	0.033	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00877	0.0044	0.04	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00176	0.0039	0.035	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0079	0.036	—	pCi/L	U	U	09-438	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00187	0.0042	0.032	—	pCi/L	U	U	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	7.73	18	65	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-40.8	16	49	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	17.5	20	36	—	pCi/L	U	U	09-438	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	0.315	16	32	—	pCi/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-6.26	18	51	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	36.9	16	60	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-10.5	19	60	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-6.05	18	61	—	pCi/L	U	U	09-438	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	0.828	20	66	—	pCi/L	U	U	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.499	0.19	0.45	—	pCi/L	—	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.11	0.28	0.48	—	pCi/L	—	—	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	6/22/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.666	0.19	0.38	—	pCi/L	—	—	08-1418	CAPA-08-13123	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	2.21	0.65	1.7	—	pCi/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.445	0.16	0.46	—	pCi/L	U	U	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	6/22/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.107	0.16	0.55	—	pCi/L	U	U	08-1418	CAPA-08-13123	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.14	1.2	3.1	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.66	1.2	4.3	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.18	1.4	5.1	—	pCi/L	U	U	09-438	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.54	1.6	4.8	—	pCi/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.98	1.3	4.7	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.602	1.3	4.5	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.59	1.6	5.8	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.313	1.4	4.3	—	pCi/L	U	U	09-438	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-4.03	1.7	4.2	—	pCi/L	U	U	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0106	0.13	0.45	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.129	0.078	0.25	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.37	0.15	0.44	—	pCi/L	U	U	09-438	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0706	0.077	0.26	—	pCi/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0994	0.13	0.49	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.126	0.11	0.38	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.117	0.1	0.37	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.118	0.13	0.47	—	pCi/L	U	U	09-438	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0203	0.071	0.24	—	pCi/L	U	U	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	—	0.128	0.022	0.068	—	pCi/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0483	0.011	0.085	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	—	0.0828	0.016	0.04	—	pCi/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	64.4986	1.9158	0.28737	—	pCi/L	—	—	09-3246	CAPA-09-12220	UMTL
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	46.2985	1.5965	0.28737	—	pCi/L	—	—	09-2260	CAPA-09-9395	UMTL
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	61.9442	2.2351	0.28737	—	pCi/L	—	—	09-1038	CAPA-09-4343	UMTL
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	33.81387	5.246099	2.90563	—	pCi/L	—	—	09-460	CAPA-09-1153	ARSL
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	64.4986	2.2351	0.28737	—	pCi/L	—	—	08-1900	CAPA-08-14990	UMTL

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
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.00805	0.0085	0.11	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0346	0.011	0.076	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	-0.00681	0.0095	0.073	—	pCi/L	U	U	09-438	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0262	0.0069	0.06	—	pCi/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.046	0.015	0.083	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.000028	0.0085	0.12	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0243	0.0084	0.08	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.00725	0.0072	0.06	—	pCi/L	U	U	09-438	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	-0.0273	0.018	0.085	—	pCi/L	U	U	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.005	0.052	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0049	0.006	0.035	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0189	0.0082	0.039	—	pCi/L	U	U	09-438	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00865	0.0053	0.032	—	pCi/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00577	0.0041	0.042	—	pCi/L	U	U	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0112	0.0065	0.055	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0103	0.0063	0.037	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00892	0.0045	0.032	—	pCi/L	U	U	09-438	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.0061	0.046	—	pCi/L	U	U	08-1894	CAPA-08-14990	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0199	0.0095	0.052	—	pCi/L	U	U	09-2180	CAPA-09-9394	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0277	0.0077	0.045	—	pCi/L	U	U	09-1003	CAPA-09-4345	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0218	0.0071	0.046	—	pCi/L	U	U	09-438	CAPA-09-1154	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0175	0.0066	0.031	—	pCi/L	U	U	08-1894	CAPA-08-14989	GELC
PCAO-7c	8531	9.7	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.063	0.014	0.051	—	pCi/L	—	—	09-3224	CAPA-09-12220	GELC
PCAO-7c	8531	9.7	6/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0361	0.011	0.055	—	pCi/L	U	U	09-2180	CAPA-09-9395	GELC
PCAO-7c	8531	9.7	2/24/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0166	0.006	0.047	—	pCi/L	U	U	09-1003	CAPA-09-4343	GELC
PCAO-7c	8531	9.7	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0162	0.0071	0.038	—	pCi/L	U	U	09-438	CAPA-09-1153	GELC
PCAO-7c	8531	9.7	9/9/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.00496	0.0086	0.045	—	pCi/L	U	U	08-1894	CAPA-08-14990	GELC
PCAO-8	8541	9.7	9/17/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	534	—	—	1	uS/cm	—	—	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	6/24/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	620	—	—	1	uS/cm	—	—	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	9/17/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.13	—	—	0.01	SU	H	J-	08-1970	CAPA-08-15003	GELC
PCAO-8	8541	9.7	6/24/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.36	—	—	0.01	SU	H	J-	08-1462	CAPA-08-13130	GELC
PCAO-8	8541	9.7	9/10/2009	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	—	3.2	—	—	3	ug/L	J	J	09-3188	CAPA-09-12225	GELC
PCAO-8	8541	9.7	9/17/2008	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	5	—	—	2	ug/L	U	U	08-1969	CAPA-08-15001	GELC
PCAO-8	8541	9.7	6/24/2008	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	5	—	—	2	ug/L	U	U	08-1462	CAPA-08-13131	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	48.6	—	—	0.73	mg/L	—	—	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52	—	—	0.73	mg/L	—	—	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.99	—	—	0.05	mg/L	—	—	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.33	—	—	0.03	mg/L	—	—	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.07	—	—	0.05	mg/L	—	—	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.88	—	—	0.03	mg/L	—	—	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.37	—	—	0.066	mg/L	—	—	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.47	—	—	0.066	mg/L	—	—	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.379	—	—	0.033	mg/L	—	—	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.193	—	—	0.033	mg/L	—	—	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	31.6	—	—	0.35	mg/L	—	—	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	29.4	—	—	0.35	mg/L	—	—	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	31.9	—	—	0.35	mg/L	—	—	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	31.3	—	—	0.35	mg/L	—	—	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.23	—	—	0.085	mg/L	—	—	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.08	—	—	0.085	mg/L	—	—	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.25	—	—	0.085	mg/L	—	—	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.22	—	—	0.085	mg/L	—	—	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.125	—	—	0.05	mg/L	J	J	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.05	—	—	0.01	mg/L	U	UJ	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.174	—	—	0.05	ug/L	J	J	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.192	—	—	0.05	ug/L	J	J	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.347	—	—	0.05	mg/L	—	—	09-3152	CAPA-09-12257	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
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.253	—	—	0.05	mg/L	—	—	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.396	—	—	0.05	mg/L	—	—	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.301	—	—	0.05	mg/L	—	—	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	0.1	mg/L	—	—	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	0.045	mg/L	—	—	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	0.1	mg/L	—	—	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	0.045	mg/L	—	—	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	111	—	—	1	uS/cm	—	—	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	107	—	—	1	uS/cm	—	—	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.58	—	—	0.1	mg/L	—	—	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.66	—	—	0.1	mg/L	—	—	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	120	—	—	2.4	mg/L	—	—	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	120	—	—	2.4	mg/L	—	J	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.53	—	—	0.01	SU	H	J-	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.55	—	—	0.01	SU	H	J-	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	225	—	—	68	ug/L	—	—	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	392	—	—	68	ug/L	—	—	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.6	—	—	1	ug/L	—	—	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.8	—	—	1	ug/L	—	—	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	11.6	—	—	1	ug/L	—	—	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.5	—	—	1	ug/L	—	—	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	5.85	—	—	3	ug/L	J	J	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	5.85	—	—	3	ug/L	J	J	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	148	—	—	30	ug/L	—	—	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	286	—	—	25	ug/L	—	—	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.33	—	—	2	ug/L	J	J	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11.5	—	—	2	ug/L	—	—	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.08	—	—	2	ug/L	J	J	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13.8	—	—	2	ug/L	—	—	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.891	—	—	0.1	ug/L	—	—	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.05	—	—	0.1	ug/L	—	—	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.919	—	—	0.1	ug/L	—	—	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.06	—	—	0.1	ug/L	—	—	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.691	—	—	0.5	ug/L	J	J	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	0.5	ug/L	J	J	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.04	—	—	0.5	ug/L	J	J	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.93	—	—	0.5	ug/L	J	J	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.5	—	—	0.053	mg/L	—	—	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.1	—	—	0.032	mg/L	—	—	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49	—	—	1	ug/L	—	—	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	46.6	—	—	1	ug/L	—	—	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	49.4	—	—	1	ug/L	—	—	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.3	—	—	1	ug/L	—	—	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.306	—	—	0.05	ug/L	—	—	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.576	—	—	0.05	ug/L	—	—	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.394	—	—	0.05	ug/L	—	—	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.77	—	—	0.05	ug/L	—	—	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.26	—	—	1	ug/L	J	J	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	3.27	—	—	1	ug/L	J	U	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.5	—	—	1	ug/L	J	J	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	2.05	—	—	1	ug/L	J	U	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.51	—	—	3.3	ug/L	J	J	09-3152	CAPA-09-12257	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.6	—	—	2	ug/L	J	J	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.89	—	—	3.3	ug/L	J	J	09-3152	CAPA-09-12259	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
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.57	—	—	2	ug/L	J	J	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00475	0.0039	0.049	—	pCi/L	U	U	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00423	0.0057	0.044	—	pCi/L	U	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00875	0.0087	0.038	—	pCi/L	U	U	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.577	1.4	4.7	—	pCi/L	U	U	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.011	1.2	3.7	—	pCi/L	U	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.05	1.4	4.5	—	pCi/L	U	U	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.307	0.95	3	—	pCi/L	U	U	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.831	1.2	4.1	—	pCi/L	U	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.971	1.1	4	—	pCi/L	U	U	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.11	0.53	1.6	—	pCi/L	U	U	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.61	0.98	2.3	—	pCi/L	—	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.24	0.52	1.2	—	pCi/L	—	U	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.08	0.8	2.4	—	pCi/L	U	U	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.211	0.66	2.5	—	pCi/L	U	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.95	1	2.7	—	pCi/L	—	—	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	22.7	24	61	—	pCi/L	U	U	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	62.1	27	56	—	pCi/L	—	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	10.9	7	18	—	pCi/L	U	U	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.38	11	36	—	pCi/L	U	U	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.07	11	34	—	pCi/L	U	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.9	11	37	—	pCi/L	U	U	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00481	0.0059	0.043	—	pCi/L	U	U	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00154	0.0015	0.027	—	pCi/L	U	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00917	0.0051	0.041	—	pCi/L	U	U	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00962	0.0076	0.044	—	pCi/L	U	U	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00154	0.0015	0.03	—	pCi/L	U	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.016	0.0089	0.042	—	pCi/L	U	U	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	9.54	17	41	—	pCi/L	U	U	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-21	19	51	—	pCi/L	U	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.83	18	55	—	pCi/L	U	U	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.14	0.2	0.78	—	pCi/L	U	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.601	0.18	0.4	—	pCi/L	—	—	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.304	0.23	0.75	—	pCi/L	U	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.195	0.13	0.42	—	pCi/L	U	U	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.932	1.1	3.9	—	pCi/L	U	U	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.91	1.2	3.4	—	pCi/L	U	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.75	1.3	3.8	—	pCi/L	U	U	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0858	0.14	0.49	—	pCi/L	U	U	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.164	0.12	0.45	—	pCi/L	U	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.198	0.14	0.47	—	pCi/L	U	U	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.0125	0.012	0.11	—	pCi/L	U	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0432	0.012	0.12	—	pCi/L	U	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0301	0.0092	0.041	—	pCi/L	U	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.19158	0.28737	0.28737	—	pCi/L	U	U	09-3165	CAPA-09-12259	UMTL
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.09579	0.28737	0.28737	—	pCi/L	U	U	09-2353	CAPA-09-9615	UMTL
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.27	0.049	0.25	—	pCi/L	—	J+	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.192	0.027	0.095	—	pCi/L	—	—	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.349	0.043	0.14	—	pCi/L	—	—	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.015	0.11	—	pCi/L	U	U	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00966	0.0072	0.048	—	pCi/L	U	U	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0473	0.015	0.063	—	pCi/L	U	U	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	6/11/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.124	0.034	0.11	—	pCi/L	—	J+	09-2295	CAPA-09-9617	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0912	0.017	0.048	—	pCi/L	—	—	09-3152	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.32	0.041	0.064	—	pCi/L	—	—	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	FD	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	2.38	—	—	2.1	ug/L	J	J	09-3151	CAPA-09-12258	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	2.49	—	—	2.4	ug/L	J	J	09-3151	CAPA-09-12259	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
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	<	11.4	—	—	2.3	ug/L	U	U	09-2295	CAPA-09-9615	GELC
PCI-2	8851	512	9/4/2009	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	—	3.81	—	—	3	ug/L	J	J	09-3151	CAPA-09-12259	GELC
PCI-2	8851	512	6/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	10	—	—	3	ug/L	U	U	09-2295	CAPA-09-9615	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	42.7	—	—	0.73	mg/L	—	—	09-3285	CAPA-09-12072	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	42.7	—	—	0.73	mg/L	—	—	09-3285	CAPA-09-12068	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	30.6	—	—	0.73	mg/L	—	—	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	30.2	—	—	0.73	mg/L	—	—	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	42.9	—	—	0.73	mg/L	—	—	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	9.68	—	—	0.05	mg/L	—	—	09-3285	CAPA-09-12072	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.53	—	—	0.05	mg/L	—	—	09-3285	CAPA-09-12068	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.05	—	—	0.03	mg/L	—	—	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.04	—	—	0.03	mg/L	—	—	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	9.76	—	—	0.05	mg/L	—	—	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.81	—	—	0.05	mg/L	—	—	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.61	—	—	0.03	mg/L	—	—	09-1201	CAPA-09-4052	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.08	—	—	0.03	mg/L	—	—	09-536	CAPA-09-1053	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	1.06	—	—	0.066	mg/L	—	—	09-3285	CAPA-09-12072	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.12	—	—	0.066	mg/L	—	—	09-3285	CAPA-09-12068	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.95	—	—	0.066	mg/L	—	—	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.05	—	—	0.066	mg/L	—	—	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	0.838	—	—	0.066	mg/L	—	—	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.17	—	—	0.033	mg/L	—	—	09-3285	CAPA-09-12072	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.168	—	—	0.033	mg/L	—	—	09-3285	CAPA-09-12068	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.083	—	—	0.033	mg/L	J	J	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.0483	—	—	0.033	mg/L	J	J	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.07	—	—	0.033	mg/L	J	J	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	38.8	—	—	0.35	mg/L	—	—	09-3285	CAPA-09-12072	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.2	—	—	0.35	mg/L	—	—	09-3285	CAPA-09-12068	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	28.3	—	—	0.35	mg/L	—	—	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	27.8	—	—	0.35	mg/L	—	—	09-536	CAPA-09-1068	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
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	39.1	—	—	0.35	mg/L	—	—	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.4	—	—	0.35	mg/L	—	—	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	30.5	—	—	0.35	mg/L	—	—	09-1201	CAPA-09-4052	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	28.2	—	—	0.35	mg/L	—	—	09-536	CAPA-09-1053	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.55	—	—	0.085	mg/L	—	—	09-3285	CAPA-09-12072	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.5	—	—	0.085	mg/L	—	—	09-3285	CAPA-09-12068	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.58	—	—	0.085	mg/L	—	—	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.49	—	—	0.085	mg/L	—	—	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.58	—	—	0.085	mg/L	—	—	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.63	—	—	0.085	mg/L	—	—	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.8	—	—	0.085	mg/L	—	—	09-1201	CAPA-09-4052	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.56	—	—	0.085	mg/L	—	—	09-536	CAPA-09-1053	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.102	—	—	0.05	ug/L	J	J	09-3285	CAPA-09-12072	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.113	—	—	0.05	ug/L	J	J	09-3285	CAPA-09-12068	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.219	—	—	0.05	ug/L	—	—	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.144	—	—	0.05	ug/L	J	J	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.109	—	—	0.05	ug/L	J	J+	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.53	—	—	0.05	mg/L	—	—	09-3285	CAPA-09-12072	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.48	—	—	0.05	mg/L	—	—	09-3285	CAPA-09-12068	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	0.05	mg/L	—	—	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	0.05	mg/L	—	—	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	2.6	—	—	0.05	mg/L	—	—	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.66	—	—	0.05	mg/L	—	—	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.76	—	—	0.05	mg/L	—	—	09-1201	CAPA-09-4052	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.81	—	—	0.05	mg/L	—	—	09-536	CAPA-09-1053	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	4.85	—	—	0.1	mg/L	—	—	09-3285	CAPA-09-12072	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	4.76	—	—	0.1	mg/L	—	—	09-3285	CAPA-09-12068	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	4.38	—	—	0.045	mg/L	—	—	09-1201	CAPA-09-4053	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
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	4.02	—	—	0.045	mg/L	—	—	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	4.88	—	—	0.1	mg/L	—	—	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	4.89	—	—	0.1	mg/L	—	—	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	4.7	—	—	0.045	mg/L	—	—	09-1201	CAPA-09-4052	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	3.99	—	—	0.045	mg/L	—	—	09-536	CAPA-09-1053	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	99.8	—	—	1	uS/cm	—	—	09-3285	CAPA-09-12072	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	99.7	—	—	1	uS/cm	—	—	09-3285	CAPA-09-12068	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	77	—	—	1	uS/cm	—	—	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	72.5	—	—	1	uS/cm	—	—	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	2.76	—	—	0.1	mg/L	—	—	09-3285	CAPA-09-12072	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.74	—	—	0.1	mg/L	—	—	09-3285	CAPA-09-12068	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.7	—	—	0.1	mg/L	—	—	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.63	—	—	0.1	mg/L	—	—	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.34	—	—	0.1	mg/L	—	J-	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	7.5	—	—	1.4	mg/L	—	—	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	16	—	—	2.9	mg/L	—	—	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	5	—	—	1.1	mg/L	U	U	09-1201	CAPA-09-4052	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	4.4	—	—	2.3	mg/L	J	J	09-536	CAPA-09-1053	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	10	—	—	2.3	mg/L	U	U	08-1980	CAPA-08-14882	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	74	—	—	2.4	mg/L	—	—	09-3285	CAPA-09-12072	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	66	—	—	2.4	mg/L	—	—	09-3285	CAPA-09-12068	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	70	—	—	2.4	mg/L	—	—	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	69	—	—	2.4	mg/L	—	—	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	84	—	—	2.4	mg/L	—	—	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.087	—	—	0.033	mg/L	J	J	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.741	—	—	0.029	mg/L	—	J	09-1201	CAPA-09-4052	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.237	—	—	0.029	mg/L	—	U	09-536	CAPA-09-1053	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	UJ	08-1979	CAPA-08-14882	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
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	2.98	—	—	0.33	mg/L	—	—	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.89	—	—	0.33	mg/L	—	—	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.01	—	—	0.33	mg/L	—	—	09-1201	CAPA-09-4052	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.65	—	—	0.33	mg/L	—	—	09-536	CAPA-09-1053	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.02	—	—	0.33	mg/L	—	—	08-1979	CAPA-08-14882	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.93	—	—	0.01	SU	H	J-	09-3285	CAPA-09-12072	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	0.01	SU	H	J-	09-3285	CAPA-09-12068	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.59	—	—	0.01	SU	H	J-	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.63	—	—	0.01	SU	H	J-	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	201	—	—	68	ug/L	*	—	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	307	—	—	68	ug/L	—	—	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Metals	SW-846:6010B	Aluminum	—	465	—	—	68	ug/L	—	—	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	567	—	—	68	ug/L	—	—	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	412	—	—	68	ug/L	*	—	09-1201	CAPA-09-4052	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	993	—	—	68	ug/L	—	—	09-536	CAPA-09-1053	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	FD	Metals	SW-846:6010B	Barium	—	34.4	—	—	1	ug/L	—	—	09-3285	CAPA-09-12072	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	34.2	—	—	1	ug/L	—	—	09-3285	CAPA-09-12068	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	21.9	—	—	1	ug/L	—	—	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	23.7	—	—	1	ug/L	—	—	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Metals	SW-846:6010B	Barium	—	38.5	—	—	1	ug/L	—	—	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	40.2	—	—	1	ug/L	—	—	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	25	—	—	1	ug/L	—	—	09-1201	CAPA-09-4052	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.1	—	—	1	ug/L	—	—	09-536	CAPA-09-1053	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Metals	SW-846:6010B	Iron	<	71	—	—	25	ug/L	J*	U	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	128	—	—	25	ug/L	—	—	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	257	—	—	30	ug/L	—	—	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	UF	CS	—	Metals	SW-846:6010B	Iron	<	163	—	—	25	ug/L	*	U	09-1201	CAPA-09-4052	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	465	—	—	25	ug/L	—	—	09-536	CAPA-09-1053	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
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	9.76	—	—	2	ug/L	J	J	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	12.6	—	—	2	ug/L	—	—	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.4	—	—	2	ug/L	J	J	09-1201	CAPA-09-4052	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	22.4	—	—	2	ug/L	—	—	09-536	CAPA-09-1053	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Metals	SW-846:6020	Nickel	—	0.554	—	—	0.5	ug/L	J	J	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.532	—	—	0.5	ug/L	J	J	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-1201	CAPA-09-4052	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.58	—	—	0.5	ug/L	J	J	09-536	CAPA-09-1053	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	36.5	—	—	0.053	mg/L	—	—	09-3285	CAPA-09-12072	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.4	—	—	0.053	mg/L	—	—	09-3285	CAPA-09-12068	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32.2	—	—	0.032	mg/L	N	J+	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.7	—	—	0.032	mg/L	—	—	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	33.5	—	—	0.032	mg/L	—	—	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	FD	Metals	SW-846:6010B	Strontium	—	78.3	—	—	1	ug/L	—	—	09-3285	CAPA-09-12072	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	76.9	—	—	1	ug/L	—	—	09-3285	CAPA-09-12068	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	53	—	—	1	ug/L	—	—	09-1201	CAPA-09-4053	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.4	—	—	1	ug/L	—	—	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	79.3	—	—	1	ug/L	—	—	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	80	—	—	1	ug/L	—	—	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	57.1	—	—	1	ug/L	—	—	09-1201	CAPA-09-4052	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.8	—	—	1	ug/L	—	—	09-536	CAPA-09-1053	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	2.31	—	—	1	ug/L	J	J	09-3285	CAPA-09-12072	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.28	—	—	1	ug/L	J	J	09-3285	CAPA-09-12068	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.2	—	—	1	ug/L	J	U	09-1201	CAPA-09-4053	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
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-536	CAPA-09-1068	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	2.77	—	—	1	ug/L	J	J	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.53	—	—	1	ug/L	J	J	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	3/12/2009	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	2.7	—	—	1	ug/L	J	U	09-1201	CAPA-09-4052	GELC
Pajarito 0.5 mi above SR-501	—	—	12/17/2008	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.1	—	—	1	ug/L	J	J	09-536	CAPA-09-1053	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	0.0077	0.024	—	pCi/L	U	U	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.00625	0.0064	0.038	—	pCi/L	U	U	08-1320	CAPA-08-13026	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.00363	0.0067	0.036	—	pCi/L	U	U	08-844	CAPA-08-11005	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	HASL-300	Americium-241	<	-0.000606	0.0043	0.04	—	pCi/L	U	U	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00332	0.011	0.037	—	pCi/L	U	U	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000352	0.0051	0.024	—	pCi/L	U	U	08-1980	CAPA-08-14882	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00411	0.0096	0.041	—	pCi/L	U	U	08-1320	CAPA-08-13025	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00714	0.0057	0.036	—	pCi/L	U	U	08-844	CAPA-08-11006	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.12	1.1	4	—	pCi/L	U	U	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.446	1.5	4.8	—	pCi/L	U	U	08-1320	CAPA-08-13026	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.45	1.4	4.4	—	pCi/L	U	U	08-844	CAPA-08-11005	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	-0.371	1.3	4.2	—	pCi/L	U	U	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.36	1.2	4.1	—	pCi/L	U	U	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.486	1.6	5.2	—	pCi/L	U	U	08-1980	CAPA-08-14882	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.65	1.1	3.8	—	pCi/L	U	U	08-1320	CAPA-08-13025	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.45	1.1	3.9	—	pCi/L	U	U	08-844	CAPA-08-11006	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.357	1.4	4.6	—	pCi/L	U	U	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.875	1.2	4.4	—	pCi/L	U	U	08-1320	CAPA-08-13026	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.19	1.6	5.4	—	pCi/L	U	U	08-844	CAPA-08-11005	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	1.87	1.4	4.9	—	pCi/L	U	U	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.34	1.3	4.5	—	pCi/L	U	U	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.393	1.5	4.9	—	pCi/L	U	U	08-1980	CAPA-08-14882	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.321	1.1	3.8	—	pCi/L	U	U	08-1320	CAPA-08-13025	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
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.47	1.3	4.1	—	pCi/L	U	U	08-844	CAPA-08-11006	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	EPA:900	Gross alpha/beta	<	-0.609	0.45	2.7	—	pCi/L	U	U	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	3.16	1.1	2.3	—	pCi/L	—	U	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/13/2007	WP	F	CS	—	Rad	EPA:900	Gross beta	—	2.64	0.547	1.55	—	pCi/L	—	J	193834	GF07090PPBFB01	GELC
Pajarito 0.5 mi above SR-501	—	—	6/28/2007	WS	F	CS	—	Rad	EPA:900	Gross beta	—	4.26	1.21	3.36	—	pCi/L	—	J	188897	GF07060PPBFB01	GELC
Pajarito 0.5 mi above SR-501	—	—	3/21/2007	WS	F	CS	—	Rad	EPA:900	Gross beta	<	2.19	0.768	2.41	—	pCi/L	U	U	182887	GF07030PPBFB01	GELC
Pajarito 0.5 mi above SR-501	—	—	12/5/2006	WS	F	CS	—	Rad	EPA:900	Gross beta	<	0.941	0.796	2.72	—	pCi/L	U	U	177176	GF06110PPBFB01	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	EPA:900	Gross beta	—	3.8	1.2	3.3	—	pCi/L	—	—	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	5.5	1.4	3.9	—	pCi/L	—	—	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/13/2007	WP	UF	CS	—	Rad	EPA:900	Gross beta	—	3.69	0.564	1.38	—	pCi/L	—	J	193834	GU07090PPBFB01	GELC
Pajarito 0.5 mi above SR-501	—	—	6/28/2007	WS	UF	CS	—	Rad	EPA:900	Gross beta	<	1.36	0.81	2.65	—	pCi/L	U	U	188897	GU07060PPBFB01	GELC
Pajarito 0.5 mi above SR-501	—	—	3/21/2007	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	5.08	1.1	3.01	—	pCi/L	—	J	182887	GU07030PPBFB01	GELC
Pajarito 0.5 mi above SR-501	—	—	12/5/2006	WS	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.56	0.593	2.28	—	pCi/L	U	U	177176	GU06110PPBFB01	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	11.7	60	20	—	pCi/L	U	U	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	46.7	41	170	—	pCi/L	U	U	08-1320	CAPA-08-13026	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	78.4	63	290	—	pCi/L	U	U	08-844	CAPA-08-11005	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	13.1	12	23	—	pCi/L	U	U	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	4.86	6	15	—	pCi/L	U	U	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	92.3	59	260	—	pCi/L	U	U	08-1980	CAPA-08-14882	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	29.4	32	41	—	pCi/L	U	U	08-1320	CAPA-08-13025	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	50.8	82	190	—	pCi/L	U	U	08-844	CAPA-08-11006	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.2	9.1	30	—	pCi/L	U	U	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.68	11	35	—	pCi/L	U	U	08-1320	CAPA-08-13026	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.5	13	38	—	pCi/L	U	U	08-844	CAPA-08-11005	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	-5.22	11	35	—	pCi/L	U	U	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.59	10	32	—	pCi/L	U	U	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.44	10	33	—	pCi/L	U	U	08-1980	CAPA-08-14882	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.96	9.6	29	—	pCi/L	U	U	08-1320	CAPA-08-13025	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
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.59	8.6	28	—	pCi/L	U	U	08-844	CAPA-08-11006	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00175	0.003	0.027	—	pCi/L	U	U	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00404	0.01	0.024	—	pCi/L	U	U	08-1320	CAPA-08-13026	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0018	0.0048	0.033	—	pCi/L	U	U	08-844	CAPA-08-11005	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-4.55E-10	0.0038	0.032	—	pCi/L	U	U	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00926	0.011	0.031	—	pCi/L	U	U	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00542	0.006	0.027	—	pCi/L	U	U	08-1980	CAPA-08-14882	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00953	0.0099	0.023	—	pCi/L	U	U	08-1320	CAPA-08-13025	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.006	0.031	—	pCi/L	U	U	08-844	CAPA-08-11006	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00525	0.003	0.03	—	pCi/L	U	U	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00202	0.0061	0.033	—	pCi/L	U	U	08-1320	CAPA-08-13026	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0126	0.0048	0.032	—	pCi/L	U	U	08-844	CAPA-08-11005	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	-0.00573	0.0057	0.031	—	pCi/L	U	U	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0111	0.0069	0.03	—	pCi/L	U	U	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00361	0.0036	0.031	—	pCi/L	U	U	08-1980	CAPA-08-14882	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-1.82E-09	0.0071	0.031	—	pCi/L	U	U	08-1320	CAPA-08-13025	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00515	0.003	0.031	—	pCi/L	U	U	08-844	CAPA-08-11006	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-20	16	51	—	pCi/L	U	U	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.7	17	59	—	pCi/L	U	U	08-1320	CAPA-08-13026	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	11	19	39	—	pCi/L	U	U	08-844	CAPA-08-11005	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	5.28	17	57	—	pCi/L	U	U	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-17.4	17	51	—	pCi/L	U	U	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	15	14	52	—	pCi/L	U	U	08-1980	CAPA-08-14882	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.45	14	51	—	pCi/L	U	U	08-1320	CAPA-08-13025	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	18.9	16	55	—	pCi/L	U	U	08-844	CAPA-08-11006	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.225	1.1	3.4	—	pCi/L	U	U	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.42	1.3	4.3	—	pCi/L	U	U	08-1320	CAPA-08-13026	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.649	1.5	4.5	—	pCi/L	U	U	08-844	CAPA-08-11005	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
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	0.234	1.4	4.6	—	pCi/L	U	U	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.71	1.1	3.1	—	pCi/L	U	U	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.545	1.5	4.4	—	pCi/L	U	U	08-1980	CAPA-08-14882	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.199	1.2	3.7	—	pCi/L	U	U	08-1320	CAPA-08-13025	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.212	1.3	4.1	—	pCi/L	U	U	08-844	CAPA-08-11006	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.186	0.12	0.49	—	pCi/L	U	U	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.154	0.12	0.41	—	pCi/L	U	U	08-1320	CAPA-08-13026	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.217	0.14	0.48	—	pCi/L	U	U	08-844	CAPA-08-11005	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	0.189	0.14	0.48	—	pCi/L	U	U	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0493	0.12	0.44	—	pCi/L	U	U	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0148	0.14	0.48	—	pCi/L	U	U	08-1980	CAPA-08-14882	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.192	0.13	0.42	—	pCi/L	U	U	08-1320	CAPA-08-13025	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00856	0.13	0.46	—	pCi/L	U	U	08-844	CAPA-08-11006	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	HASL-300	Thorium-228	<	0.00807	0.013	0.077	—	pCi/L	U	U	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.0315	0.013	0.076	—	pCi/L	U	U	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	HASL-300	Thorium-230	<	0.00105	0.0081	0.097	—	pCi/L	U	U	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	HASL-300	Thorium-230	<	-0.00196	0.005	0.095	—	pCi/L	U	U	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	HASL-300	Thorium-232	<	0.0079	0.0047	0.046	—	pCi/L	U	U	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0132	0.0061	0.045	—	pCi/L	U	U	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0198	0.0071	0.058	—	pCi/L	U	U	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0815	0.014	0.068	—	pCi/L	—	—	08-1320	CAPA-08-13026	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0377	0.011	0.077	—	pCi/L	U	U	08-844	CAPA-08-11005	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.344	0.034	0.063	—	pCi/L	—	—	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.023	0.0091	0.058	—	pCi/L	U	U	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0118	0.0065	0.059	—	pCi/L	U	U	08-1980	CAPA-08-14882	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0736	0.012	0.06	—	pCi/L	—	—	08-1320	CAPA-08-13025	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0562	0.012	0.086	—	pCi/L	U	U	08-844	CAPA-08-11006	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00204	0.0046	0.03	—	pCi/L	U	U	08-1980	CAPA-08-14883	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
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0281	0.0083	0.035	—	pCi/L	U	U	08-1320	CAPA-08-13026	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00777	0.0058	0.038	—	pCi/L	U	U	08-844	CAPA-08-11005	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.024	0.0074	0.032	—	pCi/L	U	U	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00401	0.0049	0.029	—	pCi/L	U	U	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00208	0.0047	0.031	—	pCi/L	U	U	08-1980	CAPA-08-14882	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00827	0.0066	0.031	—	pCi/L	U	U	08-1320	CAPA-08-13025	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00289	0.005	0.043	—	pCi/L	U	U	08-844	CAPA-08-11006	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	F	CS	—	Rad	HASL-300	Uranium-238	<	0	0.0052	0.032	—	pCi/L	U	U	08-1980	CAPA-08-14883	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0209	0.0084	0.042	—	pCi/L	U	U	08-1320	CAPA-08-13026	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0314	0.0093	0.052	—	pCi/L	U	U	08-844	CAPA-08-11005	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.233	0.026	0.038	—	pCi/L	—	—	09-3285	CAPA-09-12073	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2009	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0179	0.0064	0.035	—	pCi/L	U	U	09-3285	CAPA-09-12067	GELC
Pajarito 0.5 mi above SR-501	—	—	9/17/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0151	0.0056	0.033	—	pCi/L	U	U	08-1980	CAPA-08-14882	GELC
Pajarito 0.5 mi above SR-501	—	—	6/10/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0368	0.0085	0.037	—	pCi/L	—	—	08-1320	CAPA-08-13025	GELC
Pajarito 0.5 mi above SR-501	—	—	3/19/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0445	0.013	0.058	—	pCi/L	U	U	08-844	CAPA-08-11006	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	75.4	—	—	0.73	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	45.2	—	—	0.73	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.4	—	—	0.73	mg/L	—	—	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.9	—	—	0.73	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	41	—	—	0.73	mg/L	—	—	08-1325	CAPA-08-13032	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
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.1	—	—	0.05	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.6	—	—	0.03	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.4	—	—	0.03	mg/L	—	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15	—	—	0.03	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	0.03	mg/L	—	—	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.8	—	—	0.05	mg/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.5	—	—	0.03	mg/L	—	—	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.2	—	—	0.03	mg/L	—	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.4	—	—	0.03	mg/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	0.03	mg/L	—	—	08-1325	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	17.6	—	—	0.33	mg/L	—	—	09-3236	CAPA-09-12074	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
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	26.5	—	—	0.13	mg/L	—	J+	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	14.7	—	—	0.066	mg/L	—	J-	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	19.8	—	—	0.13	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	7.06	—	—	0.066	mg/L	—	—	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.325	—	—	0.033	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.134	—	—	0.033	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.165	—	—	0.033	mg/L	—	—	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.157	—	—	0.033	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.146	—	—	0.033	mg/L	—	—	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	77.2	—	—	0.35	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58.6	—	—	0.35	mg/L	—	—	09-1141	CAPA-09-4058	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
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	50.5	—	—	0.35	mg/L	—	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	55.6	—	—	0.35	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.6	—	—	0.35	mg/L	—	—	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	76.6	—	—	0.35	mg/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.8	—	—	0.35	mg/L	—	—	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	49.6	—	—	0.35	mg/L	—	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.4	—	—	0.35	mg/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.8	—	—	0.35	mg/L	—	—	08-1325	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.97	—	—	0.085	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.79	—	—	0.085	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.17	—	—	0.085	mg/L	—	—	09-485	CAPA-09-1074	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
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.41	—	—	0.085	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.19	—	—	0.085	mg/L	—	—	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.95	—	—	0.085	mg/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.89	—	—	0.085	mg/L	—	—	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.05	—	—	0.085	mg/L	—	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.86	—	—	0.085	mg/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.24	—	—	0.085	mg/L	—	—	08-1325	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.414	—	—	0.05	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0919	—	—	0.01	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.176	—	—	0.05	mg/L	J	J	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.131	—	—	0.05	mg/L	J	J	08-1932	CAPA-08-14890	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
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	923	—	—	10	mg/L	—	—	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.47	—	—	0.05	ug/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.304	—	—	0.05	ug/L	—	J	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.289	—	—	0.05	ug/L	—	—	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.224	—	—	0.05	ug/L	—	J+	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.284	—	—	0.05	ug/L	—	J+	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.55	—	—	0.05	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.87	—	—	0.05	mg/L	E	J	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.46	—	—	0.05	mg/L	—	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.2	—	—	0.05	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.62	—	—	0.05	mg/L	—	—	08-1325	CAPA-08-13032	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
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.75	—	—	0.05	mg/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.05	—	—	0.05	mg/L	E	—	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.47	—	—	0.05	mg/L	—	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.41	—	—	0.05	mg/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.61	—	—	0.05	mg/L	—	—	08-1325	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.6	—	—	0.1	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.2	—	—	0.045	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.6	—	—	0.045	mg/L	—	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.5	—	—	0.045	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.85	—	—	0.045	mg/L	—	—	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	23.7	—	—	0.1	mg/L	—	—	09-3236	CAPA-09-12075	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
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18	—	—	0.045	mg/L	—	—	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	0.045	mg/L	—	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.9	—	—	0.045	mg/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.57	—	—	0.045	mg/L	—	—	08-1325	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	259	—	—	1	uS/cm	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	209	—	—	1	uS/cm	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	172	—	—	1	uS/cm	—	—	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	203	—	—	1	uS/cm	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	129	—	—	1	uS/cm	—	—	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.6	—	—	0.1	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.94	—	—	0.1	mg/L	—	—	09-1141	CAPA-09-4058	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
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.64	—	—	0.1	mg/L	—	J-	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.89	—	—	0.1	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.7	—	—	0.1	mg/L	—	—	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	22.2	—	—	1.1	mg/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	3.8	—	—	1.1	mg/L	J	J	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	3.2	—	—	2.3	mg/L	J	J	09-484	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	10	—	—	2.3	mg/L	U	U	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	3.6	—	—	1.1	mg/L	J	J	08-1325	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	173	—	—	2.4	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.4	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	125	—	—	2.4	mg/L	—	—	09-484	CAPA-09-1074	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
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	138	—	—	2.4	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	107	—	—	2.4	mg/L	—	J	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.516	—	—	0.033	mg/L	—	—	09-3235	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.234	—	—	0.029	mg/L	—	U	09-1140	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	UJ	09-484	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.054	—	—	0.029	mg/L	J	J	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.126	—	—	0.029	mg/L	—	U	08-1324	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.8	—	—	0.33	mg/L	—	—	09-3235	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.12	—	—	0.33	mg/L	—	J	09-1140	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.69	—	—	0.33	mg/L	—	—	09-484	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.75	—	—	0.33	mg/L	—	—	08-1932	CAPA-08-14889	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
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.39	—	—	0.33	mg/L	—	—	08-1324	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.87	—	—	0.01	SU	H	J-	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.72	—	—	0.01	SU	H	J-	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.45	—	—	0.01	SU	H	J-	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.66	—	—	0.01	SU	H	J-	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.69	—	—	0.01	SU	H	J-	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Hexp	SW-846:8321	HMX	—	1.87	—	—	0.1	ug/L	—	—	09-3235	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.941	—	—	0.1	ug/L	—	J	09-1140	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.872	—	—	0.1	ug/L	—	—	09-486	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Hexp	SW-846:8321	HMX	—	1.07	—	—	0.1	ug/L	—	—	08-1931	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Hexp	SW-846:8321	HMX	—	0.457	—	—	0.1	ug/L	—	—	08-1324	CAPA-08-13033	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
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Hexp	SW-846:8321	RDX	—	1.94	—	—	0.1	ug/L	—	—	09-3235	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.763	—	—	0.13	ug/L	—	—	09-1140	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Hexp	SW-846:8321	RDX	—	1.05	—	—	0.13	ug/L	—	—	09-486	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.72	—	—	0.13	ug/L	—	—	08-1931	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.401	—	—	0.13	ug/L	—	J	08-1324	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1020	—	—	68	ug/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	185	—	—	68	ug/L	J	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	909	—	—	68	ug/L	—	—	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1250	—	—	68	ug/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2420	—	—	68	ug/L	—	—	09-1141	CAPA-09-4059	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
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	810	—	—	68	ug/L	—	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	842	—	—	68	ug/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1650	—	—	68	ug/L	—	—	08-1325	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	64.5	—	—	1	ug/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	58.3	—	—	1	ug/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	45.8	—	—	1	ug/L	—	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	58.5	—	—	1	ug/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	42.2	—	—	1	ug/L	—	—	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	81.6	—	—	1	ug/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	63	—	—	1	ug/L	—	—	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	46.6	—	—	1	ug/L	—	—	09-485	CAPA-09-1073	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
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	62.7	—	—	1	ug/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	44.8	—	—	1	ug/L	—	—	08-1325	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Metals	SW-846:6020	Cadmium	—	0.138	—	—	0.11	ug/L	J	J	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	08-1325	CAPA-08-13033	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
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	63	—	—	30	ug/L	J	J	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	513	—	—	25	ug/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	116	—	—	25	ug/L	—	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Metals	SW-846:6010B	Iron	<	51.2	—	—	25	ug/L	J	U	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	445	—	—	25	ug/L	—	—	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	985	—	—	30	ug/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	1290	—	—	25	ug/L	—	—	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	440	—	—	25	ug/L	—	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	535	—	—	25	ug/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	829	—	—	25	ug/L	—	—	08-1325	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-1141	CAPA-09-4058	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
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	1.16	—	—	0.5	ug/L	J	J	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	0.91	—	—	0.5	ug/L	J	J	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	0.63	—	—	0.5	ug/L	J	J	08-1325	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.48	—	—	2	ug/L	J	J	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	15.1	—	—	2	ug/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	18.3	—	—	2	ug/L	—	—	09-485	CAPA-09-1074	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
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	29.6	—	—	2	ug/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	17.7	—	—	2	ug/L	—	—	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	145	—	—	2	ug/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	20.3	—	—	2	ug/L	—	—	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	20.9	—	—	2	ug/L	—	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	38.8	—	—	2	ug/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	19.7	—	—	2	ug/L	—	—	08-1325	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	0.658	—	—	0.5	ug/L	J	J	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.5	—	—	0.5	ug/L	J	J	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	0.5	ug/L	J	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	0.5	ug/L	J	J	08-1932	CAPA-08-14890	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
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.9	—	—	0.5	ug/L	J	J	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.16	—	—	0.5	ug/L	J	J	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.9	—	—	0.5	ug/L	J	J	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	0.5	ug/L	J	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.1	—	—	0.5	ug/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.1	—	—	0.5	ug/L	—	—	08-1325	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.3	—	—	0.053	mg/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	36.3	—	—	0.032	mg/L	—	—	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32.6	—	—	0.032	mg/L	—	—	09-484	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	31.7	—	—	0.032	mg/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	35.2	—	—	0.032	mg/L	—	—	08-1325	CAPA-08-13032	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
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Metals	SW-846:6020	Silver	—	0.221	—	—	0.2	ug/L	J	J	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Metals	SW-846:6020	Silver	—	0.25	—	—	0.2	ug/L	J	J	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Metals	SW-846:6020	Silver	—	0.35	—	—	0.2	ug/L	J	J	08-1325	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	133	—	—	1	ug/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1	ug/L	—	—	09-1141	CAPA-09-4058	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
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	86.6	—	—	1	ug/L	—	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	103	—	—	1	ug/L	—	—	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	70.4	—	—	1	ug/L	—	—	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	134	—	—	1	ug/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	102	—	—	1	ug/L	—	—	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	85	—	—	1	ug/L	—	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	106	—	—	1	ug/L	—	—	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	71	—	—	1	ug/L	—	—	08-1325	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.315	—	—	0.05	ug/L	—	—	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.071	—	—	0.05	ug/L	J	J	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.11	—	—	0.05	ug/L	J	—	09-485	CAPA-09-1074	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
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.1	—	—	0.05	ug/L	J	J	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.074	—	—	0.05	ug/L	J	J	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.493	—	—	0.05	ug/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.11	—	—	0.05	ug/L	J	J	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.15	—	—	0.05	ug/L	J	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.13	—	—	0.05	ug/L	J	J	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.1	—	—	0.05	ug/L	J	J	08-1325	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.11	—	—	1	ug/L	J	J	09-3236	CAPA-09-12074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.2	—	—	1	ug/L	J	J	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.1	—	—	1	ug/L	J	—	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.6	—	—	1	ug/L	J	J	08-1932	CAPA-08-14890	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
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	<	3.3	—	—	1	ug/L	J	U	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.91	—	—	1	ug/L	J	J	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.3	—	—	1	ug/L	J	J	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.8	—	—	1	ug/L	J	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.4	—	—	1	ug/L	J	J	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	J	U	08-1325	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	F	CS	—	Metals	SW-846:6010B	Zinc	<	3	—	—	2	ug/L	J	U	09-1141	CAPA-09-4058	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	09-485	CAPA-09-1074	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	08-1932	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.8	—	—	2	ug/L	J	J	08-1325	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.23	—	—	3.3	ug/L	J	J	09-3236	CAPA-09-12075	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
Pajarito below confluences of South and North Anchor East Basin	—	—	3/6/2009	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	<	5.1	—	—	2	ug/L	J	U	09-1141	CAPA-09-4059	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/10/2008	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.7	—	—	2	ug/L	J	—	09-485	CAPA-09-1073	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.2	—	—	2	ug/L	J	J	08-1932	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.2	—	—	2	ug/L	J	J	08-1325	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0226	0.012	0.033	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.0184	0.0088	0.043	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.0116	0.011	0.042	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00933	0.0044	0.044	—	pCi/L	U	U	08-306	CAPA-08-9227	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.014	0.0049	0.03	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00142	0.011	0.028	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000603	0.007	0.043	—	pCi/L	U	UJ	08-1326	CAPA-08-13033	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
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0152	0.011	0.045	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00664	0.006	0.046	—	pCi/L	U	U	08-306	CAPA-08-9228	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.00302	1.5	4.6	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.63	2	3	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.978	1.1	3.5	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.49	1.3	4.1	—	pCi/L	U	U	08-306	CAPA-08-9227	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.353	1.3	4.3	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.12	1.9	6.3	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.6	1.5	4.3	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.297	1.1	3.9	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.136	1.1	3.7	—	pCi/L	U	U	08-306	CAPA-08-9228	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
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.384	1.3	4.3	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.247	1.1	3.7	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.54	1.1	3.9	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.87	1.3	4.7	—	pCi/L	U	U	08-306	CAPA-08-9227	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.4	1.4	5.1	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0608	2	6.5	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.51	1.6	5.3	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.721	1.3	4.3	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.17	1	3	—	pCi/L	U	U	08-306	CAPA-08-9228	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.32	1	2.8	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/4/2007	WS	F	CS	—	Rad	EPA:900	Gross beta	—	4.97	1.03	2.67	—	pCi/L	—	J	193146	GF07090PPBF101	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
Pajarito below confluences of South and North Anchor East Basin	—	—	6/28/2007	WS	F	CS	—	Rad	EPA:900	Gross beta	—	3.12	0.994	2.99	—	pCi/L	—	J	188897	GF07060PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/20/2007	WS	F	CS	—	Rad	EPA:900	Gross beta	<	2.32	0.769	2.39	—	pCi/L	U	U	182774	GF07030PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/8/2006	WS	F	CS	—	Rad	EPA:900	Gross beta	—	3.47	1.11	3.28	—	pCi/L	—	J	177508	GF06110PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	EPA:900	Gross beta	<	1.86	0.95	3	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/4/2007	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	6.74	1.2	2.93	—	pCi/L	—	J	193146	GU07090PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/28/2007	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	5.38	1.15	2.94	—	pCi/L	—	J	188897	GU07060PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/20/2007	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	3.61	1.12	3.39	—	pCi/L	—	J	182774	GU07030PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/8/2006	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	9.77	1.43	3.31	—	pCi/L	—	J	177508	GU06110PPBF101	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	8.86	8.9	12	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	86.7	330	240	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	72.7	54	220	—	pCi/L	U	U	08-789	CAPA-08-10994	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
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	75.1	57	260	—	pCi/L	U	U	08-306	CAPA-08-9227	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	13.8	10	25	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	49.1	63	92	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	63.8	56	200	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	61	49	170	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	83.2	87	220	—	pCi/L	U	U	08-306	CAPA-08-9228	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16	9.9	31	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.47	9.5	32	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16.8	9	28	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16.2	10	31	—	pCi/L	U	U	08-306	CAPA-08-9227	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12.6	12	36	—	pCi/L	U	U	09-3236	CAPA-09-12075	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
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12.6	13	42	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-10.4	12	32	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.8	9.9	26	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.41	8.5	26	—	pCi/L	U	U	08-306	CAPA-08-9228	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00772	0.0039	0.027	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00388	0.0067	0.023	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00478	0.0032	0.029	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00815	0.0046	0.036	—	pCi/L	U	U	08-306	CAPA-08-9227	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00343	0.0034	0.029	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00189	0.0027	0.026	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00887	0.007	0.026	—	pCi/L	U	U	08-1326	CAPA-08-13033	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
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00342	0.0048	0.031	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00473	0.0047	0.042	—	pCi/L	U	U	08-306	CAPA-08-9228	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00579	0.0043	0.033	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00582	0.0034	0.031	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00319	0.0055	0.029	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0122	0.0065	0.035	—	pCi/L	U	U	08-306	CAPA-08-9227	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00172	0.0024	0.028	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00756	0.0046	0.032	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00886	0.0054	0.036	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0137	0.0054	0.031	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0058	0.04	—	pCi/L	U	U	08-306	CAPA-08-9228	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
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.91	17	55	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-19.8	19	62	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.22	16	53	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	25.4	19	37	—	pCi/L	U	U	08-306	CAPA-08-9227	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	10.8	15	56	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-1.5	35	98	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.84	20	64	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	65.8	25	33	—	pCi/L	UI	R	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	11.9	16	54	—	pCi/L	U	U	08-306	CAPA-08-9228	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.64	1.6	4.5	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.57	1.4	3.8	—	pCi/L	U	U	08-1326	CAPA-08-13032	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
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.401	1.2	3.5	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.254	1.2	4	—	pCi/L	U	U	08-306	CAPA-08-9227	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.414	1.1	3.8	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.32	2	5.7	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.92	1.2	4.6	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.789	0.98	3.5	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.268	0.99	3.3	—	pCi/L	U	U	08-306	CAPA-08-9228	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.197	0.11	0.48	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.116	0.13	0.47	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.129	0.13	0.47	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.129	0.048	0.15	—	pCi/L	U	U	08-306	CAPA-08-9227	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
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00272	0.11	0.38	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.359	0.14	0.4	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0253	0.13	0.49	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.131	0.12	0.48	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.15	0.072	0.23	—	pCi/L	U	U	08-306	CAPA-08-9228	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.0174	0.012	0.061	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0046	0.0054	0.076	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0236	0.008	0.036	—	pCi/L	U	U	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0662	0.014	0.078	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0454	0.031	0.2	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0856	0.013	0.064	—	pCi/L	—	—	08-789	CAPA-08-10994	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
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	F	CS	—	Rad	HASL-300	Uranium-234	<	0.044	0.012	0.067	—	pCi/L	U	U	08-306	CAPA-08-9227	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.152	0.023	0.081	—	pCi/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0996	0.016	0.074	—	pCi/L	—	—	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0421	0.011	0.1	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.0733	0.013	0.064	—	pCi/L	—	—	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.122	0.019	0.072	—	pCi/L	—	—	08-306	CAPA-08-9228	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00282	0.0049	0.042	—	pCi/L	U	U	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.021	0.016	0.11	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00225	0.0032	0.033	—	pCi/L	U	U	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00247	0.0055	0.035	—	pCi/L	U	U	08-306	CAPA-08-9227	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0113	0.008	0.041	—	pCi/L	U	U	09-3236	CAPA-09-12075	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
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0134	0.006	0.04	—	pCi/L	U	U	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00347	0.0078	0.052	—	pCi/L	U	U	08-1326	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00906	0.0046	0.033	—	pCi/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	6.28E-10	0.0065	0.037	—	pCi/L	U	U	08-306	CAPA-08-9228	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0571	0.012	0.041	—	pCi/L	—	—	08-1933	CAPA-08-14890	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	F	CS	—	Rad	HASL-300	Uranium-238	<	-0.00567	0.021	0.12	—	pCi/L	U	U	08-1326	CAPA-08-13032	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0619	0.011	0.042	—	pCi/L	—	—	08-789	CAPA-08-10994	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0541	0.013	0.042	—	pCi/L	—	—	08-306	CAPA-08-9227	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0866	0.016	0.049	—	pCi/L	—	—	09-3236	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0758	0.015	0.039	—	pCi/L	—	—	08-1933	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0449	0.013	0.061	—	pCi/L	U	U	08-1326	CAPA-08-13033	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
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.044	0.0093	0.042	—	pCi/L	—	—	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.104	0.017	0.044	—	pCi/L	—	—	08-306	CAPA-08-9228	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	2	—	—	2	ug/L	J	J	09-3235	CAPA-09-12075	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	<	10.9	—	—	2.2	ug/L	U	U	08-1931	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	<	10.8	—	—	2.2	ug/L	U	U	08-1324	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	<	10.9	—	—	2.2	ug/L	U	U	08-789	CAPA-08-10995	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	<	10.2	—	—	2	ug/L	U	UJ	08-306	CAPA-08-9228	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/15/2009	WS	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.315	—	—	0.3	ug/L	J	J	09-3235	CAPA-09-12076	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	9/12/2008	WS	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	3	ug/L	UH	UJ	08-1931	CAPA-08-14889	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	6/10/2008	WS	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.5	ug/L	U	U	08-1324	CAPA-08-13033	GELC
Pajarito below confluences of South and North Anchor East Basin	—	—	3/11/2008	WS	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.5	ug/L	U	U	08-789	CAPA-08-10995	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
Pajarito below confluences of South and North Anchor East Basin	—	—	12/3/2007	WS	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.5	ug/L	U	UJ	08-306	CAPA-08-9228	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	53.6	—	—	0.73	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.7	—	—	0.73	mg/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.6	—	—	0.73	mg/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.1	—	—	0.73	mg/L	—	—	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.9	—	—	0.73	mg/L	—	—	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	0.05	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	0.03	mg/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.49	—	—	0.03	mg/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.99	—	—	0.03	mg/L	—	—	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.61	—	—	0.03	mg/L	—	—	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.91	—	—	0.05	mg/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	5/27/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	0.03	mg/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	3/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.48	—	—	0.03	mg/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.76	—	—	0.03	mg/L	—	—	09-477	CAPA-09-1204	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.74	—	—	0.03	mg/L	—	—	08-1877	CAPA-08-15034	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.88	—	—	0.066	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.96	—	—	0.066	mg/L	—	J+	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.92	—	—	0.066	mg/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.87	—	—	0.066	mg/L	—	J-	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.84	—	—	0.066	mg/L	—	J-	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Geninorg	EPA:335.4	Cyanide (Total)	—	0.00281	—	—	0.0017	mg/L	J	J	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	6/18/2008	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.005	—	—	0.0015	mg/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	3/13/2008	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.005	—	—	0.0015	mg/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	12/5/2007	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	<	0.005	—	—	0.0015	mg/L	U	U	08-353	CAPA-08-9327	GELC
R-17	7031	1057	9/18/2007	WG	UF	CS	—	Geninorg	EPA:335.3	Cyanide (Total)	—	0.0119	—	—	0.0015	mg/L	—	J-	194131	GU07080GR17101	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.512	—	—	0.033	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.344	—	—	0.033	mg/L	—	J+	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.245	—	—	0.033	mg/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.254	—	—	0.033	mg/L	—	—	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.233	—	—	0.033	mg/L	—	—	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.4	—	—	0.35	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.6	—	—	0.35	mg/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.2	—	—	0.35	mg/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.2	—	—	0.35	mg/L	—	—	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.6	—	—	0.35	mg/L	—	—	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.1	—	—	0.35	mg/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	5/27/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.5	—	—	0.35	mg/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	3/2/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35	—	—	0.35	mg/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	12/8/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36	—	—	0.35	mg/L	—	—	09-477	CAPA-09-1204	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.2	—	—	0.35	mg/L	—	—	08-1877	CAPA-08-15034	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	0.085	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.93	—	—	0.085	mg/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.79	—	—	0.085	mg/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.98	—	—	0.085	mg/L	—	—	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	0.085	mg/L	—	—	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.77	—	—	0.085	mg/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	5/27/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.81	—	—	0.085	mg/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	3/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.74	—	—	0.085	mg/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.82	—	—	0.085	mg/L	—	—	09-477	CAPA-09-1204	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.88	—	—	0.085	mg/L	—	—	08-1877	CAPA-08-15034	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.259	—	—	0.05	mg/L	—	J	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.235	—	—	0.05	mg/L	J	J	09-2058	CAPA-09-9369	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-17	7031	1057	3/2/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.185	—	—	0.05	mg/L	J	J	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.222	—	—	0.05	mg/L	J	J	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0449	—	—	0.01	mg/L	J	J	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.262	—	—	0.05	ug/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.24	—	—	0.05	ug/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.262	—	—	0.05	ug/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.238	—	—	0.05	ug/L	—	—	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.285	—	—	0.05	ug/L	—	J	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.56	—	—	0.05	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.4	—	—	0.05	mg/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.56	—	—	0.05	mg/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.55	—	—	0.05	mg/L	—	—	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	0.05	mg/L	—	—	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	0.05	mg/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	5/27/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.41	—	—	0.05	mg/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	3/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	0.05	mg/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.51	—	—	0.05	mg/L	—	—	09-477	CAPA-09-1204	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.64	—	—	0.05	mg/L	—	—	08-1877	CAPA-08-15034	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	0.1	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	0.045	mg/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.3	—	—	0.045	mg/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	0.045	mg/L	—	—	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	0.045	mg/L	—	—	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.6	—	—	0.1	mg/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	5/27/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	0.045	mg/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	3/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	0.045	mg/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	0.045	mg/L	—	—	09-477	CAPA-09-1204	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	0.045	mg/L	—	—	08-1877	CAPA-08-15034	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1	uS/cm	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	122	—	—	1	uS/cm	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1	uS/cm	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1	uS/cm	—	—	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1	uS/cm	—	—	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.02	—	—	0.1	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.29	—	—	0.1	mg/L	—	J+	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.18	—	—	0.1	mg/L	—	J-	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.31	—	—	0.1	mg/L	—	J-	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.17	—	—	0.1	mg/L	—	J-	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	119	—	—	2.4	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.4	mg/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	132	—	—	2.4	mg/L	—	J	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.4	mg/L	—	—	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.4	mg/L	—	—	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.554	—	—	0.33	mg/L	J	J	09-3205	CAPA-09-12163	GELC
R-17	7031	1057	5/27/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.867	—	—	0.33	mg/L	J	J	09-2057	CAPA-09-9367	GELC
R-17	7031	1057	3/2/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.527	—	—	0.33	mg/L	J	J	09-1059	CAPA-09-4307	GELC
R-17	7031	1057	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.411	—	—	0.33	mg/L	J	J	09-477	CAPA-09-1204	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.672	—	—	0.33	mg/L	J	J	08-1876	CAPA-08-15034	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	0.01	SU	H	J-	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.94	—	—	0.01	SU	H	J-	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.9	—	—	0.01	SU	H	J-	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	0.01	SU	H	J-	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.9	—	—	0.01	SU	H	J-	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	39.1	—	—	1	ug/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	36.7	—	—	1	ug/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.3	—	—	1	ug/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	37.9	—	—	1	ug/L	—	—	09-477	CAPA-09-1202	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-17	7031	1057	9/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	36.7	—	—	1	ug/L	—	—	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.8	—	—	1	ug/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	5/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.1	—	—	1	ug/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	3/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.6	—	—	1	ug/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.3	—	—	1	ug/L	—	—	09-477	CAPA-09-1204	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.9	—	—	1	ug/L	—	—	08-1877	CAPA-08-15034	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.25	—	—	0.1	ug/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.18	—	—	0.1	ug/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.3	—	—	0.1	ug/L	—	U	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.4	—	—	0.1	ug/L	—	U	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1.3	—	—	0.1	ug/L	—	U	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.23	—	—	0.1	ug/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	5/27/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.32	—	—	0.1	ug/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	3/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.3	—	—	0.1	ug/L	—	U	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	12/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.4	—	—	0.1	ug/L	—	U	09-477	CAPA-09-1204	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.3	—	—	0.1	ug/L	—	U	08-1877	CAPA-08-15034	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.556	—	—	0.5	ug/L	J	J	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.916	—	—	0.5	ug/L	J	J	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	0.5	ug/L	J	J	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	0.5	ug/L	J	J	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.88	—	—	0.5	ug/L	J	J	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.772	—	—	0.5	ug/L	J	J	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	5/27/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.13	—	—	0.5	ug/L	J	J	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	3/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.9	—	—	0.5	ug/L	J	J	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	12/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.9	—	—	0.5	ug/L	J	J	09-477	CAPA-09-1204	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	0.5	ug/L	J	J	08-1877	CAPA-08-15034	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74.7	—	—	0.053	mg/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71	—	—	0.032	mg/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73	—	—	0.032	mg/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.6	—	—	0.032	mg/L	—	—	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.5	—	—	0.032	mg/L	—	—	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.3	—	—	1	ug/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.4	—	—	1	ug/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	43.5	—	—	1	ug/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.2	—	—	1	ug/L	—	—	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	41.7	—	—	1	ug/L	—	—	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.2	—	—	1	ug/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	5/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.4	—	—	1	ug/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	3/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.2	—	—	1	ug/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	41.1	—	—	1	ug/L	—	—	09-477	CAPA-09-1204	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.6	—	—	1	ug/L	—	—	08-1877	CAPA-08-15034	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.51	—	—	0.05	ug/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.512	—	—	0.05	ug/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.53	—	—	0.05	ug/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.6	—	—	0.05	ug/L	—	—	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.66	—	—	0.05	ug/L	—	—	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.503	—	—	0.05	ug/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	5/27/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.583	—	—	0.05	ug/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	3/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.55	—	—	0.05	ug/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	12/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.58	—	—	0.05	ug/L	—	—	09-477	CAPA-09-1204	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.65	—	—	0.05	ug/L	—	—	08-1877	CAPA-08-15034	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.78	—	—	1	ug/L	—	—	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.63	—	—	1	ug/L	—	—	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.6	—	—	1	ug/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.3	—	—	1	ug/L	—	—	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.7	—	—	1	ug/L	J	J	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.78	—	—	1	ug/L	—	—	09-3206	CAPA-09-12163	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-17	7031	1057	5/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6	—	—	1	ug/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	3/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.2	—	—	1	ug/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.1	—	—	1	ug/L	—	—	09-477	CAPA-09-1204	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.6	—	—	1	ug/L	J	J	08-1877	CAPA-08-15034	GELC
R-17	7031	1057	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.44	—	—	3.3	ug/L	J	J	09-3206	CAPA-09-12162	GELC
R-17	7031	1057	5/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	8.68	—	—	2	ug/L	J	J	09-2058	CAPA-09-9369	GELC
R-17	7031	1057	3/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	12.6	—	—	2	ug/L	—	—	09-1060	CAPA-09-4305	GELC
R-17	7031	1057	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.4	—	—	2	ug/L	J	J	09-477	CAPA-09-1202	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.4	—	—	2	ug/L	J	J	08-1877	CAPA-08-15032	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5	—	—	3.3	ug/L	J	J	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	5/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	12.6	—	—	2	ug/L	—	—	09-2058	CAPA-09-9367	GELC
R-17	7031	1057	3/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	15.1	—	—	2	ug/L	—	—	09-1060	CAPA-09-4307	GELC
R-17	7031	1057	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.7	—	—	2	ug/L	J	J	09-477	CAPA-09-1204	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	9.2	—	—	2	ug/L	J	J	08-1877	CAPA-08-15034	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0185	0.012	0.027	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	6/18/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	0.0048	0.039	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	3/13/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00288	0.011	0.043	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	12/5/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0234	0.011	0.047	—	pCi/L	U	U	08-353	CAPA-08-9328	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000458	0.0034	0.043	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00293	0.0048	0.026	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	6/18/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00257	0.0075	0.04	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	3/13/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00578	0.0093	0.043	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	12/5/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0095	0.0088	0.047	—	pCi/L	U	U	08-353	CAPA-08-9327	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.05	1.4	5	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	6/18/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.471	1.2	4	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	3/13/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.803	1.1	3.6	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	12/5/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.18	1.3	2.9	—	pCi/L	U	U	08-353	CAPA-08-9328	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.593	1.1	3.6	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.62	1.5	4.2	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	6/18/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3	1.5	5.6	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	3/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.117	0.88	2.8	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	12/5/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.795	0.73	2.4	—	pCi/L	U	U	08-353	CAPA-08-9327	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.105	1.4	4.6	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	6/18/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.38	1.2	2.8	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	3/13/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.551	1.2	3.7	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	12/5/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.202	0.91	2.9	—	pCi/L	U	U	08-353	CAPA-08-9328	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.191	1.1	3.6	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.613	1.3	4.2	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	6/18/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-3.08	1.4	3.3	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	3/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.46	1.2	3.3	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	12/5/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.56	0.96	2.6	—	pCi/L	U	U	08-353	CAPA-08-9327	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.22	0.95	2.4	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/18/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.25	0.867	2.88	—	pCi/L	U	U	194131	GF07080GR17101	GELC
R-17	7031	1057	7/3/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	1.85	0.571	1.77	—	pCi/L	—	J	189079	GF07060GR17101	GELC
R-17	7031	1057	4/25/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.45	0.892	2.79	—	pCi/L	U	U	185012	GF07040GR17101	GELC
R-17	7031	1057	2/22/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.82	0.896	2.9	—	pCi/L	U	U	181378	GF07020GR17101	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.45	0.71	2.2	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/18/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.75	0.912	2.92	—	pCi/L	U	U	194131	GU07080GR17101	GELC
R-17	7031	1057	7/3/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	1.73	0.522	1.61	—	pCi/L	—	J	189079	GU07060GR17101	GELC
R-17	7031	1057	4/25/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.7	0.875	2.66	—	pCi/L	—	J	185012	GU07040GR17101	GELC
R-17	7031	1057	2/22/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.648	0.802	2.77	—	pCi/L	U	U	181378	GU07020GR17101	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	16.4	15	30	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	6/18/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	103	160	290	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	3/13/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	65.9	97	230	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	12/5/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	64.2	51	200	—	pCi/L	U	U	08-353	CAPA-08-9328	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	43.6	29	51	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	8.18	7.1	32	—	pCi/L	U	U	08-1878	CAPA-08-15034	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-17	7031	1057	6/18/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	97.6	59	310	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	3/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	54.7	79	170	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	12/5/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	74.6	50	210	—	pCi/L	U	U	08-353	CAPA-08-9327	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.5	9	26	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	6/18/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.62	12	34	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	3/13/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-10.2	9.4	25	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	12/5/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.04	4.2	13	—	pCi/L	U	U	08-353	CAPA-08-9328	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.05	8	25	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-15.1	10	33	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	6/18/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.5	11	36	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	3/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.21	6.3	20	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	12/5/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.98	4.7	16	—	pCi/L	U	U	08-353	CAPA-08-9327	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0087	0.0058	0.044	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	6/18/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00192	0.0074	0.023	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	3/13/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0142	0.013	0.043	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	12/5/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0154	0.0082	0.03	—	pCi/L	U	U	08-353	CAPA-08-9328	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0045	0.0039	0.038	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	1.73E-10	0.0041	0.044	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	6/18/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0023	0.02	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	3/13/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00221	0.016	0.041	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	12/5/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0057	0.032	—	pCi/L	U	U	08-353	CAPA-08-9327	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0058	0.0058	0.05	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	6/18/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00576	0.0051	0.031	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	3/13/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00474	0.0095	0.042	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	12/5/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0054	0.029	—	pCi/L	U	U	08-353	CAPA-08-9328	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00675	0.0068	0.036	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	3.45E-10	0.0058	0.05	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	6/18/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00492	0.0029	0.027	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	3/13/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0133	0.0099	0.04	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	12/5/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00358	0.0051	0.031	—	pCi/L	U	U	08-353	CAPA-08-9327	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-1.39	20	70	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	6/18/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-19.5	17	54	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	3/13/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	28.5	12	47	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	12/5/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.8	12	31	—	pCi/L	U	U	08-353	CAPA-08-9328	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-13.2	17	42	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.3	23	26	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	6/18/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-22.3	19	56	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	3/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	10.7	20	35	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	12/5/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	11.5	12	21	—	pCi/L	U	U	08-353	CAPA-08-9327	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.344	0.17	0.48	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.674	0.25	0.68	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	3/13/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.33	0.13	0.32	—	pCi/L	—	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	12/5/2007	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.55	0.16	0.4	—	pCi/L	—	—	08-353	CAPA-08-9327	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	2.09	0.52	1.1	—	pCi/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.14	0.12	0.41	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	3/13/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.367	0.16	0.48	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	12/5/2007	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.573	0.17	0.44	—	pCi/L	—	—	08-353	CAPA-08-9327	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.56	1.4	3.5	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	6/18/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.42	1	2.9	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	3/13/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.65	1.1	3.3	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	12/5/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.989	0.91	2.8	—	pCi/L	U	U	08-353	CAPA-08-9328	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0164	0.93	3.1	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.522	1.4	4.9	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	6/18/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.00454	1.5	4.8	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	3/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.736	1.1	3.7	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	12/5/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.531	0.7	2.3	—	pCi/L	U	U	08-353	CAPA-08-9327	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.143	0.073	0.26	—	pCi/L	U	U	08-1878	CAPA-08-15032	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-17	7031	1057	6/18/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.132	0.13	0.45	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	3/13/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.154	0.14	0.47	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	12/5/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.043	0.082	0.28	—	pCi/L	U	U	08-353	CAPA-08-9328	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.573	0.15	0.4	—	pCi/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0085	0.07	0.24	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	6/18/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.165	0.13	0.43	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	3/13/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.146	0.1	0.47	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	12/5/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0829	0.11	0.36	—	pCi/L	U	U	08-353	CAPA-08-9327	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.021	0.013	0.078	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.00124	0.0044	0.099	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00518	0.0056	0.047	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.3193	0.28737	0.28737	—	pCi/L	U	U	09-3246	CAPA-09-12163	UMTL
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.15965	0.28737	0.28737	—	pCi/L	U	U	08-1900	CAPA-08-15034	UMTL
R-17	7031	1057	6/18/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.06386	0.28737	0.28737	—	pCi/L	U	U	08-1453	CAPA-08-13161	UMTL
R-17	7031	1057	3/13/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.22351	0.28737	0.28737	—	pCi/L	U	U	08-817	CAPA-08-11027	UMTL
R-17	7031	1057	12/5/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.15965	0.28737	0.28737	—	pCi/L	U	U	08-351	CAPA-08-9327	UMTL
R-17	7031	1057	9/9/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.397	0.037	0.07	—	pCi/L	—	—	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	6/18/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.43	0.041	0.086	—	pCi/L	—	—	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	3/13/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.349	0.033	0.07	—	pCi/L	—	—	08-804	CAPA-08-11028	GELC
R-17	7031	1057	12/5/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.552	0.047	0.069	—	pCi/L	—	—	08-353	CAPA-08-9328	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.371	0.043	0.11	—	pCi/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.371	0.053	0.15	—	pCi/L	—	—	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	6/18/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.429	0.04	0.082	—	pCi/L	—	—	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	3/13/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.304	0.032	0.078	—	pCi/L	—	—	08-804	CAPA-08-11027	GELC
R-17	7031	1057	12/5/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.526	0.047	0.074	—	pCi/L	—	—	08-353	CAPA-08-9327	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0151	0.0072	0.037	—	pCi/L	U	U	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	6/18/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0177	0.0084	0.044	—	pCi/L	U	U	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	3/13/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0223	0.0076	0.036	—	pCi/L	U	U	08-804	CAPA-08-11028	GELC
R-17	7031	1057	12/5/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0127	0.0084	0.035	—	pCi/L	U	U	08-353	CAPA-08-9328	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00369	0.0098	0.054	—	pCi/L	U	U	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00552	0.017	0.082	—	pCi/L	U	U	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	6/18/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00842	0.0074	0.042	—	pCi/L	U	U	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	3/13/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0221	0.0079	0.04	—	pCi/L	U	U	08-804	CAPA-08-11027	GELC
R-17	7031	1057	12/5/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0245	0.012	0.038	—	pCi/L	U	U	08-353	CAPA-08-9327	GELC
R-17	7031	1057	9/9/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.199	0.023	0.037	—	pCi/L	—	—	08-1878	CAPA-08-15032	GELC
R-17	7031	1057	6/18/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.21	0.026	0.052	—	pCi/L	—	—	08-1389	CAPA-08-13160	GELC
R-17	7031	1057	3/13/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.147	0.02	0.046	—	pCi/L	—	—	08-804	CAPA-08-11028	GELC
R-17	7031	1057	12/5/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.228	0.026	0.043	—	pCi/L	—	—	08-353	CAPA-08-9328	GELC
R-17	7031	1057	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.188	0.028	0.065	—	pCi/L	—	—	09-3206	CAPA-09-12163	GELC
R-17	7031	1057	9/9/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.201	0.036	0.08	—	pCi/L	—	—	08-1878	CAPA-08-15034	GELC
R-17	7031	1057	6/18/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.163	0.022	0.05	—	pCi/L	—	—	08-1389	CAPA-08-13161	GELC
R-17	7031	1057	3/13/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.156	0.022	0.051	—	pCi/L	—	—	08-804	CAPA-08-11027	GELC
R-17	7031	1057	12/5/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.257	0.029	0.046	—	pCi/L	—	—	08-353	CAPA-08-9327	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.6	—	—	0.73	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.6	—	—	0.73	mg/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.4	—	—	0.73	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.9	—	—	0.73	mg/L	—	—	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.6	—	—	0.73	mg/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.87	—	—	0.05	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.01	—	—	0.03	mg/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.4	—	—	0.03	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.76	—	—	0.03	mg/L	—	—	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.83	—	—	0.03	mg/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.86	—	—	0.05	mg/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	5/27/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.09	—	—	0.03	mg/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	3/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.46	—	—	0.03	mg/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.77	—	—	0.03	mg/L	—	—	09-462	CAPA-09-1207	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-17	7041	1124	9/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.62	—	—	0.03	mg/L	—	—	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.63	—	—	0.066	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.69	—	—	0.066	mg/L	—	J+	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.62	—	—	0.066	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.61	—	—	0.066	mg/L	—	—	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.61	—	—	0.066	mg/L	—	J-	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.369	—	—	0.033	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.316	—	—	0.033	mg/L	—	J+	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.214	—	—	0.033	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.22	—	—	0.033	mg/L	—	—	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.211	—	—	0.033	mg/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.6	—	—	0.35	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.3	—	—	0.35	mg/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.4	—	—	0.35	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.9	—	—	0.35	mg/L	—	—	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	33.7	—	—	0.35	mg/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33.5	—	—	0.35	mg/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	5/27/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.7	—	—	0.35	mg/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	3/2/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.9	—	—	0.35	mg/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	12/8/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34	—	—	0.35	mg/L	—	—	09-462	CAPA-09-1207	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	32.9	—	—	0.35	mg/L	—	—	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.78	—	—	0.085	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.86	—	—	0.085	mg/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.78	—	—	0.085	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.91	—	—	0.085	mg/L	—	—	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.82	—	—	0.085	mg/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.75	—	—	0.085	mg/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	5/27/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.93	—	—	0.085	mg/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	3/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.85	—	—	0.085	mg/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.93	—	—	0.085	mg/L	—	—	09-462	CAPA-09-1207	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.77	—	—	0.085	mg/L	—	—	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.37	—	—	0.05	mg/L	—	J	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.324	—	—	0.05	mg/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.291	—	—	0.05	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.234	—	—	0.1	mg/L	J	J-	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.33	—	—	0.05	mg/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.275	—	—	0.05	ug/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.238	—	—	0.05	ug/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.269	—	—	0.05	ug/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.225	—	—	0.05	ug/L	—	—	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.261	—	—	0.05	ug/L	—	J	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.37	—	—	0.05	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.21	—	—	0.05	mg/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.41	—	—	0.05	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.33	—	—	0.05	mg/L	—	—	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.46	—	—	0.05	mg/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.36	—	—	0.05	mg/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	5/27/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.26	—	—	0.05	mg/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	3/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.45	—	—	0.05	mg/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.36	—	—	0.05	mg/L	—	—	09-462	CAPA-09-1207	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.44	—	—	0.05	mg/L	—	—	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	0.1	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.88	—	—	0.045	mg/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	0.045	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.72	—	—	0.045	mg/L	—	—	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.2	—	—	0.045	mg/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.1	mg/L	—	—	09-3206	CAPA-09-12166	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-17	7041	1124	5/27/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	0.045	mg/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	3/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	0.045	mg/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	12/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.72	—	—	0.045	mg/L	—	—	09-462	CAPA-09-1207	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10	—	—	0.045	mg/L	—	—	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	116	—	—	1	uS/cm	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	111	—	—	1	uS/cm	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	113	—	—	1	uS/cm	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	113	—	—	1	uS/cm	—	—	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	116	—	—	1	uS/cm	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.67	—	—	0.1	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.79	—	—	0.1	mg/L	—	J+	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.65	—	—	0.1	mg/L	—	J-	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.79	—	—	0.1	mg/L	—	J-	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.54	—	—	0.1	mg/L	—	J-	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	121	—	—	2.4	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	131	—	—	2.4	mg/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	131	—	—	2.4	mg/L	—	J	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	125	—	—	2.4	mg/L	—	J	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.4	mg/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	0.01	SU	H	J-	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	0.01	SU	H	J-	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	0.01	SU	H	J-	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	0.01	SU	H	J-	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.93	—	—	0.01	SU	H	J-	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.2	—	—	1	ug/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.3	—	—	1	ug/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.7	—	—	1	ug/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	29.6	—	—	1	ug/L	—	—	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.1	—	—	1	ug/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.5	—	—	1	ug/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	5/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.4	—	—	1	ug/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	3/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30.3	—	—	1	ug/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.2	—	—	1	ug/L	—	—	09-462	CAPA-09-1207	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29	—	—	1	ug/L	—	—	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.88	—	—	2.5	ug/L	J	J	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4	—	—	1.5	ug/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.2	—	—	1.5	ug/L	—	—	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.4	—	—	1.5	ug/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.14	—	—	2.5	ug/L	J	J	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	5/27/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	3/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.3	—	—	1.5	ug/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	12/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.8	—	—	1.5	ug/L	—	—	09-462	CAPA-09-1207	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.2	—	—	1.5	ug/L	—	—	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	0.1	ug/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.13	—	—	0.1	ug/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1	—	—	0.1	ug/L	—	U	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	0.1	ug/L	—	—	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	0.1	ug/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.17	—	—	0.1	ug/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	5/27/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.04	—	—	0.1	ug/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	3/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	0.1	ug/L	—	U	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	12/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	0.1	ug/L	—	—	09-462	CAPA-09-1207	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	0.1	ug/L	—	—	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.516	—	—	0.5	ug/L	J	J	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.62	—	—	0.5	ug/L	J	J	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.77	—	—	0.5	ug/L	J	J	09-462	CAPA-09-1205	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-17	7041	1124	9/9/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.54	—	—	0.5	ug/L	J	J	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.534	—	—	0.5	ug/L	J	J	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	5/27/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.554	—	—	0.5	ug/L	J	J	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	3/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.4	—	—	0.5	ug/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	12/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.5	—	—	0.5	ug/L	—	—	09-462	CAPA-09-1207	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.73	—	—	0.5	ug/L	J	J	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	75.8	—	—	0.053	mg/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74.2	—	—	0.032	mg/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	76.6	—	—	0.032	mg/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.7	—	—	0.032	mg/L	—	—	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	76.9	—	—	0.032	mg/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	41	—	—	1	ug/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	41.5	—	—	1	ug/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	41.9	—	—	1	ug/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	39.9	—	—	1	ug/L	—	—	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	41.6	—	—	1	ug/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	41.9	—	—	1	ug/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	5/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.1	—	—	1	ug/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	3/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.1	—	—	1	ug/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	39.7	—	—	1	ug/L	—	—	09-462	CAPA-09-1207	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	41	—	—	1	ug/L	—	—	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.417	—	—	0.05	ug/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.43	—	—	0.05	ug/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.39	—	—	0.05	ug/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.44	—	—	0.05	ug/L	—	—	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.46	—	—	0.05	ug/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.43	—	—	0.05	ug/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	5/27/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.422	—	—	0.05	ug/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	3/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.4	—	—	0.05	ug/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	12/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.43	—	—	0.05	ug/L	—	—	09-462	CAPA-09-1207	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.53	—	—	0.05	ug/L	—	—	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	9/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.19	—	—	1	ug/L	—	—	09-3206	CAPA-09-12164	GELC
R-17	7041	1124	5/27/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.35	—	—	1	ug/L	—	—	09-2058	CAPA-09-9371	GELC
R-17	7041	1124	3/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.1	—	—	1	ug/L	—	—	09-1060	CAPA-09-4309	GELC
R-17	7041	1124	12/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.4	—	—	1	ug/L	—	—	09-462	CAPA-09-1205	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.7	—	—	1	ug/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.38	—	—	1	ug/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	5/27/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.33	—	—	1	ug/L	—	—	09-2058	CAPA-09-9370	GELC
R-17	7041	1124	3/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	8.1	—	—	1	ug/L	—	—	09-1060	CAPA-09-4310	GELC
R-17	7041	1124	12/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.5	—	—	1	ug/L	—	—	09-462	CAPA-09-1207	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.5	—	—	1	ug/L	—	—	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0113	0.0056	0.028	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	6/18/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0041	0.0052	0.038	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	3/13/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00157	0.0036	0.043	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	12/6/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0174	0.0064	0.041	—	pCi/L	U	U	08-369	CAPA-08-9331	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00186	0.0024	0.042	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000239	0.0032	0.031	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	6/18/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00422	0.0062	0.04	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	3/13/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00714	0.0035	0.041	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	12/6/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00323	0.0057	0.04	—	pCi/L	U	U	08-369	CAPA-08-9332	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0203	1.3	4.3	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	6/18/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.9	1.5	5.3	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	3/13/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.346	0.98	3.1	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	12/6/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0991	1.2	3.9	—	pCi/L	U	U	08-369	CAPA-08-9331	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.03	1.3	3.5	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.8	1.5	4.3	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	6/18/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.491	1.4	4.7	—	pCi/L	U	U	08-1389	CAPA-08-13164	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-17	7041	1124	3/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.53	1.9	5.3	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	12/6/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.451	0.95	2.8	—	pCi/L	U	U	08-369	CAPA-08-9332	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0342	1.3	4.3	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	6/18/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.927	1.3	4.4	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	3/13/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.49	1.1	4	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	12/6/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.742	0.92	2.8	—	pCi/L	U	U	08-369	CAPA-08-9331	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.109	1.2	4	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.18	1.5	4.4	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	6/18/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.115	1.9	6.3	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	3/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.78	1.7	4.9	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	12/6/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0588	1	3.3	—	pCi/L	U	U	08-369	CAPA-08-9332	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.938	0.68	2.2	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/18/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.54	0.937	2.84	—	pCi/L	U	U	194131	GF07080GR17201	GELC
R-17	7041	1124	7/3/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.11	0.673	1.95	—	pCi/L	—	J	189079	GF07060GR17201	GELC
R-17	7041	1124	4/25/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.49	0.858	2.64	—	pCi/L	U	U	185012	GF07040GR17201	GELC
R-17	7041	1124	2/22/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.0533	0.787	2.82	—	pCi/L	U	U	181378	GF07020GR17201	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.55	1.3	3.8	—	pCi/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/18/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.23	1.05	3.11	—	pCi/L	—	J	194131	GU07080GR17201	GELC
R-17	7041	1124	7/3/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.65	0.556	1.58	—	pCi/L	—	J	189079	GU07060GR17201	GELC
R-17	7041	1124	4/25/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.62	0.888	2.91	—	pCi/L	U	U	185012	GU07040GR17201	GELC
R-17	7041	1124	2/22/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.76	0.886	2.89	—	pCi/L	U	U	181378	GU07020GR17201	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	32.3	32	34	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	6/18/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	91.1	66	230	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	3/13/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	96.5	87	270	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	12/6/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	86	61	220	—	pCi/L	U	U	08-369	CAPA-08-9331	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	118	53	84	—	pCi/L	—	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	2.41	1.3	12	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	6/18/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	155	79	370	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	3/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	101	190	340	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	12/6/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	104	130	280	—	pCi/L	U	U	08-369	CAPA-08-9332	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.3	9.3	31	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	6/18/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.7	13	35	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	3/13/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.58	7.4	22	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	12/6/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	31.4	17	23	—	pCi/L	UI	R	08-369	CAPA-08-9331	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	19.7	9.7	31	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	17.3	9.7	33	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	6/18/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.47	11	36	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	3/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.38	7.4	22	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	12/6/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.47	11	20	—	pCi/L	U	U	08-369	CAPA-08-9332	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00309	0.0054	0.043	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	6/18/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00179	0.0031	0.021	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	3/13/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00228	0.011	0.044	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	12/6/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00529	0.0099	0.047	—	pCi/L	U	U	08-369	CAPA-08-9331	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00268	0.0038	0.045	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00677	0.0068	0.051	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	6/18/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00399	0.0069	0.024	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	3/13/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	1.96E-09	0.0096	0.04	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	12/6/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0166	0.011	0.049	—	pCi/L	U	U	08-369	CAPA-08-9332	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00309	0.0031	0.053	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	6/18/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0107	0.0044	0.029	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	3/13/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00456	0.0056	0.047	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	12/6/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0053	0.045	—	pCi/L	U	U	08-369	CAPA-08-9331	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00535	0.0066	0.043	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0135	0.0083	0.058	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	6/18/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0049	0.032	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	3/13/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00205	0.0074	0.042	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	12/6/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00277	0.01	0.047	—	pCi/L	U	U	08-369	CAPA-08-9332	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-17	7041	1124	9/9/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	7.9	18	64	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	6/18/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-18.8	19	61	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	3/13/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.9	13	41	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	12/6/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	7.62	16	52	—	pCi/L	U	U	08-369	CAPA-08-9331	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-11.6	13	42	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	34.3	15	59	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	6/18/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	27.5	17	23	—	pCi/L	UI	R	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	3/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-10.2	18	57	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	12/6/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	35.6	16	28	—	pCi/L	UI	R	08-369	CAPA-08-9332	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.0813	0.1	0.41	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.817	0.21	0.39	—	pCi/L	—	—	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	3/13/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.944	0.19	0.2	—	pCi/L	—	—	08-804	CAPA-08-11033	GELC
R-17	7041	1124	12/6/2007	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.95	0.32	0.44	—	pCi/L	—	—	08-369	CAPA-08-9332	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.69	0.32	0.96	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.139	0.11	0.37	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	3/13/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	-0.112	0.14	0.57	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	12/6/2007	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.46	0.33	0.73	—	pCi/L	—	—	08-369	CAPA-08-9332	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.41	1.2	4.5	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	6/18/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.14	1.3	4.7	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	3/13/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.17	0.95	2.8	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	12/6/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.971	1	3.2	—	pCi/L	U	U	08-369	CAPA-08-9331	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.24	1	3.1	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.803	1.3	4.7	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	6/18/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.72	1.6	4.9	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	3/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.462	2.2	5.9	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	12/6/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.09	0.87	2.4	—	pCi/L	U	U	08-369	CAPA-08-9332	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.591	0.11	0.4	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	6/18/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0113	0.11	0.41	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	3/13/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.336	0.15	0.49	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	12/6/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00611	0.11	0.42	—	pCi/L	U	U	08-369	CAPA-08-9331	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	2.52	0.28	0.4	—	pCi/L	—	—	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.109	0.068	0.24	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	6/18/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00231	0.14	0.51	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	3/13/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.206	0.13	0.44	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	12/6/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.124	0.073	0.24	—	pCi/L	U	U	08-369	CAPA-08-9332	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.0106	0.013	0.09	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.000116	0.0047	0.11	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00603	0.0079	0.054	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.15965	0.28737	0.28737	—	pCi/L	U	U	09-3246	CAPA-09-12166	UMTL
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.09579	0.28737	0.28737	—	pCi/L	U	U	08-1900	CAPA-08-15035	UMTL
R-17	7041	1124	6/18/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.03193	0.28737	0.28737	—	pCi/L	U	U	08-1453	CAPA-08-13164	UMTL
R-17	7041	1124	3/13/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.06386	0.28737	0.28737	—	pCi/L	U	U	08-817	CAPA-08-11033	UMTL
R-17	7041	1124	12/6/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.22351	0.28737	0.28737	—	pCi/L	U	U	08-378	CAPA-08-9332	UMTL
R-17	7041	1124	9/9/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.287	0.031	0.08	—	pCi/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	6/18/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.232	0.03	0.084	—	pCi/L	—	—	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	3/13/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.312	0.032	0.075	—	pCi/L	—	—	08-804	CAPA-08-11031	GELC
R-17	7041	1124	12/6/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.326	0.034	0.076	—	pCi/L	—	—	08-369	CAPA-08-9331	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.318	0.048	0.18	—	pCi/L	—	J+	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.259	0.029	0.07	—	pCi/L	—	—	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	6/18/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.293	0.032	0.082	—	pCi/L	—	—	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	3/13/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.296	0.03	0.075	—	pCi/L	—	—	08-804	CAPA-08-11033	GELC
R-17	7041	1124	12/6/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.234	0.027	0.072	—	pCi/L	—	—	08-369	CAPA-08-9332	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00573	0.007	0.043	—	pCi/L	U	U	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	6/18/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0116	0.0092	0.044	—	pCi/L	U	U	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	3/13/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00797	0.006	0.039	—	pCi/L	U	U	08-804	CAPA-08-11031	GELC
R-17	7041	1124	12/6/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0196	0.0093	0.039	—	pCi/L	U	U	08-369	CAPA-08-9331	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.015	0.093	—	pCi/L	U	U	09-3206	CAPA-09-12166	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-17	7041	1124	9/9/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00504	0.008	0.037	—	pCi/L	U	U	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	6/18/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.017	0.0081	0.043	—	pCi/L	U	U	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	3/13/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0102	0.0051	0.038	—	pCi/L	U	U	08-804	CAPA-08-11033	GELC
R-17	7041	1124	12/6/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00527	0.0053	0.037	—	pCi/L	U	U	08-369	CAPA-08-9332	GELC
R-17	7041	1124	9/9/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.171	0.023	0.042	—	pCi/L	—	—	08-1891	CAPA-08-15037	GELC
R-17	7041	1124	6/18/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.171	0.023	0.051	—	pCi/L	—	—	08-1389	CAPA-08-13163	GELC
R-17	7041	1124	3/13/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.148	0.02	0.049	—	pCi/L	—	—	08-804	CAPA-08-11031	GELC
R-17	7041	1124	12/6/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.152	0.021	0.047	—	pCi/L	—	—	08-369	CAPA-08-9331	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0867	0.025	0.11	—	pCi/L	U	U	09-3206	CAPA-09-12166	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.137	0.02	0.037	—	pCi/L	—	—	08-1891	CAPA-08-15035	GELC
R-17	7041	1124	6/18/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.188	0.024	0.05	—	pCi/L	—	—	08-1389	CAPA-08-13164	GELC
R-17	7041	1124	3/13/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.171	0.021	0.051	—	pCi/L	—	—	08-804	CAPA-08-11033	GELC
R-17	7041	1124	12/6/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.104	0.016	0.044	—	pCi/L	—	—	08-369	CAPA-08-9332	GELC
R-17	7041	1124	9/11/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.39	—	—	0.3	ug/L	J	J	09-3205	CAPA-09-12166	GELC
R-17	7041	1124	5/27/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.331	—	—	0.3	ug/L	J	J	09-2057	CAPA-09-9370	GELC
R-17	7041	1124	3/2/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.3	ug/L	U	U	09-1059	CAPA-09-4310	GELC
R-17	7041	1124	12/8/2008	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.3	ug/L	U	U	09-461	CAPA-09-1207	GELC
R-17	7041	1124	9/9/2008	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.5	ug/L	U	U	08-1891	CAPA-08-15035	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	48.6	—	—	0.73	mg/L	—	—	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.1	—	—	0.73	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.6	—	—	0.73	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.4	—	—	0.73	mg/L	—	—	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	9.54	—	—	0.05	mg/L	—	—	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.72	—	—	0.05	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	0.03	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.95	—	—	0.03	mg/L	—	—	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	9.75	—	—	0.05	mg/L	—	—	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.64	—	—	0.05	mg/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	0.03	mg/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.3	—	—	0.03	mg/L	—	—	09-1203	CAPA-09-4348	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	1.25	—	—	0.066	mg/L	—	J-	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.28	—	—	0.066	mg/L	—	J-	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.32	—	—	0.066	mg/L	—	J+	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.26	—	—	0.066	mg/L	—	—	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.263	—	—	0.033	mg/L	—	—	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.258	—	—	0.033	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.208	—	—	0.033	mg/L	—	J+	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.112	—	—	0.033	mg/L	—	—	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	37.3	—	—	0.35	mg/L	—	—	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.1	—	—	0.35	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.8	—	—	0.35	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.8	—	—	0.35	mg/L	—	—	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	37.9	—	—	0.35	mg/L	—	—	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	37.5	—	—	0.35	mg/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	0.35	mg/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.1	—	—	0.35	mg/L	—	—	09-1203	CAPA-09-4348	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.27	—	—	0.085	mg/L	—	—	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.35	—	—	0.085	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.47	—	—	0.085	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.39	—	—	0.085	mg/L	—	—	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	3.28	—	—	0.085	mg/L	—	—	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.25	—	—	0.085	mg/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.31	—	—	0.085	mg/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.5	—	—	0.085	mg/L	—	—	09-1203	CAPA-09-4348	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.645	—	—	0.05	mg/L	—	—	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.665	—	—	0.05	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.645	—	—	0.05	mg/L	—	—	09-2077	CAPA-09-9403	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-18	5861	1358	3/12/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.22	—	—	0.01	mg/L	—	—	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	12/11/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.655	—	—	0.05	mg/L	—	—	09-501	CAPA-09-1210	GELC
R-18	5861	1358	9/17/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.605	—	—	0.05	mg/L	—	—	08-1980	CAPA-08-15039	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.229	—	—	0.05	ug/L	—	—	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.247	—	—	0.05	ug/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.226	—	—	0.05	ug/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.237	—	—	0.05	ug/L	—	—	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.15	—	—	0.05	mg/L	—	—	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.18	—	—	0.05	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.09	—	—	0.05	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.08	—	—	0.05	mg/L	—	—	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.18	—	—	0.05	mg/L	—	—	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.17	—	—	0.05	mg/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.07	—	—	0.05	mg/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.07	—	—	0.05	mg/L	—	—	09-1203	CAPA-09-4348	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	9.29	—	—	0.1	mg/L	—	—	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.58	—	—	0.1	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.71	—	—	0.045	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.6	—	—	0.045	mg/L	—	—	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	9.34	—	—	0.1	mg/L	—	—	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.38	—	—	0.1	mg/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.46	—	—	0.045	mg/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	8.76	—	—	0.045	mg/L	—	—	09-1203	CAPA-09-4348	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	116	—	—	1	uS/cm	—	—	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	113	—	—	1	uS/cm	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	114	—	—	1	uS/cm	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	110	—	—	1	uS/cm	—	—	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	1.79	—	—	0.1	mg/L	—	—	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.79	—	—	0.1	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.03	—	—	0.1	mg/L	—	J+	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.87	—	—	0.1	mg/L	—	—	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	109	—	—	2.4	mg/L	—	—	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	99	—	—	2.4	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	109	—	—	2.4	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	113	—	—	2.4	mg/L	—	—	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.174	—	—	0.033	mg/L	—	J-	09-3215	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.144	—	—	0.033	mg/L	—	J-	09-3215	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.22	—	—	0.033	mg/L	—	J-	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	UJ	09-1203	CAPA-09-4348	GELC
R-18	5861	1358	12/11/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	U	09-501	CAPA-09-1208	GELC
R-18	5861	1358	9/17/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	UJ	08-1979	CAPA-08-15040	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Geninorg	SW-846:9060	Total Organic Carbon	—	0.793	—	—	0.33	mg/L	J	J	09-3215	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.676	—	—	0.33	mg/L	J	J	09-3215	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.646	—	—	0.33	mg/L	J	J	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.788	—	—	0.33	mg/L	J	J	09-1203	CAPA-09-4348	GELC
R-18	5861	1358	12/11/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.561	—	—	0.33	mg/L	J	J	09-501	CAPA-09-1208	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	7.82	—	—	0.01	SU	H	J-	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.79	—	—	0.01	SU	H	J-	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.83	—	—	0.01	SU	H	J-	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.61	—	—	0.01	SU	H	J-	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Hexp	SW-846:8321	RDX	—	0.503	—	—	0.1	ug/L	—	—	09-3215	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.617	—	—	0.1	ug/L	—	—	09-3215	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.557	—	—	0.13	ug/L	—	—	09-2078	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Hexp	SW-846:8321	RDX	—	0.452	—	—	0.13	ug/L	—	J	09-1204	CAPA-09-4348	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	19.9	—	—	1	ug/L	—	—	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.8	—	—	1	ug/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	19.2	—	—	1	ug/L	—	—	09-2077	CAPA-09-9403	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-18	5861	1358	3/12/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.2	—	—	1	ug/L	—	—	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	19.8	—	—	1	ug/L	—	—	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.7	—	—	1	ug/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19	—	—	1	ug/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	18.8	—	—	1	ug/L	—	—	09-1203	CAPA-09-4348	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1.77	—	—	1.5	ug/L	J	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	2.3	—	—	1.5	ug/L	J	U	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.08	—	—	2.5	ug/L	J	J	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	2.54	—	—	1.5	ug/L	J	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	2.3	—	—	1.5	ug/L	J	U	09-1203	CAPA-09-4348	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Metals	SW-846:6010B	Iron	—	84.8	—	—	30	ug/L	J	J	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-1203	CAPA-09-4348	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	58	—	—	0.053	mg/L	—	—	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	58	—	—	0.053	mg/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.7	—	—	0.032	mg/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.7	—	—	0.032	mg/L	—	—	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	47.6	—	—	1	ug/L	—	—	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	48.8	—	—	1	ug/L	—	—	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.8	—	—	1	ug/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49.2	—	—	1	ug/L	—	—	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	48.4	—	—	1	ug/L	—	—	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	48.2	—	—	1	ug/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	48.8	—	—	1	ug/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.2	—	—	1	ug/L	—	—	09-1203	CAPA-09-4348	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.54	—	—	0.3	ug/L	J	J	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.44	—	—	0.3	ug/L	J	J	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.456	—	—	0.3	ug/L	J	J	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-1203	CAPA-09-4348	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	3.49	—	—	1	ug/L	J	J	09-3216	CAPA-09-12173	GELC
R-18	5861	1358	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.39	—	—	1	ug/L	J	J	09-3216	CAPA-09-12170	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	4.04	—	—	1	ug/L	J	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.2	—	—	1	ug/L	J	J	09-1203	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	3.63	—	—	1	ug/L	J	J	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.45	—	—	1	ug/L	J	J	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.9	—	—	1	ug/L	J	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.3	—	—	1	ug/L	J	J	09-1203	CAPA-09-4348	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.000336	0.0078	0.039	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00072	0.0048	0.052	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	9/17/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00261	0.0043	0.027	—	pCi/L	U	U	08-1980	CAPA-08-15039	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	0.00309	0.0025	0.036	—	pCi/L	U	U	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0106	0.0051	0.046	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0142	0.0092	0.032	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0129	0.011	0.048	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	9/17/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00665	0.0039	0.026	—	pCi/L	U	U	08-1980	CAPA-08-15040	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.266	1.4	4.5	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.419	1.4	4.6	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	9/17/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.124	1.2	4.1	—	pCi/L	U	U	08-1980	CAPA-08-15039	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	0.728	1.4	4.2	—	pCi/L	U	U	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.277	1.1	3.6	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.47	1.4	4.3	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3	1.4	3.3	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	9/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.338	1.6	5	—	pCi/L	U	U	08-1980	CAPA-08-15040	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.585	1.4	4.5	—	pCi/L	U	U	09-2077	CAPA-09-9403	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-18	5861	1358	3/12/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.75	1.5	4.3	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	9/17/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.18	1.1	4	—	pCi/L	U	U	08-1980	CAPA-08-15039	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	0.125	1	3.5	—	pCi/L	U	U	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0214	1.1	3.8	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.248	1.3	4.2	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.452	1.3	4.1	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	9/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.35	1.6	6	—	pCi/L	U	U	08-1980	CAPA-08-15040	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	-1.07	0.63	2.6	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.524	0.43	1.5	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha/beta	<	0.583	0.69	2.5	—	pCi/L	U	U	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.287	0.5	2	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.67	0.85	2.6	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.0287	0.23	1.1	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.11	0.64	2.1	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.17	0.68	2.1	—	pCi/L	—	—	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	9/4/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.497	0.553	1.91	—	pCi/L	U	U	193122	GF070800G18R01	GELC
R-18	5861	1358	6/26/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.09	0.543	1.75	—	pCi/L	U	U	188738	GF070600G18R01	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	EPA:900	Gross beta	<	0.782	0.78	2.7	—	pCi/L	U	U	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.18	0.69	2.2	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.01	0.62	2	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.09	0.67	2	—	pCi/L	—	—	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	9/4/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.19	0.82	2.43	—	pCi/L	U	U	193122	GU070800G18R01	GELC
R-18	5861	1358	6/26/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.195	0.56	1.87	—	pCi/L	U	U	188738	GU070600G18R01	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	18.6	10	33	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	15.8	23	67	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	9/17/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	43.4	68	61	—	pCi/L	U	U	08-1980	CAPA-08-15039	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	47.3	21	63	—	pCi/L	U	U	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	30.2	11	35	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	21.3	18	41	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	21.5	21	42	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	9/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	24.1	23	32	—	pCi/L	U	U	08-1980	CAPA-08-15040	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-33.1	11	28	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.43	12	38	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	9/17/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.971	9.3	30	—	pCi/L	U	U	08-1980	CAPA-08-15039	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	2.23	9.5	30	—	pCi/L	U	U	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	34.4	11	35	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.21	10	35	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.01	9.5	29	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	9/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.7	10	35	—	pCi/L	U	U	08-1980	CAPA-08-15040	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0111	0.0062	0.029	—	pCi/L	U	UJ	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00501	0.005	0.036	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	9/17/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00262	0.0045	0.04	—	pCi/L	U	U	08-1980	CAPA-08-15039	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.00462	0.004	0.039	—	pCi/L	U	U	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00759	0.012	0.042	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00144	0.0025	0.026	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00222	0.0031	0.032	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	9/17/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0044	0.034	—	pCi/L	U	U	08-1980	CAPA-08-15040	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00318	0.0045	0.029	—	pCi/L	U	UJ	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.01	0.0087	0.05	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	9/17/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0157	0.0074	0.045	—	pCi/L	U	U	08-1980	CAPA-08-15039	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	-0.00923	0.0073	0.037	—	pCi/L	U	U	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-1.21E-09	0.0072	0.041	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00288	0.002	0.026	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00444	0.0054	0.044	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	9/17/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00884	0.0044	0.038	—	pCi/L	U	U	08-1980	CAPA-08-15040	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	12.5	14	53	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	12.7	20	43	—	pCi/L	U	U	09-1202	CAPA-09-4346	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-18	5861	1358	9/17/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-26.2	18	53	—	pCi/L	U	U	08-1980	CAPA-08-15039	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	9.03	19	44	—	pCi/L	U	U	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-18	19	61	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	5.05	17	60	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-23.6	16	52	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	9/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	4.31	17	61	—	pCi/L	U	U	08-1980	CAPA-08-15040	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.215	0.15	0.48	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	9/17/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.195	0.18	0.63	—	pCi/L	U	U	08-1980	CAPA-08-15040	GELC
R-18	5861	1358	3/7/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.157	0.12	0.4	—	pCi/L	U	U	08-768	CAPA-08-11037	GELC
R-18	5861	1358	12/4/2007	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.426	0.17	0.49	—	pCi/L	U	U	08-325	CAPA-08-9366	GELC
R-18	5861	1358	12/1/2005	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	4.59	3.19	6.79	—	pCi/L	U	U	151190	GU05110G18R01	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.424	0.3	0.97	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	9/17/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.27	0.16	0.52	—	pCi/L	U	U	08-1980	CAPA-08-15040	GELC
R-18	5861	1358	3/7/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.574	0.2	0.53	—	pCi/L	—	U	08-768	CAPA-08-11037	GELC
R-18	5861	1358	12/4/2007	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.266	0.13	0.38	—	pCi/L	U	U	08-325	CAPA-08-9366	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.29	1.1	3.5	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.24	1.1	4.5	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	9/17/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.56	1.3	3.8	—	pCi/L	U	U	08-1980	CAPA-08-15039	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	0.527	1.2	4	—	pCi/L	U	U	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.654	1.2	3.7	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.151	1.5	4.9	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.12	0.98	1.9	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	9/17/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.51	1.4	4	—	pCi/L	U	U	08-1980	CAPA-08-15040	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0337	0.12	0.39	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.113	0.13	0.45	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	9/17/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.156	0.11	0.46	—	pCi/L	U	U	08-1980	CAPA-08-15039	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	-0.0356	0.12	0.41	—	pCi/L	U	U	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.579	0.14	0.37	—	pCi/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.351	0.15	0.47	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.239	0.12	0.38	—	pCi/L	U	U	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	9/17/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.116	0.14	0.49	—	pCi/L	U	U	08-1980	CAPA-08-15040	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	HASL-300	Thorium-228	<	-0.000541	0.009	0.077	—	pCi/L	U	U	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.0118	0.012	0.076	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	HASL-300	Thorium-230	<	-0.00177	0.0051	0.097	—	pCi/L	U	U	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.000743	0.0056	0.095	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	HASL-300	Thorium-232	<	0.0023	0.0061	0.046	—	pCi/L	U	U	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00225	0.0027	0.045	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	LLEE	Tritium	<	0.6386	0.28737	0.28737	—	pCi/L	—	U	09-3246	CAPA-09-12172	UMTL
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.15965	0.28737	0.28737	—	pCi/L	U	U	09-3246	CAPA-09-12168	UMTL
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	0.98983	0.28737	0.28737	—	pCi/L	—	—	09-2149	CAPA-09-9404	UMTL
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.25544	0.28737	0.28737	—	pCi/L	U	U	09-1240	CAPA-09-4348	UMTL
R-18	5861	1358	9/17/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.38316	0.28737	0.28737	—	pCi/L	—	U	08-2002	CAPA-08-15040	UMTL
R-18	5861	1358	5/28/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.2	0.029	0.11	—	pCi/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.241	0.029	0.08	—	pCi/L	—	—	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	9/17/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.219	0.023	0.06	—	pCi/L	—	—	08-1980	CAPA-08-15039	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.184	0.025	0.084	—	pCi/L	—	—	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.216	0.032	0.11	—	pCi/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.2	0.029	0.11	—	pCi/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.195	0.029	0.12	—	pCi/L	—	—	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	9/17/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.287	0.027	0.059	—	pCi/L	—	—	08-1980	CAPA-08-15040	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0103	0.0077	0.051	—	pCi/L	U	U	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0285	0.01	0.037	—	pCi/L	U	U	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	9/17/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.042	0.01	0.031	—	pCi/L	—	—	08-1980	CAPA-08-15039	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.00585	0.0042	0.043	—	pCi/L	U	U	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00392	0.0039	0.057	—	pCi/L	U	U	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0164	0.0074	0.048	—	pCi/L	U	U	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0194	0.0088	0.056	—	pCi/L	U	U	09-1202	CAPA-09-4348	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-18	5861	1358	9/17/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0269	0.0076	0.031	—	pCi/L	U	U	08-1980	CAPA-08-15040	GELC
R-18	5861	1358	5/28/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.145	0.023	0.051	—	pCi/L	—	—	09-2077	CAPA-09-9403	GELC
R-18	5861	1358	3/12/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.13	0.02	0.048	—	pCi/L	—	—	09-1202	CAPA-09-4346	GELC
R-18	5861	1358	9/17/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.136	0.017	0.033	—	pCi/L	—	—	08-1980	CAPA-08-15039	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.13	0.02	0.051	—	pCi/L	—	—	09-3216	CAPA-09-12172	GELC
R-18	5861	1358	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.165	0.026	0.069	—	pCi/L	—	—	09-3216	CAPA-09-12168	GELC
R-18	5861	1358	5/28/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0954	0.018	0.048	—	pCi/L	—	—	09-2077	CAPA-09-9404	GELC
R-18	5861	1358	3/12/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.148	0.025	0.072	—	pCi/L	—	—	09-1202	CAPA-09-4348	GELC
R-18	5861	1358	9/17/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.166	0.019	0.033	—	pCi/L	—	—	08-1980	CAPA-08-15040	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.9	—	—	0.73	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	75.8	—	—	0.73	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	74.8	—	—	0.73	mg/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	0.05	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.6	—	—	0.03	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.1	—	—	0.03	mg/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.6	—	—	0.03	mg/L	—	—	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	0.03	mg/L	—	—	08-1984	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.2	—	—	0.05	mg/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	0.03	mg/L	—	—	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.8	—	—	0.03	mg/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	0.03	mg/L	—	—	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	0.03	mg/L	—	—	08-1984	CAPA-08-15010	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.67	—	—	0.066	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.7	—	—	0.066	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.76	—	—	0.066	mg/L	—	J+	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.849	—	—	0.033	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.451	—	—	0.033	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.572	—	—	0.033	mg/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	52.5	—	—	0.35	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	53.4	—	—	0.35	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	51.3	—	—	0.35	mg/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	56.8	—	—	0.35	mg/L	—	—	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	51	—	—	0.35	mg/L	—	—	08-1984	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.1	—	—	0.35	mg/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.7	—	—	0.35	mg/L	—	—	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	53.7	—	—	0.35	mg/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	54.9	—	—	0.35	mg/L	—	—	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	51	—	—	0.35	mg/L	—	—	08-1984	CAPA-08-15010	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.84	—	—	0.085	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	0.085	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.7	—	—	0.085	mg/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.12	—	—	0.085	mg/L	—	—	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.78	—	—	0.085	mg/L	—	—	08-1984	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.81	—	—	0.085	mg/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.95	—	—	0.085	mg/L	—	—	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	0.085	mg/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.04	—	—	0.085	mg/L	—	—	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.8	—	—	0.085	mg/L	—	—	08-1984	CAPA-08-15010	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.385	—	—	0.05	mg/L	—	J	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.409	—	—	0.05	mg/L	—	J+	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.128	—	—	0.01	mg/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.355	—	—	0.05	ug/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.357	—	—	0.05	ug/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.317	—	—	0.05	ug/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.965	—	—	0.05	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.04	—	—	0.05	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.897	—	—	0.05	mg/L	—	—	09-1196	CAPA-09-4290	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-19	232	909.3	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.03	—	—	0.05	mg/L	—	—	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.02	—	—	0.05	mg/L	—	—	08-1984	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.931	—	—	0.05	mg/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.06	—	—	0.05	mg/L	—	—	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.963	—	—	0.05	mg/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1	—	—	0.05	mg/L	—	—	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.06	—	—	0.05	mg/L	—	—	08-1984	CAPA-08-15010	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	0.1	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	0.045	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.4	—	—	0.045	mg/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.3	—	—	0.045	mg/L	E	J	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	0.045	mg/L	—	—	08-1984	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.9	—	—	0.1	mg/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	0.045	mg/L	—	—	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	0.045	mg/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.8	—	—	0.045	mg/L	E	—	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.7	—	—	0.045	mg/L	—	—	08-1984	CAPA-08-15010	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	116	—	—	1	uS/cm	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	166	—	—	1	uS/cm	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	152	—	—	1	uS/cm	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.13	—	—	0.1	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.18	—	—	0.1	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.28	—	—	0.1	mg/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	153	—	—	2.4	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	152	—	—	2.4	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	149	—	—	2.4	mg/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.498	—	—	0.33	mg/L	J	J	09-3209	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.924	—	—	0.33	mg/L	J	J	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.384	—	—	0.33	mg/L	J	J	09-1195	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.575	—	—	0.33	mg/L	J	J	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.417	—	—	0.33	mg/L	J	J	08-1984	CAPA-08-15010	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.29	—	—	0.01	SU	H	J-	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.73	—	—	0.01	SU	H	J-	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.29	—	—	0.01	SU	H	J-	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.8	—	—	1	ug/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.6	—	—	1	ug/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.6	—	—	1	ug/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.4	—	—	1	ug/L	—	—	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.3	—	—	1	ug/L	—	—	08-1984	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	25.5	—	—	1	ug/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.2	—	—	1	ug/L	—	—	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.8	—	—	1	ug/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	26.3	—	—	1	ug/L	—	—	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	32	—	—	1	ug/L	—	—	08-1984	CAPA-08-15010	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.71	—	—	1.5	ug/L	J	J	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.7	—	—	1.5	ug/L	J	J	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.5	—	—	1.5	ug/L	J	J	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.7	—	—	1.5	ug/L	J	J	08-1984	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.02	—	—	2.5	ug/L	J	J	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	46.6	—	—	1.5	ug/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3	—	—	1.5	ug/L	—	—	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.6	—	—	1.5	ug/L	J	J	08-1984	CAPA-08-15010	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.04	—	—	1	ug/L	J	J	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	ug/L	U	U	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	ug/L	U	U	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	ug/L	U	U	09-454	CAPA-09-1183	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-19	232	909.3	9/16/2008	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	ug/L	U	U	08-1984	CAPA-08-15009	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	ug/L	U	U	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	ug/L	U	U	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	ug/L	U	U	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	ug/L	U	U	08-1984	CAPA-08-15010	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.61	—	—	2	ug/L	J	J	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	08-1984	CAPA-08-15009	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.8	—	—	2	ug/L	J	J	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.2	—	—	2	ug/L	J	J	08-1984	CAPA-08-15010	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.33	—	—	0.1	ug/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.39	—	—	0.1	ug/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	0.1	ug/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	0.1	ug/L	—	—	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	0.1	ug/L	—	—	08-1984	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.65	—	—	0.1	ug/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.55	—	—	0.1	ug/L	—	—	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	6.2	—	—	0.1	ug/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	0.1	ug/L	—	—	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.4	—	—	0.1	ug/L	—	—	08-1984	CAPA-08-15010	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.745	—	—	0.5	ug/L	J	J	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.52	—	—	0.5	ug/L	J	J	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	08-1984	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.28	—	—	0.5	ug/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	28.6	—	—	0.5	ug/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.92	—	—	0.5	ug/L	J	J	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	0.5	ug/L	J	J	08-1984	CAPA-08-15010	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.9	—	—	0.053	mg/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.1	—	—	0.032	mg/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.6	—	—	0.032	mg/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	68.7	—	—	1	ug/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	71.6	—	—	1	ug/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	71.2	—	—	1	ug/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	74.8	—	—	1	ug/L	—	—	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	66.9	—	—	1	ug/L	—	—	08-1984	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	68.3	—	—	1	ug/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	73.3	—	—	1	ug/L	—	—	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	75.1	—	—	1	ug/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	72.6	—	—	1	ug/L	—	—	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	67	—	—	1	ug/L	—	—	08-1984	CAPA-08-15010	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.323	—	—	0.05	ug/L	—	—	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.294	—	—	0.05	ug/L	—	—	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.3	—	—	0.05	ug/L	—	—	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.24	—	—	0.05	ug/L	—	—	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.25	—	—	0.05	ug/L	—	—	08-1984	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.333	—	—	0.05	ug/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.278	—	—	0.05	ug/L	—	—	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.32	—	—	0.05	ug/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.25	—	—	0.05	ug/L	—	—	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.28	—	—	0.05	ug/L	—	—	08-1984	CAPA-08-15010	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-19	232	909.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.55	—	—	1	ug/L	J	J	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.84	—	—	1	ug/L	J	J	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.7	—	—	1	ug/L	J	J	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	1.6	—	—	1	ug/L	J	J	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.2	—	—	1	ug/L	J	J	08-1984	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.67	—	—	1	ug/L	J	J	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.77	—	—	1	ug/L	J	J	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.1	—	—	1	ug/L	J	J	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.5	—	—	1	ug/L	J	J	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.6	—	—	1	ug/L	J	J	08-1984	CAPA-08-15010	GELC
R-19	232	909.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.84	—	—	3.3	ug/L	J	J	09-3210	CAPA-09-12156	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.73	—	—	2	ug/L	J	J	09-2197	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.3	—	—	2	ug/L	J	J	09-1196	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.2	—	—	2	ug/L	J	J	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3	—	—	2	ug/L	J	J	08-1984	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.3	—	—	3.3	ug/L	J	J	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.98	—	—	2	ug/L	J	J	09-2197	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	19.6	—	—	2	ug/L	—	—	09-1196	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.4	—	—	2	ug/L	J	J	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.1	—	—	2	ug/L	J	J	08-1984	CAPA-08-15010	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00218	0.0028	0.028	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00958	0.008	0.041	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00397	0.0057	0.026	—	pCi/L	U	U	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00655	0.01	0.028	—	pCi/L	U	U	08-1983	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000663	0.0031	0.039	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00198	0.0017	0.029	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0157	0.013	0.053	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00152	0.0037	0.024	—	pCi/L	U	U	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00727	0.013	0.027	—	pCi/L	U	U	08-1983	CAPA-08-15010	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.77	1.5	5.2	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.892	1.1	4	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.18	1.3	4.6	—	pCi/L	U	U	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.33	1.3	4.8	—	pCi/L	U	U	08-1983	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.358	1.1	3.8	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.862	1.2	3.9	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0939	1.5	4.7	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.42	1.2	4.3	—	pCi/L	U	U	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.02	1.3	4.6	—	pCi/L	U	U	08-1983	CAPA-08-15010	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.38	1.4	4.9	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.253	1.2	4	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.271	1.6	5.1	—	pCi/L	U	U	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.29	1.3	4.8	—	pCi/L	U	U	08-1983	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.06	1.1	3.5	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.22	1.4	4.5	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.54	1.3	3.6	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.21	1.2	4	—	pCi/L	U	U	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.303	1.3	4.4	—	pCi/L	U	U	08-1983	CAPA-08-15010	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.96	0.95	2.7	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	0	0.42	1.9	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	8.59	2.6	4.5	—	pCi/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.28	0.95	2.3	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.964	0.55	1.7	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.645	0.65	2.2	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.12	0.65	2.1	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	7/21/2005	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.829	0.412	1.57	—	pCi/L	U	U	141426	GF0507G19R201	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.19	0.82	2.4	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.03	0.63	2	—	pCi/L	U	U	09-2194	CAPA-09-9350	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-19	232	909.3	3/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.187	0.58	2	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	7/21/2005	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.368	0.387	1.71	—	pCi/L	U	U	141426	GU0507G19R201	GELC
R-19	232	909.3	6/10/2004	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.491	0.398	1.59	—	pCi/L	U	U	114796	GU0406G19R201	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	8.56	4.7	17	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	11.4	17	45	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	12.1	12	13	—	pCi/L	U	U	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	7.62	40	21	—	pCi/L	U	U	08-1983	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15.1	12	22	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	26.4	14	26	—	pCi/L	—	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	11.1	13	36	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	13.6	19	40	—	pCi/L	U	U	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15.5	20	38	—	pCi/L	U	U	08-1983	CAPA-08-15010	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.21	10	34	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.22	11	34	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.6	9.2	30	—	pCi/L	U	U	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.86	9	28	—	pCi/L	U	U	08-1983	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.24	11	31	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.9	9.3	28	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	17.5	11	36	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-14.1	10	29	—	pCi/L	U	U	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.375	12	34	—	pCi/L	U	U	08-1983	CAPA-08-15010	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00202	0.0035	0.036	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00682	0.0051	0.032	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00228	0.0039	0.028	—	pCi/L	U	U	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0159	0.011	0.03	—	pCi/L	U	U	08-1983	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00205	0.0079	0.034	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00264	0.0026	0.048	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0108	0.0053	0.031	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00623	0.0046	0.026	—	pCi/L	U	U	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0116	0.011	0.029	—	pCi/L	U	U	08-1983	CAPA-08-15010	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0049	0.037	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.025	0.0088	0.046	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00455	0.0064	0.036	—	pCi/L	U	U	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0099	0.0066	0.034	—	pCi/L	U	U	08-1983	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00613	0.0074	0.033	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00529	0.0053	0.048	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0151	0.0094	0.043	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	9.89E-10	0.0066	0.033	—	pCi/L	U	U	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00772	0.0067	0.033	—	pCi/L	U	U	08-1983	CAPA-08-15010	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-45.6	22	51	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	1.67	19	67	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	19.6	15	54	—	pCi/L	U	U	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-1.36	18	61	—	pCi/L	U	U	08-1983	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-23.1	18	56	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	13.2	14	50	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	34.3	19	35	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-17.1	20	58	—	pCi/L	U	U	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	9.23	18	59	—	pCi/L	U	U	08-1983	CAPA-08-15010	GELC
R-19	232	909.3	7/5/2001	WG	F	CS	—	Rad	Gamma Spec	Radium-226	<	30	75	120	—	pCi/L	U	U	9247R	GW19-01-0018	PARA
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.548	0.2	0.5	—	pCi/L	—	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.362	0.16	0.49	—	pCi/L	U	U	08-1983	CAPA-08-15010	GELC
R-19	232	909.3	3/14/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.344	0.15	0.43	—	pCi/L	U	U	08-832	CAPA-08-11061	GELC
R-19	232	909.3	6/10/2004	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	4.35	3.59	8.67	—	pCi/L	U	U	114796	GU0406G19R201	GELC
R-19	232	909.3	6/10/2004	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.0884	0.0988	0.351	—	pCi/L	U	U	114796	GU0406G19R201	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	1.1	0.37	0.97	—	pCi/L	—	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.555	0.2	0.55	—	pCi/L	—	U	08-1983	CAPA-08-15010	GELC
R-19	232	909.3	3/14/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.0911	0.16	0.6	—	pCi/L	U	U	08-832	CAPA-08-11061	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-19	232	909.3	6/10/2004	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	3.79	3.39	13	—	pCi/L	U	U	114796	GU0406G19R201	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.07	1.4	4.4	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.13	1.1	4	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0872	1	3.5	—	pCi/L	U	U	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.07	1.4	3.6	—	pCi/L	U	U	08-1983	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.45	1.3	4.6	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.51	1.7	3.1	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.45	1.6	4.7	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.05	1.2	4.3	—	pCi/L	U	U	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.01	1.3	4.5	—	pCi/L	U	U	08-1983	CAPA-08-15010	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0375	0.13	0.45	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.145	0.12	0.42	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.13	0.13	0.45	—	pCi/L	U	U	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.156	0.069	0.22	—	pCi/L	U	U	08-1983	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.875	0.16	0.36	—	pCi/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0982	0.11	0.38	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0837	0.097	0.34	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.16	0.12	0.48	—	pCi/L	U	U	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.197	0.066	0.2	—	pCi/L	U	U	08-1983	CAPA-08-15010	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.00327	0.011	0.073	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/10/2004	WG	UF	CS	—	Rad	Alpha Spec	Thorium-228	<	-0.00123	0.00983	0.079	—	pCi/L	U	U	114796	GU0406G19R201	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	-0.00761	0.006	0.092	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/10/2004	WG	UF	CS	—	Rad	Alpha Spec	Thorium-230	<	0.0568	0.0155	0.147	—	pCi/L	U	U	114796	GU0406G19R201	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00217	0.0045	0.044	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/10/2004	WG	UF	CS	—	Rad	Alpha Spec	Thorium-232	<	0.00574	0.00507	0.036	—	pCi/L	U	U	114796	GU0406G19R201	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.70246	0.28737	0.28737	—	pCi/L	—	U	09-3246	CAPA-09-12155	UMTL
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	0.28737	0.28737	—	pCi/L	U	U	08-2002	CAPA-08-15010	UMTL
R-19	232	909.3	6/18/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.09579	0.28737	0.28737	—	pCi/L	U	U	08-1453	CAPA-08-13156	UMTL
R-19	232	909.3	3/14/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.35123	0.28737	0.28737	—	pCi/L	—	U	08-831	CAPA-08-11061	UMTL
R-19	232	909.3	12/10/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	0.28737	0.28737	—	pCi/L	U	U	08-396	CAPA-08-9392	UMTL
R-19	232	909.3	6/3/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.306	0.038	0.12	—	pCi/L	—	—	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.245	0.036	0.12	—	pCi/L	—	—	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.225	0.026	0.056	—	pCi/L	—	—	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.235	0.027	0.074	—	pCi/L	—	—	08-1983	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.237	0.032	0.097	—	pCi/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.255	0.032	0.11	—	pCi/L	—	—	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.28	0.032	0.083	—	pCi/L	—	—	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.273	0.028	0.054	—	pCi/L	—	—	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.228	0.026	0.072	—	pCi/L	—	—	08-1983	CAPA-08-15010	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0109	0.0064	0.053	—	pCi/L	U	U	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00388	0.0087	0.056	—	pCi/L	U	U	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00412	0.0058	0.03	—	pCi/L	U	U	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00524	0.0074	0.039	—	pCi/L	U	U	08-1983	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00337	0.0058	0.049	—	pCi/L	U	U	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0196	0.0081	0.048	—	pCi/L	U	U	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0347	0.0099	0.038	—	pCi/L	U	U	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00595	0.006	0.028	—	pCi/L	U	U	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00508	0.0051	0.038	—	pCi/L	U	U	08-1983	CAPA-08-15010	GELC
R-19	232	909.3	6/3/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0883	0.018	0.054	—	pCi/L	—	—	09-2194	CAPA-09-9348	GELC
R-19	232	909.3	3/10/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.1	0.021	0.071	—	pCi/L	—	—	09-1197	CAPA-09-4290	GELC
R-19	232	909.3	12/3/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.11	0.016	0.035	—	pCi/L	—	—	09-454	CAPA-09-1183	GELC
R-19	232	909.3	9/16/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0932	0.015	0.041	—	pCi/L	—	—	08-1983	CAPA-08-15009	GELC
R-19	232	909.3	9/10/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.109	0.019	0.059	—	pCi/L	—	—	09-3210	CAPA-09-12155	GELC
R-19	232	909.3	6/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.103	0.019	0.048	—	pCi/L	—	—	09-2194	CAPA-09-9350	GELC
R-19	232	909.3	3/10/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.117	0.018	0.049	—	pCi/L	—	—	09-1197	CAPA-09-4289	GELC
R-19	232	909.3	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0962	0.014	0.034	—	pCi/L	—	—	09-454	CAPA-09-1185	GELC
R-19	232	909.3	9/16/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0905	0.016	0.04	—	pCi/L	—	—	08-1983	CAPA-08-15010	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-19	282	1190.7	9/14/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.1	—	—	0.73	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.3	—	—	0.73	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.2	—	—	0.73	mg/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59.4	—	—	0.73	mg/L	—	—	09-484	CAPA-09-1215	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	0.05	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	0.03	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.4	—	—	0.03	mg/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	0.03	mg/L	—	—	09-485	CAPA-09-1215	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	0.03	mg/L	—	—	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	0.05	mg/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	5/29/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	0.03	mg/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	3/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	0.03	mg/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	0.03	mg/L	—	—	09-485	CAPA-09-1217	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	0.03	mg/L	—	—	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.77	—	—	0.066	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.86	—	—	0.066	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.77	—	—	0.066	mg/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.78	—	—	0.066	mg/L	—	J-	09-484	CAPA-09-1215	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.493	—	—	0.033	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.489	—	—	0.033	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.35	—	—	0.033	mg/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.395	—	—	0.033	mg/L	—	—	09-484	CAPA-09-1215	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.1	—	—	0.35	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.7	—	—	0.35	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.5	—	—	0.35	mg/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.6	—	—	0.35	mg/L	—	—	09-485	CAPA-09-1215	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.7	—	—	0.35	mg/L	—	—	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.3	—	—	0.35	mg/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	5/29/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.6	—	—	0.35	mg/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	3/9/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46	—	—	0.35	mg/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	12/10/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.7	—	—	0.35	mg/L	—	—	09-485	CAPA-09-1217	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.9	—	—	0.35	mg/L	—	—	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.05	—	—	0.085	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.19	—	—	0.085	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.42	—	—	0.085	mg/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	0.085	mg/L	—	—	09-485	CAPA-09-1215	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.9	—	—	0.085	mg/L	—	—	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.98	—	—	0.085	mg/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	5/29/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.98	—	—	0.085	mg/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	3/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.31	—	—	0.085	mg/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.11	—	—	0.085	mg/L	—	—	09-485	CAPA-09-1217	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.97	—	—	0.085	mg/L	—	—	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.299	—	—	0.05	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.293	—	—	0.05	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.116	—	—	0.01	mg/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.185	—	—	0.05	mg/L	J	J	09-484	CAPA-09-1215	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.217	—	—	0.05	ug/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.234	—	—	0.05	ug/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.222	—	—	0.05	ug/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.244	—	—	0.05	ug/L	—	—	09-484	CAPA-09-1215	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.17	—	—	0.05	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.26	—	—	0.05	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.32	—	—	0.05	mg/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.16	—	—	0.05	mg/L	—	—	09-485	CAPA-09-1215	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.12	—	—	0.05	mg/L	—	—	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.11	—	—	0.05	mg/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	5/29/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.25	—	—	0.05	mg/L	—	—	09-2117	CAPA-09-9374	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-19	282	1190.7	3/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.29	—	—	0.05	mg/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.17	—	—	0.05	mg/L	—	—	09-485	CAPA-09-1217	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.17	—	—	0.05	mg/L	—	—	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	0.1	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.045	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	0.045	mg/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.93	—	—	0.045	mg/L	—	—	09-485	CAPA-09-1215	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10	—	—	0.045	mg/L	—	—	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	0.1	mg/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	5/29/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	0.045	mg/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	3/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.045	mg/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	12/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.92	—	—	0.045	mg/L	—	—	09-485	CAPA-09-1217	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	0.045	mg/L	—	—	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	128	—	—	1	uS/cm	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	127	—	—	1	uS/cm	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	124	—	—	1	uS/cm	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1	uS/cm	—	—	09-484	CAPA-09-1215	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.69	—	—	0.1	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.84	—	—	0.1	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.79	—	—	0.1	mg/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.93	—	—	0.1	mg/L	—	J-	09-484	CAPA-09-1215	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	121	—	—	2.4	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	137	—	—	2.4	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	135	—	—	2.4	mg/L	—	J	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	131	—	—	2.4	mg/L	—	—	09-484	CAPA-09-1215	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.85	—	—	0.01	SU	H	J-	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.89	—	—	0.01	SU	H	J-	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.96	—	—	0.01	SU	H	J-	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.88	—	—	0.01	SU	H	J-	09-484	CAPA-09-1215	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.1	—	—	1	ug/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	17.1	—	—	1	ug/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	20.2	—	—	1	ug/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	16.8	—	—	1	ug/L	—	—	09-485	CAPA-09-1215	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18	—	—	1	ug/L	—	—	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19	—	—	1	ug/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	17.3	—	—	1	ug/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	3/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.1	—	—	1	ug/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16.7	—	—	1	ug/L	—	—	09-485	CAPA-09-1217	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16.1	—	—	1	ug/L	—	—	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	12.5	—	—	2	ug/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.15	—	—	2	ug/L	J	J	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	12.5	—	—	2	ug/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.7	—	—	2	ug/L	J	—	09-485	CAPA-09-1215	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.9	—	—	2	ug/L	J	J	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	9.48	—	—	2	ug/L	J	J	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.05	—	—	2	ug/L	J	J	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	3/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13.9	—	—	2	ug/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5	—	—	2	ug/L	J	—	09-485	CAPA-09-1217	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.3	—	—	2	ug/L	J	J	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.03	—	—	0.1	ug/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.02	—	—	0.1	ug/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.95	—	—	0.1	ug/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	0.93	—	—	0.1	ug/L	—	U	09-485	CAPA-09-1215	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.96	—	—	0.1	ug/L	—	J	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.02	—	—	0.1	ug/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	5/29/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.22	—	—	0.1	ug/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	3/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.5	—	—	0.1	ug/L	—	—	09-1156	CAPA-09-4314	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-19	282	1190.7	12/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	0.91	—	—	0.1	ug/L	—	U	09-485	CAPA-09-1217	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	0.1	ug/L	—	J	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.2	—	—	0.053	mg/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.7	—	—	0.032	mg/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	76.1	—	—	0.032	mg/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.3	—	—	0.032	mg/L	—	—	09-484	CAPA-09-1215	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	52.4	—	—	1	ug/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.8	—	—	1	ug/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.2	—	—	1	ug/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.2	—	—	1	ug/L	—	—	09-485	CAPA-09-1215	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	50.8	—	—	1	ug/L	—	—	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.4	—	—	1	ug/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51.7	—	—	1	ug/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	3/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.3	—	—	1	ug/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.3	—	—	1	ug/L	—	—	09-485	CAPA-09-1217	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	51	—	—	1	ug/L	—	—	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.276	—	—	0.05	ug/L	—	—	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.273	—	—	0.05	ug/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.33	—	—	0.05	ug/L	—	—	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.28	—	—	0.05	ug/L	—	—	09-485	CAPA-09-1215	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.29	—	—	0.05	ug/L	—	—	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.286	—	—	0.05	ug/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	5/29/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.32	—	—	0.05	ug/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	3/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.33	—	—	0.05	ug/L	—	—	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	12/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.29	—	—	0.05	ug/L	—	—	09-485	CAPA-09-1217	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.3	—	—	0.05	ug/L	—	—	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.63	—	—	1	ug/L	J	J	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.01	—	—	1	ug/L	—	—	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.7	—	—	1	ug/L	J	J	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.3	—	—	1	ug/L	J	—	09-485	CAPA-09-1215	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.2	—	—	1	ug/L	—	—	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.9	—	—	1	ug/L	J	J	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.64	—	—	1	ug/L	J	J	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	3/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.4	—	—	1	ug/L	J	J	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.5	—	—	1	ug/L	J	—	09-485	CAPA-09-1217	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5	—	—	1	ug/L	—	—	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	9/14/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.22	—	—	3.3	ug/L	J	J	09-3257	CAPA-09-12177	GELC
R-19	282	1190.7	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.84	—	—	2	ug/L	J	J	09-2117	CAPA-09-9375	GELC
R-19	282	1190.7	3/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	5.8	—	—	2	ug/L	J	U	09-1156	CAPA-09-4313	GELC
R-19	282	1190.7	12/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.1	—	—	2	ug/L	J	—	09-485	CAPA-09-1215	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.19	—	—	3.3	ug/L	J	J	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	51.7	—	—	2	ug/L	—	—	09-2117	CAPA-09-9374	GELC
R-19	282	1190.7	3/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	23.4	—	—	2	ug/L	—	J	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	12/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	6.6	—	—	2	ug/L	J	—	09-485	CAPA-09-1217	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.8	—	—	2	ug/L	J	J	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00306	0.004	0.023	—	pCi/L	U	U	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	7/21/2005	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0185	0.00863	0.063	—	pCi/L	U	U	141551	GF0507G19R301	GELC
R-19	282	1190.7	9/19/2001	WG	F	CS	—	Rad	Gamma Spec	Americium-241	<	4.38	6	20.3	—	pCi/L	U	U	9842R	GW19-01-0037	STR
R-19	282	1190.7	9/19/2001	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0108	0.00485	0.0109	—	pCi/L	U	U	9842R	GW19-01-0037	STR
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000815	0.002	0.037	—	pCi/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00233	0.0042	0.025	—	pCi/L	U	U	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	7/21/2005	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00012	0.0126	0.07	—	pCi/L	U	U	141551	GU0507G19R301	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	Alpha Spec	Americium-241	<	0	0.00513	0.045	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	EPA:901.1	Americium-241	<	13.1	7.71	25.9	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.38	1.5	4.4	—	pCi/L	U	U	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	7/21/2005	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.17	0.94	3.59	—	pCi/L	U	U	141551	GF0507G19R301	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-19	282	1190.7	9/19/2001	WG	F	CS	—	Rad	Gamma Spec	Cesium-137	<	1.32	1.6	5.94	—	pCi/L	U	U	9842R	GW19-01-0037	STSL
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.367	1.2	3.9	—	pCi/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.557	1.2	4	—	pCi/L	U	U	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	7/21/2005	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.77	1.8	4.45	—	pCi/L	U	U	141551	GU0507G19R301	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.186	0.944	3.32	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.07	1.2	3.4	—	pCi/L	U	U	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	7/21/2005	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.14	1.09	3.74	—	pCi/L	U	U	141551	GF0507G19R301	GELC
R-19	282	1190.7	9/19/2001	WG	F	CS	—	Rad	Gamma Spec	Cobalt-60	<	3.21	1.7	7.2	—	pCi/L	U	U	9842R	GW19-01-0037	STR
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.78	1.2	4.7	—	pCi/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.762	1.5	3.9	—	pCi/L	U	U	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	7/21/2005	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.947	1.24	4.32	—	pCi/L	U	U	141551	GU0507G19R301	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.153	0.912	3.48	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.27	0.97	2.4	—	pCi/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	7/21/2005	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.33	0.393	1.38	—	pCi/L	U	U	141551	GF0507G19R301	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.975	0.65	2.1	—	pCi/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	7/21/2005	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.49	0.539	1.63	—	pCi/L	—	J	141551	GU0507G19R301	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.741	0.363	1.68	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	282	1190.7	9/19/2001	WG	UF	CS	—	Rad	Gross Beta	Gross beta	—	1.720000029	0.435000002	1.559999943	—	pCi/L	—	—	9842R	GW19-01-0036	STR
R-19	282	1190.7	9/18/2001	WG	UF	CS	—	Rad	Gross Beta	Gross beta	—	1.769999981	0.430000007	1.529999971	—	pCi/L	J	—	9834R	GW19-01-0034	STR
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	6.34	9.4	25	—	pCi/L	U	U	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	7/21/2005	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	83.7	65.8	333	—	pCi/L	U	U	141551	GF0507G19R301	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	55.4	35	74	—	pCi/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	12.7	12	47	—	pCi/L	U	U	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	7/21/2005	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	96.4	96	297	—	pCi/L	U	U	141551	GU0507G19R301	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	83.5	80.3	291	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	282	1190.7	9/19/2001	WG	UF	CS	—	Rad	Gross Gamma	Gross gamma	<	32.5	45.5	6.550000191	—	pCi/L	—	U	9842R	GW19-01-0036	STR
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.1	10	33	—	pCi/L	U	U	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	7/21/2005	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.96	7.42	25.3	—	pCi/L	U	U	141551	GF0507G19R301	GELC
R-19	282	1190.7	7/10/2001	WG	F	CS	—	Rad	Gamma Spec	Neptunium-237	<	-7	13.5	22	—	pCi/L	U	U	9272R	GW19-01-0020	PARA
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-18	11	35	—	pCi/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.61	10	34	—	pCi/L	U	U	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	7/21/2005	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.83	7.39	25.3	—	pCi/L	U	U	141551	GU0507G19R301	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.25	7.69	27.2	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00625	0.0096	0.032	—	pCi/L	U	U	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	7/21/2005	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0129	0.0187	0.089	—	pCi/L	U	JN+, U	141551	GF0507G19R301	GELC
R-19	282	1190.7	7/21/2005	WG	F	RE	—	Rad	HASL-300	Plutonium-238	<	0.00963	0.00835	0.0499	—	pCi/L	U	U	147435	GF0507G19R301	GELC
R-19	282	1190.7	7/21/2005	WG	F	REDP	—	Rad	HASL-300	Plutonium-238	<	-0.00201	0.00284	0.0417	—	pCi/L	U	—	147435	GF0507G19R301	GELC
R-19	282	1190.7	9/19/2001	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.000436	0.0025	0.015	—	pCi/L	U	U	9842R	GW19-01-0037	STR
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00238	0.0024	0.04	—	pCi/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00183	0.0061	0.028	—	pCi/L	U	U	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	7/21/2005	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00748	0.0118	0.078	—	pCi/L	U	JN+, U	141551	GU0507G19R301	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-238	<	1.76E-10	0.00417	0.046	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0187	0.0081	0.036	—	pCi/L	U	U	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	7/21/2005	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	—	0.163	0.029	0.075	—	pCi/L	—	J	141551	GF0507G19R301	GELC
R-19	282	1190.7	7/21/2005	WG	F	RE	—	Rad	HASL-300	Plutonium-239/240	<	0.00961	0.0059	0.0421	—	pCi/L	U	U	147435	GF0507G19R301	GELC
R-19	282	1190.7	7/21/2005	WG	F	REDP	—	Rad	HASL-300	Plutonium-239/240	<	0.00602	0.00449	0.0352	—	pCi/L	U	—	147435	GF0507G19R301	GELC
R-19	282	1190.7	9/19/2001	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.000436	0.0025	0.015	—	pCi/L	U	U	9842R	GW19-01-0037	STR
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00713	0.0053	0.039	—	pCi/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0128	0.0066	0.031	—	pCi/L	U	U	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	7/21/2005	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0112	0.0179	0.065	—	pCi/L	U	U	141551	GU0507G19R301	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	Alpha Spec	Plutonium-239/240	<	-0.00295	0.00511	0.047	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	21.9	20	30	—	pCi/L	U	U	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	7/21/2005	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	9.16	11.3	39.9	—	pCi/L	U	U	141551	GF0507G19R301	GELC
R-19	282	1190.7	9/19/2001	WG	F	CS	—	Rad	Gamma Spec	Potassium-40	<	-17.7	33	133	—	pCi/L	U	U	9842R	GW19-01-0037	STR
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	39.7	15	57	—	pCi/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	23.1	21	39	—	pCi/L	U	U	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	7/21/2005	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	22.9	13.5	53.2	—	pCi/L	U	U	141551	GU0507G19R301	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-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.6	12.6	43.7	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	282	1190.7	7/10/2001	WG	F	CS	—	Rad	Gamma Spec	Radium-226	<	50	65	110	—	pCi/L	U	U	9272R	GW19-01-0020	PARA
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.754	0.25	0.47	—	pCi/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.563	0.2	0.49	—	pCi/L	—	U	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	3/17/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.462	0.15	0.39	—	pCi/L	—	—	08-827	CAPA-08-11068	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.0942	0.105	0.374	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	10.4	3.96	6.94	—	pCi/L	—	JN+	115069	GU0406G19R301	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	2.2	0.67	1.8	—	pCi/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.771	0.19	0.43	—	pCi/L	—	—	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	3/17/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.0645	0.14	0.51	—	pCi/L	U	U	08-827	CAPA-08-11068	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	5.2	3.28	13.1	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.24	1.4	5	—	pCi/L	U	U	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	7/21/2005	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.668	0.913	3.67	—	pCi/L	U	U	141551	GF0507G19R301	GELC
R-19	282	1190.7	7/10/2001	WG	F	CS	—	Rad	Gamma Spec	Sodium-22	<	-2.7	3.9	6.8	—	pCi/L	U	U	9272R	GW19-01-0020	PARA
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.385	1.2	4.1	—	pCi/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.162	1.3	4.2	—	pCi/L	U	U	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	7/21/2005	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.25	1.62	5.02	—	pCi/L	U	U	141551	GU0507G19R301	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.24	1.11	3.84	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.384	0.14	0.45	—	pCi/L	U	U	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	7/21/2005	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.176	0.0716	0.275	—	pCi/L	U	U	141551	GF0507G19R301	GELC
R-19	282	1190.7	9/19/2001	WG	F	CS	—	Rad	Beta Counting	Strontium-90	<	0.349	0.265	0.989	—	pCi/L	U	U	9842R	GW19-01-0037	STSL
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.145	0.13	0.44	—	pCi/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.102	0.077	0.27	—	pCi/L	U	U	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	7/21/2005	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0699	0.0625	0.263	—	pCi/L	U	U	141551	GU0507G19R301	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	GFPC	Strontium-90	<	0.282	0.0917	0.327	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.013	0.012	0.067	—	pCi/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	Alpha Spec	Thorium-228	<	0.0102	0.00961	0.09	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	-0.0105	0.0042	0.084	—	pCi/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	Alpha Spec	Thorium-230	<	0.0393	0.0133	0.166	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00193	0.004	0.04	—	pCi/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	Alpha Spec	Thorium-232	<	0.00217	0.00485	0.041	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	0.28737	0.28737	—	pCi/L	U	U	09-3258	CAPA-09-12175	UMTL
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	4.256269	1.095199	2.758752	—	pCi/L	—	U	08-1935	CAPA-08-15047	ARSL
R-19	282	1190.7	6/17/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	0.28737	0.28737	—	pCi/L	U	U	08-1453	CAPA-08-13215	UMTL
R-19	282	1190.7	3/17/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	0.28737	0.28737	—	pCi/L	U	U	08-833	CAPA-08-11068	UMTL
R-19	282	1190.7	12/10/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.06386	0.28737	0.28737	—	pCi/L	U	U	08-396	CAPA-08-9394	UMTL
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.235	0.024	0.058	—	pCi/L	—	—	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	7/21/2005	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.27	0.0361	0.121	—	pCi/L	—	J	141551	GF0507G19R301	GELC
R-19	282	1190.7	9/19/2001	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.165	0.0215	0.0041	—	pCi/L	—	—	9842R	GW19-01-0037	STR
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.253	0.032	0.089	—	pCi/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.225	0.024	0.064	—	pCi/L	—	—	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	7/21/2005	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.304	0.0384	0.131	—	pCi/L	—	J	141551	GU0507G19R301	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	Alpha Spec	Uranium-234	—	0.278	0.0285	0.071	—	pCi/L	—	—	115069	GU0406G19R301	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00829	0.0042	0.031	—	pCi/L	U	U	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	7/21/2005	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0147	0.011	0.091	—	pCi/L	U	U	141551	GF0507G19R301	GELC
R-19	282	1190.7	9/19/2001	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00151	0.0015	0.0041	—	pCi/L	U	U	9842R	GW19-01-0037	STR
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0093	0.0054	0.045	—	pCi/L	U	U	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00921	0.0046	0.034	—	pCi/L	U	U	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	7/21/2005	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0371	0.0141	0.098	—	pCi/L	U	U	141551	GU0507G19R301	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	Alpha Spec	Uranium-235/236	<	0.0187	0.0088	0.044	—	pCi/L	U	U	115069	GU0406G19R301	GELC
R-19	282	1190.7	9/10/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.099	0.014	0.03	—	pCi/L	—	—	08-1915	CAPA-08-15046	GELC
R-19	282	1190.7	7/21/2005	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0755	0.0237	0.086	—	pCi/L	U	U	141551	GF0507G19R301	GELC
R-19	282	1190.7	9/19/2001	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.104	0.0155	0.00855	—	pCi/L	—	—	9842R	GW19-01-0037	STR
R-19	282	1190.7	9/14/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.125	0.02	0.054	—	pCi/L	—	—	09-3257	CAPA-09-12175	GELC
R-19	282	1190.7	9/10/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.102	0.015	0.034	—	pCi/L	—	—	08-1915	CAPA-08-15047	GELC
R-19	282	1190.7	7/21/2005	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0986	0.0226	0.093	—	pCi/L	—	J	141551	GU0507G19R301	GELC
R-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	EPA:901.1	Uranium-238	<	37.3	86.4	211	—	pCi/L	U	U	115069	GU0406G19R301	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-19	282	1190.7	6/14/2004	WG	UF	CS	—	Rad	Alpha Spec	Uranium-238	—	0.103	0.0167	0.05	—	pCi/L	—	J	115069	GU0406G19R301	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	FTB	Voa	SW-846:8260B	Acetone	—	3.65	—	—	3.5	ug/L	J	J	09-3256	CAPA-09-12176	GELC
R-19	282	1190.7	5/29/2009	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.5	ug/L	U	UJ	09-2116	CAPA-09-9374	GELC
R-19	282	1190.7	3/9/2009	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.5	ug/L	U	UJ	09-1156	CAPA-09-4314	GELC
R-19	282	1190.7	9/14/2009	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.302	—	—	0.3	ug/L	J	J	09-3256	CAPA-09-12176	GELC
R-19	282	1190.7	5/29/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.3	ug/L	U	U	09-2116	CAPA-09-9374	GELC
R-19	282	1190.7	3/9/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.3	ug/L	U	U	09-1156	CAPA-09-4314	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	52.8	—	—	0.73	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	51.4	—	—	0.73	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.4	—	—	0.73	mg/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	50.9	—	—	0.73	mg/L	—	—	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.2	—	—	0.05	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.3	—	—	0.03	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.06	—	—	0.03	mg/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.39	—	—	0.03	mg/L	—	—	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	8.68	—	—	0.03	mg/L	—	—	08-1932	CAPA-08-15048	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.23	—	—	0.05	mg/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	6/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.18	—	—	0.03	mg/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	3/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.05	—	—	0.03	mg/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	12/3/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.38	—	—	0.03	mg/L	—	—	09-437	CAPA-09-1220	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.03	—	—	0.03	mg/L	—	—	08-1932	CAPA-08-15049	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.47	—	—	0.066	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.59	—	—	0.066	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.5	—	—	0.066	mg/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.53	—	—	0.066	mg/L	—	—	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.477	—	—	0.033	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.356	—	—	0.033	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.209	—	—	0.033	mg/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.239	—	—	0.033	mg/L	—	—	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.6	—	—	0.35	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34.9	—	—	0.35	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34	—	—	0.35	mg/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35	—	—	0.35	mg/L	—	—	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	32.9	—	—	0.35	mg/L	—	—	08-1932	CAPA-08-15048	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.9	—	—	0.35	mg/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	6/1/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.1	—	—	0.35	mg/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	3/4/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.5	—	—	0.35	mg/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	12/3/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.1	—	—	0.35	mg/L	—	—	09-437	CAPA-09-1220	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.2	—	—	0.35	mg/L	—	—	08-1932	CAPA-08-15049	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	0.085	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	0.085	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.77	—	—	0.085	mg/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.8	—	—	0.085	mg/L	—	—	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.74	—	—	0.085	mg/L	—	—	08-1932	CAPA-08-15048	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.88	—	—	0.085	mg/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	6/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.72	—	—	0.085	mg/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	3/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.89	—	—	0.085	mg/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	12/3/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.84	—	—	0.085	mg/L	—	—	09-437	CAPA-09-1220	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.82	—	—	0.085	mg/L	—	—	08-1932	CAPA-08-15049	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.364	—	—	0.05	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.382	—	—	0.05	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.428	—	—	0.05	mg/L	—	J	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.277	—	—	0.05	mg/L	—	J	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.294	—	—	0.05	ug/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.225	—	—	0.05	ug/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.262	—	—	0.05	ug/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.274	—	—	0.05	ug/L	—	J	09-437	CAPA-09-1221	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-19	352	1412.9	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	0.05	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.52	—	—	0.05	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	0.05	mg/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.52	—	—	0.05	mg/L	—	—	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	0.05	mg/L	—	—	08-1932	CAPA-08-15048	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.58	—	—	0.05	mg/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	6/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.42	—	—	0.05	mg/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	3/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	0.05	mg/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	12/3/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.56	—	—	0.05	mg/L	—	—	09-437	CAPA-09-1220	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	0.05	mg/L	—	—	08-1932	CAPA-08-15049	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	0.1	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.87	—	—	0.045	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.97	—	—	0.045	mg/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.62	—	—	0.045	mg/L	—	—	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.26	—	—	0.045	mg/L	—	—	08-1932	CAPA-08-15048	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	0.1	mg/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	6/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.68	—	—	0.045	mg/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	3/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	0.045	mg/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	12/3/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.62	—	—	0.045	mg/L	—	—	09-437	CAPA-09-1220	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.63	—	—	0.045	mg/L	—	—	08-1932	CAPA-08-15049	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	111	—	—	1	uS/cm	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	109	—	—	1	uS/cm	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	109	—	—	1	uS/cm	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	109	—	—	1	uS/cm	—	—	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	125	—	—	2.4	mg/L	H	J	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	124	—	—	2.4	mg/L	—	J	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.4	mg/L	H	J-	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	128	—	—	2.4	mg/L	—	J	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.82	—	—	0.01	SU	H	J-	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.79	—	—	0.01	SU	H	J-	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.94	—	—	0.01	SU	H	J-	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.05	—	—	0.01	SU	H	J-	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28	—	—	1	ug/L	—	J	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.7	—	—	1	ug/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.6	—	—	1	ug/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	28.5	—	—	1	ug/L	—	—	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	26.4	—	—	1	ug/L	—	—	08-1932	CAPA-08-15048	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.5	—	—	1	ug/L	—	J	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	6/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.2	—	—	1	ug/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	3/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	28.5	—	—	1	ug/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.7	—	—	1	ug/L	—	—	09-437	CAPA-09-1220	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	27.4	—	—	1	ug/L	—	—	08-1932	CAPA-08-15049	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.02	—	—	2.5	ug/L	J	J	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.67	—	—	1.5	ug/L	J	J	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.6	—	—	1.5	ug/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.4	—	—	1.5	ug/L	—	—	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.6	—	—	1.5	ug/L	—	—	08-1932	CAPA-08-15048	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	13.6	—	—	2.5	ug/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	6/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.88	—	—	1.5	ug/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	3/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.4	—	—	1.5	ug/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.7	—	—	1.5	ug/L	—	—	09-437	CAPA-09-1220	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.9	—	—	1.5	ug/L	—	—	08-1932	CAPA-08-15049	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	08-1932	CAPA-08-15048	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	73.5	—	—	30	ug/L	J	J	09-3300	CAPA-09-12181	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-19	352	1412.9	6/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	3/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	38.9	—	—	25	ug/L	J	J	09-437	CAPA-09-1220	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	08-1932	CAPA-08-15049	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.08	—	—	2	ug/L	J	J	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	08-1932	CAPA-08-15048	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.42	—	—	2	ug/L	J	J	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	6/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	3/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.5	—	—	2	ug/L	J	J	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.7	—	—	2	ug/L	J	J	09-437	CAPA-09-1220	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	08-1932	CAPA-08-15049	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.09	—	—	0.1	ug/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.04	—	—	0.1	ug/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.89	—	—	0.1	ug/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	0.1	ug/L	—	J	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	1	—	—	0.1	ug/L	—	U	08-1932	CAPA-08-15048	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.61	—	—	0.1	ug/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	6/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.16	—	—	0.1	ug/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	3/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.93	—	—	0.1	ug/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	0.1	ug/L	—	J	09-437	CAPA-09-1220	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	1.1	—	—	0.1	ug/L	—	U	08-1932	CAPA-08-15049	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.14	—	—	0.5	ug/L	J	J	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	08-1932	CAPA-08-15048	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.99	—	—	0.5	ug/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	6/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.77	—	—	0.5	ug/L	J	J	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	3/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	0.5	ug/L	J	J	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.1	—	—	0.5	ug/L	—	—	09-437	CAPA-09-1220	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.92	—	—	0.5	ug/L	J	J	08-1932	CAPA-08-15049	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74.6	—	—	0.053	mg/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	75.8	—	—	0.032	mg/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	74	—	—	0.032	mg/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.6	—	—	0.032	mg/L	—	—	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.8	—	—	1	ug/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.6	—	—	1	ug/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	45.9	—	—	1	ug/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.8	—	—	1	ug/L	—	—	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.6	—	—	1	ug/L	—	—	08-1932	CAPA-08-15048	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44.9	—	—	1	ug/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	6/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.9	—	—	1	ug/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	3/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.2	—	—	1	ug/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	45.7	—	—	1	ug/L	—	—	09-437	CAPA-09-1220	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44.4	—	—	1	ug/L	—	—	08-1932	CAPA-08-15049	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.361	—	—	0.3	ug/L	J	J	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	08-1932	CAPA-08-15048	GELC
R-19	352	1412.9	6/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.479	—	—	0.3	ug/L	J	J	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	3/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-437	CAPA-09-1220	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	08-1932	CAPA-08-15049	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.316	—	—	0.05	ug/L	—	—	09-3300	CAPA-09-12180	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-19	352	1412.9	6/1/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.358	—	—	0.05	ug/L	—	—	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.31	—	—	0.05	ug/L	—	—	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.33	—	—	0.05	ug/L	—	U	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.31	—	—	0.05	ug/L	—	—	08-1932	CAPA-08-15048	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.317	—	—	0.05	ug/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	6/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.335	—	—	0.05	ug/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	3/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.31	—	—	0.05	ug/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.29	—	—	0.05	ug/L	—	U	09-437	CAPA-09-1220	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.31	—	—	0.05	ug/L	—	—	08-1932	CAPA-08-15049	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.06	—	—	1	ug/L	—	—	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.79	—	—	1	ug/L	J	J	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.5	—	—	1	ug/L	—	J	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.3	—	—	1	ug/L	J	J	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5	—	—	1	ug/L	—	—	08-1932	CAPA-08-15048	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.05	—	—	1	ug/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	6/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.81	—	—	1	ug/L	J	J	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	3/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.3	—	—	1	ug/L	—	J	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.4	—	—	1	ug/L	J	J	09-437	CAPA-09-1220	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.4	—	—	1	ug/L	—	—	08-1932	CAPA-08-15049	GELC
R-19	352	1412.9	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	9.33	—	—	3.3	ug/L	J	J	09-3300	CAPA-09-12180	GELC
R-19	352	1412.9	6/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.4	—	—	2	ug/L	J	J	09-2141	CAPA-09-9379	GELC
R-19	352	1412.9	3/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.5	—	—	2	ug/L	J	J	09-1099	CAPA-09-4318	GELC
R-19	352	1412.9	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.5	—	—	2	ug/L	J	J	09-437	CAPA-09-1221	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.7	—	—	2	ug/L	J	J	08-1932	CAPA-08-15048	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	22.4	—	—	3.3	ug/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	6/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.6	—	—	2	ug/L	—	—	09-2141	CAPA-09-9377	GELC
R-19	352	1412.9	3/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	20.8	—	—	2	ug/L	—	—	09-1099	CAPA-09-4317	GELC
R-19	352	1412.9	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	13.2	—	—	2	ug/L	—	—	09-437	CAPA-09-1220	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.7	—	—	2	ug/L	J	J	08-1932	CAPA-08-15049	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Pest	SW-846:8081A	BHC[gamma-]	—	0.0102	—	—	0.0064	ug/L	J	J-	09-3299	CAPA-09-12181	GELC
R-19	352	1412.9	6/11/2008	WG	UF	CS	—	Pest	SW-846:8081A	BHC[gamma-]	<	0.02	—	—	0.005	ug/L	U	U	08-1345	CAPA-08-13172	GELC
R-19	352	1412.9	3/13/2008	WG	UF	CS	—	Pest	SW-846:8081A	BHC[gamma-]	<	0.0227	—	—	0.0057	ug/L	U	U	08-807	CAPA-08-11034	GELC
R-19	352	1412.9	12/6/2007	WG	UF	CS	—	Pest	SW-846:8081A	BHC[gamma-]	<	0.0227	—	—	0.0057	ug/L	U	U	08-372	CAPA-08-9380	GELC
R-19	352	1412.9	9/10/2007	WG	UF	CS	—	Pest	SW-846:8081A	BHC[gamma-]	<	0.025	—	—	0.00625	ug/L	U	—	193615	GU07080G19R401	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	0.012	0.033	—	pCi/L	U	U	08-1933	CAPA-08-15048	GELC
R-19	352	1412.9	6/11/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00132	0.0045	0.044	—	pCi/L	U	U	08-1366	CAPA-08-13174	GELC
R-19	352	1412.9	3/13/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.012	0.013	0.049	—	pCi/L	U	U	08-807	CAPA-08-11036	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000248	0.0026	0.047	—	pCi/L	U	U	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00381	0.012	0.033	—	pCi/L	U	U	08-1933	CAPA-08-15049	GELC
R-19	352	1412.9	6/11/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000972	0.0075	0.034	—	pCi/L	U	U	08-1346	CAPA-08-13172	GELC
R-19	352	1412.9	3/13/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00596	0.011	0.044	—	pCi/L	U	U	08-807	CAPA-08-11034	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.102	1.6	4.9	—	pCi/L	U	U	08-1933	CAPA-08-15048	GELC
R-19	352	1412.9	6/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.561	1.4	4.6	—	pCi/L	U	U	08-1366	CAPA-08-13174	GELC
R-19	352	1412.9	3/13/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.54	1.2	3.6	—	pCi/L	U	U	08-807	CAPA-08-11036	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.221	1.2	3.8	—	pCi/L	U	U	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.9	1.2	4.3	—	pCi/L	U	U	08-1933	CAPA-08-15049	GELC
R-19	352	1412.9	6/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.181	1.3	4.4	—	pCi/L	U	U	08-1346	CAPA-08-13172	GELC
R-19	352	1412.9	3/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.35	1.3	3.3	—	pCi/L	U	U	08-807	CAPA-08-11034	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.92	1.4	5.2	—	pCi/L	U	U	08-1933	CAPA-08-15048	GELC
R-19	352	1412.9	6/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.37	1.3	4.8	—	pCi/L	U	U	08-1366	CAPA-08-13174	GELC
R-19	352	1412.9	3/13/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.86	1.3	4.4	—	pCi/L	U	U	08-807	CAPA-08-11036	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.4	1.4	5	—	pCi/L	U	U	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.593	1.3	4	—	pCi/L	U	U	08-1933	CAPA-08-15049	GELC
R-19	352	1412.9	6/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.444	1.3	4.4	—	pCi/L	U	U	08-1346	CAPA-08-13172	GELC
R-19	352	1412.9	3/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.264	1.2	3.9	—	pCi/L	U	U	08-807	CAPA-08-11034	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.196	0.51	2.2	—	pCi/L	U	U	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	9/10/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.35	0.759	2.46	—	pCi/L	U	U	193615	GF07080G19R401	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-19	352	1412.9	6/28/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	1.98	0.531	1.6	—	pCi/L	—	J	188990	GF07060G19R401	GELC
R-19	352	1412.9	4/3/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.79	0.788	2.16	—	pCi/L	—	J	183665	GF07030G19R401	GELC
R-19	352	1412.9	12/12/2006	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.14	0.386	1.24	—	pCi/L	U	U	177829	GF06120G19R401	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.68	0.9	2.5	—	pCi/L	—	U	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	9/10/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-0.761	0.714	2.68	—	pCi/L	U	U	193615	GU07080G19R401	GELC
R-19	352	1412.9	6/28/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.24	0.599	1.81	—	pCi/L	—	J	188990	GU07060G19R401	GELC
R-19	352	1412.9	4/3/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.41	0.863	2.85	—	pCi/L	U	U	183665	GU07030G19R401	GELC
R-19	352	1412.9	12/12/2006	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	1.65	0.409	1.28	—	pCi/L	—	J	177829	GU06120G19R401	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	8.23	9.3	8.7	—	pCi/L	U	U	08-1933	CAPA-08-15048	GELC
R-19	352	1412.9	6/11/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	91.4	60	340	—	pCi/L	U	U	08-1366	CAPA-08-13174	GELC
R-19	352	1412.9	3/13/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	74.6	46	260	—	pCi/L	U	U	08-807	CAPA-08-11036	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	110	280	78	—	pCi/L	—	U	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	16.3	31	62	—	pCi/L	U	U	08-1933	CAPA-08-15049	GELC
R-19	352	1412.9	6/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	82.1	100	280	—	pCi/L	U	U	08-1346	CAPA-08-13172	GELC
R-19	352	1412.9	3/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	80.7	57	230	—	pCi/L	U	U	08-807	CAPA-08-11034	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.49	9.9	33	—	pCi/L	U	U	08-1933	CAPA-08-15048	GELC
R-19	352	1412.9	6/11/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.635	11	36	—	pCi/L	U	U	08-1366	CAPA-08-13174	GELC
R-19	352	1412.9	3/13/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.7	12	36	—	pCi/L	U	U	08-807	CAPA-08-11036	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.79	11	33	—	pCi/L	U	U	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-26	9.3	26	—	pCi/L	U	U	08-1933	CAPA-08-15049	GELC
R-19	352	1412.9	6/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	19.2	11	32	—	pCi/L	U	U	08-1346	CAPA-08-13172	GELC
R-19	352	1412.9	3/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.7	9.2	28	—	pCi/L	U	U	08-807	CAPA-08-11034	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0018	0.024	—	pCi/L	U	U	08-1933	CAPA-08-15048	GELC
R-19	352	1412.9	6/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00512	0.0054	0.039	—	pCi/L	U	U	08-1366	CAPA-08-13174	GELC
R-19	352	1412.9	3/13/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0175	0.017	0.04	—	pCi/L	U	U	08-807	CAPA-08-11036	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00256	0.0036	0.043	—	pCi/L	U	U	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0018	0.025	—	pCi/L	U	U	08-1933	CAPA-08-15049	GELC
R-19	352	1412.9	6/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0079	0.0087	0.031	—	pCi/L	U	U	08-1346	CAPA-08-13172	GELC
R-19	352	1412.9	3/13/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00974	0.0084	0.045	—	pCi/L	U	U	08-807	CAPA-08-11034	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00349	0.0025	0.03	—	pCi/L	U	U	08-1933	CAPA-08-15048	GELC
R-19	352	1412.9	6/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00356	0.0036	0.052	—	pCi/L	U	U	08-1366	CAPA-08-13174	GELC
R-19	352	1412.9	3/13/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0131	0.0076	0.039	—	pCi/L	U	U	08-807	CAPA-08-11036	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0026	0.041	—	pCi/L	U	U	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00526	0.0031	0.03	—	pCi/L	U	U	08-1933	CAPA-08-15049	GELC
R-19	352	1412.9	6/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00526	0.0065	0.043	—	pCi/L	U	U	08-1346	CAPA-08-13172	GELC
R-19	352	1412.9	3/13/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00487	0.0084	0.044	—	pCi/L	U	U	08-807	CAPA-08-11034	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	6.31	18	62	—	pCi/L	U	U	08-1933	CAPA-08-15048	GELC
R-19	352	1412.9	6/11/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-19.5	16	54	—	pCi/L	U	U	08-1366	CAPA-08-13174	GELC
R-19	352	1412.9	3/13/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-34.2	18	55	—	pCi/L	U	U	08-807	CAPA-08-11036	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	20.4	12	54	—	pCi/L	U	U	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-3.76	15	50	—	pCi/L	U	U	08-1933	CAPA-08-15049	GELC
R-19	352	1412.9	6/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	4.44	21	47	—	pCi/L	U	U	08-1346	CAPA-08-13172	GELC
R-19	352	1412.9	3/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	39.4	22	36	—	pCi/L	UI	R	08-807	CAPA-08-11034	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.285	0.12	0.35	—	pCi/L	U	U	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.383	0.15	0.43	—	pCi/L	U	U	08-1933	CAPA-08-15049	GELC
R-19	352	1412.9	3/13/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.385	0.16	0.44	—	pCi/L	U	U	08-807	CAPA-08-11034	GELC
R-19	352	1412.9	12/6/2007	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.634	0.17	0.4	—	pCi/L	—	—	08-372	CAPA-08-9380	GELC
R-19	352	1412.9	6/15/2004	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.149	0.0881	0.28	—	pCi/L	U	U	115129	GU0406G19R401	GELC
R-19	352	1412.9	6/15/2004	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	43.8	4.72	6.7	—	pCi/L	—	—	115129	GU0406G19R401	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	2.49	0.7	1.8	—	pCi/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.286	0.12	0.36	—	pCi/L	U	U	08-1933	CAPA-08-15049	GELC
R-19	352	1412.9	3/13/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.252	0.23	0.77	—	pCi/L	U	U	08-807	CAPA-08-11034	GELC
R-19	352	1412.9	12/6/2007	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.237	0.15	0.47	—	pCi/L	U	U	08-372	CAPA-08-9380	GELC
R-19	352	1412.9	6/15/2004	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	4.83	4.78	14.2	—	pCi/L	U	U	115129	GU0406G19R401	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.21	1.1	3.1	—	pCi/L	U	U	08-1933	CAPA-08-15048	GELC
R-19	352	1412.9	6/11/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.574	1.2	4.2	—	pCi/L	U	U	08-1366	CAPA-08-13174	GELC
R-19	352	1412.9	3/13/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.448	1.2	3.9	—	pCi/L	U	U	08-807	CAPA-08-11036	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-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.04	1.3	4.6	—	pCi/L	U	U	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.39	1.3	3.3	—	pCi/L	U	U	08-1933	CAPA-08-15049	GELC
R-19	352	1412.9	6/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.324	1.4	4.7	—	pCi/L	U	U	08-1346	CAPA-08-13172	GELC
R-19	352	1412.9	3/13/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.947	1.1	3.7	—	pCi/L	U	U	08-807	CAPA-08-11034	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.226	0.15	0.49	—	pCi/L	U	U	08-1933	CAPA-08-15048	GELC
R-19	352	1412.9	6/11/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0575	0.065	0.23	—	pCi/L	U	U	08-1366	CAPA-08-13174	GELC
R-19	352	1412.9	3/13/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0011	0.11	0.42	—	pCi/L	U	U	08-807	CAPA-08-11036	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.217	0.12	0.39	—	pCi/L	U	U	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.011	0.13	0.48	—	pCi/L	U	U	08-1933	CAPA-08-15049	GELC
R-19	352	1412.9	6/11/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0921	0.12	0.43	—	pCi/L	U	U	08-1346	CAPA-08-13172	GELC
R-19	352	1412.9	3/13/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.00362	0.12	0.47	—	pCi/L	U	U	08-807	CAPA-08-11034	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.00267	0.015	0.087	—	pCi/L	U	U	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	6/15/2004	WG	UF	CS	—	Rad	Alpha Spec	Thorium-228	<	0.00309	0.00821	0.084	—	pCi/L	U	U	115129	GU0406G19R401	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	-0.00978	0.0044	0.11	—	pCi/L	U	U	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	6/15/2004	WG	UF	CS	—	Rad	Alpha Spec	Thorium-230	<	-0.00217	0.0156	0.156	—	pCi/L	U	U	115129	GU0406G19R401	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.000482	0.0044	0.051	—	pCi/L	U	R	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	6/15/2004	WG	UF	CS	—	Rad	Alpha Spec	Thorium-232	<	0	0.00704	0.039	—	pCi/L	U	U	115129	GU0406G19R401	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.79825	0.28737	0.28737	—	pCi/L	—	U	09-3321	CAPA-09-12181	UMTL
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.520459	0.820601	2.736401	—	pCi/L	U	U	08-1935	CAPA-08-15049	ARSL
R-19	352	1412.9	6/11/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.03193	0.28737	0.28737	—	pCi/L	U	U	08-1377	CAPA-08-13172	UMTL
R-19	352	1412.9	3/13/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.03193	0.28737	0.28737	—	pCi/L	U	U	08-818	CAPA-08-11034	UMTL
R-19	352	1412.9	12/6/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.51088	0.28737	0.28737	—	pCi/L	—	U	08-379	CAPA-08-9380	UMTL
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.228	0.04	0.17	—	pCi/L	—	—	08-1933	CAPA-08-15048	GELC
R-19	352	1412.9	6/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.245	0.025	0.064	—	pCi/L	—	—	08-1366	CAPA-08-13174	GELC
R-19	352	1412.9	3/13/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.208	0.023	0.067	—	pCi/L	—	—	08-807	CAPA-08-11036	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.196	0.03	0.11	—	pCi/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.25	0.043	0.15	—	pCi/L	—	—	08-1933	CAPA-08-15049	GELC
R-19	352	1412.9	6/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.271	0.029	0.072	—	pCi/L	—	—	08-1346	CAPA-08-13172	GELC
R-19	352	1412.9	3/13/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.209	0.025	0.066	—	pCi/L	—	—	08-807	CAPA-08-11034	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0123	0.0087	0.091	—	pCi/L	U	U	08-1933	CAPA-08-15048	GELC
R-19	352	1412.9	6/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.011	0.0049	0.033	—	pCi/L	U	U	08-1366	CAPA-08-13174	GELC
R-19	352	1412.9	3/13/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0189	0.0068	0.034	—	pCi/L	U	U	08-807	CAPA-08-11036	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00385	0.0067	0.056	—	pCi/L	U	U	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.011	0.019	0.082	—	pCi/L	U	U	08-1933	CAPA-08-15049	GELC
R-19	352	1412.9	6/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0149	0.0061	0.037	—	pCi/L	U	U	08-1346	CAPA-08-13172	GELC
R-19	352	1412.9	3/13/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0303	0.0086	0.034	—	pCi/L	U	U	08-807	CAPA-08-11034	GELC
R-19	352	1412.9	9/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.114	0.033	0.089	—	pCi/L	—	—	08-1933	CAPA-08-15048	GELC
R-19	352	1412.9	6/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.117	0.016	0.039	—	pCi/L	—	—	08-1366	CAPA-08-13174	GELC
R-19	352	1412.9	3/13/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.103	0.016	0.044	—	pCi/L	—	—	08-807	CAPA-08-11036	GELC
R-19	352	1412.9	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.109	0.021	0.067	—	pCi/L	—	—	09-3300	CAPA-09-12181	GELC
R-19	352	1412.9	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.174	0.035	0.08	—	pCi/L	—	—	08-1933	CAPA-08-15049	GELC
R-19	352	1412.9	6/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.112	0.016	0.044	—	pCi/L	—	—	08-1346	CAPA-08-13172	GELC
R-19	352	1412.9	3/13/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.113	0.017	0.043	—	pCi/L	—	—	08-807	CAPA-08-11034	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	11.9	—	—	0.73	mg/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	4.16	—	—	0.73	mg/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	6.23	—	—	0.73	mg/L	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	6.23	—	—	0.73	mg/L	—	—	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	6.3	—	—	0.73	mg/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	11.5	—	—	0.73	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.5	—	—	0.73	mg/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67	—	—	0.73	mg/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.5	—	—	0.73	mg/L	—	—	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.5	—	—	0.73	mg/L	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	72.5	—	—	0.73	mg/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	73.8	—	—	0.73	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.6	—	—	0.05	mg/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.6	—	—	0.03	mg/L	—	—	09-2154	CAPA-09-9409	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-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	0.03	mg/L	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.3	—	—	0.03	mg/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	0.03	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	0.05	mg/L	—	—	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.2	—	—	0.03	mg/L	—	—	09-2154	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	0.03	mg/L	—	—	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	0.03	mg/L	—	—	09-567	CAPA-09-1224	GELC
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	0.03	mg/L	—	—	08-1988	CAPA-08-15063	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.89	—	—	0.066	mg/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.34	—	—	0.066	mg/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.22	—	—	0.066	mg/L	—	—	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.45	—	—	0.066	mg/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3	—	—	0.066	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.429	—	—	0.033	mg/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.406	—	—	0.033	mg/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.287	—	—	0.033	mg/L	—	—	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.341	—	—	0.033	mg/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.302	—	—	0.033	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	35.4	—	—	0.35	mg/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.5	—	—	0.35	mg/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.3	—	—	0.35	mg/L	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	36.6	—	—	0.35	mg/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	34	—	—	0.35	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.2	—	—	0.35	mg/L	—	—	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	36.2	—	—	0.35	mg/L	—	—	09-2154	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	39.1	—	—	0.35	mg/L	—	—	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34.8	—	—	0.35	mg/L	—	—	09-567	CAPA-09-1224	GELC
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	34	—	—	0.35	mg/L	—	—	08-1988	CAPA-08-15063	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.16	—	—	0.085	mg/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.1	—	—	0.085	mg/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.11	—	—	0.085	mg/L	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.05	—	—	0.085	mg/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.93	—	—	0.085	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.22	—	—	0.085	mg/L	—	—	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.98	—	—	0.085	mg/L	—	—	09-2154	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.24	—	—	0.085	mg/L	—	—	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.93	—	—	0.085	mg/L	—	—	09-567	CAPA-09-1224	GELC
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.95	—	—	0.085	mg/L	—	—	08-1988	CAPA-08-15063	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.268	—	—	0.05	mg/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0754	—	—	0.01	mg/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0587	—	—	0.01	mg/L	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.25	—	—	0.05	mg/L	U	U	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.151	—	—	0.01	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.2	—	—	0.05	ug/L	J	J	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.171	—	—	0.05	ug/L	J	J	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.173	—	—	0.05	ug/L	J	J	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.173	—	—	0.05	ug/L	J	J	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.106	—	—	0.05	ug/L	J	J	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.125	—	—	0.05	ug/L	J	J	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.36	—	—	0.05	mg/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.39	—	—	0.05	mg/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.54	—	—	0.05	mg/L	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.74	—	—	0.05	mg/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.88	—	—	0.05	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.38	—	—	0.05	mg/L	—	—	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.41	—	—	0.05	mg/L	—	—	09-2154	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.6	—	—	0.05	mg/L	—	—	09-1179	CAPA-09-4370	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-20	8441	904.6	12/19/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.68	—	—	0.05	mg/L	—	—	09-567	CAPA-09-1224	GELC
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.94	—	—	0.05	mg/L	—	—	08-1988	CAPA-08-15063	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.3	—	—	0.1	mg/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.3	—	—	0.045	mg/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.8	—	—	0.045	mg/L	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.2	—	—	0.045	mg/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.5	—	—	0.045	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.2	—	—	0.1	mg/L	—	—	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.5	—	—	0.045	mg/L	—	—	09-2154	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.3	—	—	0.045	mg/L	—	—	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.2	—	—	0.045	mg/L	—	—	09-567	CAPA-09-1224	GELC
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.7	—	—	0.045	mg/L	—	—	08-1988	CAPA-08-15063	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	142	—	—	1	uS/cm	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	144	—	—	1	uS/cm	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	139	—	—	1	uS/cm	—	—	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	139	—	—	1	uS/cm	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.27	—	—	0.1	mg/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.35	—	—	0.1	mg/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.29	—	—	0.1	mg/L	—	—	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.75	—	—	0.1	mg/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.69	—	—	0.1	mg/L	—	J-	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.4	mg/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	140	—	—	2.4	mg/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.4	mg/L	—	J	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.4	mg/L	—	J	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	149	—	—	2.4	mg/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.4	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.094	—	—	0.015	mg/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.08	—	—	0.015	mg/L	—	U	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.03	—	—	0.024	mg/L	J	J	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.249	—	—	0.024	mg/L	—	J	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.074	—	—	0.024	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.56	—	—	0.01	SU	H	J-	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.38	—	—	0.01	SU	H	J-	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.61	—	—	0.01	SU	H	J-	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.61	—	—	0.01	SU	H	J-	09-1179	CAPA-09-14364	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	70.3	—	—	1	ug/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	79	—	—	1	ug/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	72.5	—	—	1	ug/L	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	70.9	—	—	1	ug/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	63.2	—	—	1	ug/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	71.1	—	—	1	ug/L	—	—	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	76.6	—	—	1	ug/L	—	—	09-2154	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	76.4	—	—	1	ug/L	—	—	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	67.7	—	—	1	ug/L	—	—	09-567	CAPA-09-1224	GELC
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	65.3	—	—	1	ug/L	—	—	08-1988	CAPA-08-15063	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11.9	—	—	2	ug/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	15.8	—	—	2	ug/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	18.5	—	—	2	ug/L	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	27.5	—	—	2	ug/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	27.3	—	—	2	ug/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	11.7	—	—	2	ug/L	—	—	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	16.9	—	—	2	ug/L	—	—	09-2154	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	19.2	—	—	2	ug/L	—	—	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	26.6	—	—	2	ug/L	—	—	09-567	CAPA-09-1224	GELC
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	31.4	—	—	2	ug/L	—	—	08-1988	CAPA-08-15063	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.18	—	—	0.1	ug/L	—	—	09-3136	CAPA-09-12261	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-20	8441	904.6	6/2/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.31	—	—	0.1	ug/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.4	—	—	0.1	ug/L	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.8	—	—	0.1	ug/L	—	J	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.8	—	—	0.1	ug/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.15	—	—	0.1	ug/L	—	—	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.32	—	—	0.1	ug/L	—	—	09-2154	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.5	—	—	0.1	ug/L	—	—	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.7	—	—	0.1	ug/L	—	J	09-567	CAPA-09-1224	GELC
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.9	—	—	0.1	ug/L	—	—	08-1988	CAPA-08-15063	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.86	—	—	0.5	ug/L	J	J	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.983	—	—	0.5	ug/L	J	J	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	0.5	ug/L	J	J	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.3	—	—	0.5	ug/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2.2	—	—	0.5	ug/L	—	U	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.05	—	—	0.5	ug/L	—	—	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.989	—	—	0.5	ug/L	J	J	09-2154	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2	—	—	0.5	ug/L	—	—	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3	—	—	0.5	ug/L	—	—	09-567	CAPA-09-1224	GELC
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2.7	—	—	0.5	ug/L	—	U	08-1988	CAPA-08-15063	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.1	—	—	0.053	mg/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69	—	—	0.032	mg/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.1	—	—	0.032	mg/L	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.2	—	—	0.032	mg/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.4	—	—	0.032	mg/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	127	—	—	1	ug/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	138	—	—	1	ug/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	138	—	—	1	ug/L	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	139	—	—	1	ug/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	122	—	—	1	ug/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	128	—	—	1	ug/L	—	—	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	135	—	—	1	ug/L	—	—	09-2154	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	145	—	—	1	ug/L	—	—	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	133	—	—	1	ug/L	—	—	09-567	CAPA-09-1224	GELC
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	122	—	—	1	ug/L	—	—	08-1988	CAPA-08-15063	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.673	—	—	0.05	ug/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.669	—	—	0.05	ug/L	—	—	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.81	—	—	0.05	ug/L	—	U	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.67	—	—	0.05	ug/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.75	—	—	0.05	ug/L	—	—	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.64	—	—	0.05	ug/L	—	—	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.644	—	—	0.05	ug/L	—	—	09-2154	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.82	—	—	0.05	ug/L	—	U	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.67	—	—	0.05	ug/L	—	—	09-567	CAPA-09-1224	GELC
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.71	—	—	0.05	ug/L	—	—	08-1988	CAPA-08-15063	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.35	—	—	1	ug/L	—	—	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.58	—	—	1	ug/L	J	J	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.8	—	—	1	ug/L	J	J	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	12/19/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.5	—	—	1	ug/L	J	J	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.2	—	—	1	ug/L	J	J	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.23	—	—	1	ug/L	—	—	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.51	—	—	1	ug/L	J	J	09-2154	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.9	—	—	1	ug/L	J	J	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.3	—	—	1	ug/L	J	J	09-567	CAPA-09-1224	GELC
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.8	—	—	1	ug/L	J	J	08-1988	CAPA-08-15063	GELC
R-20	8441	904.6	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.84	—	—	3.3	ug/L	J	J	09-3136	CAPA-09-12261	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.31	—	—	2	ug/L	J	J	09-2154	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.3	—	—	2	ug/L	J	J	09-1179	CAPA-09-4371	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-20	8441	904.6	12/19/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	19.4	—	—	2	ug/L	—	—	09-567	CAPA-09-1223	GELC
R-20	8441	904.6	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	8.4	—	—	2	ug/L	J	J	08-1988	CAPA-08-15061	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.06	—	—	3.3	ug/L	J	J	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.95	—	—	2	ug/L	J	J	09-2154	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.1	—	—	2	ug/L	J	J	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	25.8	—	—	2	ug/L	—	—	09-567	CAPA-09-1224	GELC
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	40.3	—	—	2	ug/L	—	—	08-1988	CAPA-08-15063	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00299	0.0019	0.032	—	pCi/L	U	U	09-2155	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00163	0.0053	0.046	—	pCi/L	U	U	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00221	0.0019	0.032	—	pCi/L	U	U	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000509	0.0029	0.035	—	pCi/L	U	U	09-2155	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00242	0.0079	0.046	—	pCi/L	U	U	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.663	1.4	4.3	—	pCi/L	U	U	09-2155	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.587	1.5	4.7	—	pCi/L	U	U	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.63	1.1	3.3	—	pCi/L	U	U	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.682	1.2	4.1	—	pCi/L	U	U	09-2155	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.193	1.6	4.7	—	pCi/L	U	U	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.4	1.5	5.8	—	pCi/L	U	U	09-2155	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.21	1.3	4	—	pCi/L	U	U	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.609	1.1	3.8	—	pCi/L	U	U	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.725	1.2	3.9	—	pCi/L	U	U	09-2155	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.14	1.7	6.1	—	pCi/L	U	U	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.45	0.73	2	—	pCi/L	U	U	09-2155	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.775	0.39	1.1	—	pCi/L	U	U	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	13.5	2.4	2.1	—	pCi/L	—	—	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.717	0.56	1.9	—	pCi/L	U	U	09-2155	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.43	0.55	1.5	—	pCi/L	U	U	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	—	1.43	0.45	1.3	—	pCi/L	—	—	09-2155	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	—	7.37	1.1	2.5	—	pCi/L	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	9.55	1.7	3.7	—	pCi/L	—	—	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.01	0.49	1.3	—	pCi/L	—	—	09-2155	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.88	0.98	2.9	—	pCi/L	—	—	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	55.4	210	52	—	pCi/L	—	U	09-2155	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	19.8	21	33	—	pCi/L	U	U	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	88.5	53	94	—	pCi/L	U	U	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	57.5	39	83	—	pCi/L	U	U	09-2155	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	15.6	13	24	—	pCi/L	U	U	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	11.1	11	38	—	pCi/L	U	U	09-2155	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.68	10	34	—	pCi/L	U	U	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.49	9.5	29	—	pCi/L	U	U	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	29.1	12	41	—	pCi/L	U	U	09-2155	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.9	11	35	—	pCi/L	U	U	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.002	0.036	—	pCi/L	U	U	09-2155	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0046	0.033	—	pCi/L	U	U	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00296	0.003	0.026	—	pCi/L	U	U	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00904	0.0037	0.027	—	pCi/L	U	U	09-2155	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00674	0.006	0.032	—	pCi/L	U	U	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00396	0.0028	0.036	—	pCi/L	U	U	09-2155	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00462	0.0057	0.046	—	pCi/L	U	U	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00295	0.0021	0.029	—	pCi/L	U	U	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00151	0.0015	0.027	—	pCi/L	U	U	09-2155	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00449	0.0055	0.045	—	pCi/L	U	U	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.1	20	66	—	pCi/L	U	U	09-2155	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	1.98	19	62	—	pCi/L	U	U	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-6.31	14	47	—	pCi/L	U	U	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	15.8	17	57	—	pCi/L	U	U	09-2155	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-24.8	19	59	—	pCi/L	U	U	09-1179	CAPA-09-4370	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-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.492	0.24	0.68	—	pCi/L	U	U	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.362	0.16	0.47	—	pCi/L	U	U	08-1989	CAPA-08-15063	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.822	0.29	0.78	—	pCi/L	—	U	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.776	0.22	0.52	—	pCi/L	—	—	08-1989	CAPA-08-15063	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.498	1.3	4.4	—	pCi/L	U	U	09-2155	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.22	1.2	3.4	—	pCi/L	U	U	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.0114	0.89	2.9	—	pCi/L	U	U	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.39	1.2	3.5	—	pCi/L	U	U	09-2155	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.77	1.7	3.5	—	pCi/L	U	U	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.222	0.13	0.43	—	pCi/L	U	U	09-2155	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.18	0.15	0.48	—	pCi/L	U	U	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.1	0.057	0.2	—	pCi/L	U	U	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.061	0.1	0.35	—	pCi/L	U	U	09-2155	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.283	0.12	0.37	—	pCi/L	U	U	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.00165	0.0099	0.12	—	pCi/L	U	U	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.00379	0.0056	0.12	—	pCi/L	U	U	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00932	0.0058	0.042	—	pCi/L	U	U	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.03193	0.28737	0.28737	—	pCi/L	U	U	09-3165	CAPA-09-12263	UMTL
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.09579	0.28737	0.28737	—	pCi/L	U	U	09-2149	CAPA-09-9410	UMTL
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	0.28737	0.28737	—	pCi/L	U	U	09-1180	CAPA-09-4370	UMTL
R-20	8441	904.6	12/19/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.823203	1.104778	3.754968	—	pCi/L	U	U	09-568	CAPA-09-1224	ARSL
R-20	8441	904.6	9/18/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	0.28737	0.28737	—	pCi/L	U	U	08-2002	CAPA-08-15063	UMTL
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.386	0.048	0.14	—	pCi/L	—	—	09-2155	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.476	0.046	0.077	—	pCi/L	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.366	0.042	0.1	—	pCi/L	—	—	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.442	0.047	0.11	—	pCi/L	—	—	09-2155	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.465	0.045	0.083	—	pCi/L	—	—	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0267	0.014	0.065	—	pCi/L	U	U	09-2155	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.035	0.01	0.036	—	pCi/L	U	U	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0104	0.01	0.051	—	pCi/L	U	U	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0203	0.0084	0.05	—	pCi/L	U	U	09-2155	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0399	0.012	0.038	—	pCi/L	—	—	09-1179	CAPA-09-4370	GELC
R-20	8441	904.6	6/2/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.23	0.034	0.066	—	pCi/L	—	—	09-2155	CAPA-09-9409	GELC
R-20	8441	904.6	3/10/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.301	0.032	0.046	—	pCi/L	—	—	09-1179	CAPA-09-4371	GELC
R-20	8441	904.6	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.238	0.032	0.051	—	pCi/L	—	—	09-3136	CAPA-09-12263	GELC
R-20	8441	904.6	6/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.178	0.026	0.05	—	pCi/L	—	—	09-2155	CAPA-09-9410	GELC
R-20	8441	904.6	3/10/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.265	0.03	0.049	—	pCi/L	—	—	09-1179	CAPA-09-4370	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66	—	—	0.73	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.9	—	—	0.73	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.8	—	—	0.73	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	62.5	—	—	0.73	mg/L	—	—	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.5	—	—	0.73	mg/L	—	—	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.4	—	—	0.05	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	0.03	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	0.03	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.3	—	—	0.03	mg/L	—	—	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	0.03	mg/L	—	—	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.5	—	—	0.05	mg/L	—	—	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	0.03	mg/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	0.03	mg/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.3	—	—	0.03	mg/L	—	—	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.3	—	—	0.03	mg/L	—	—	08-1988	CAPA-08-15065	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.14	—	—	0.066	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.84	—	—	0.066	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.81	—	—	0.066	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.03	—	—	0.066	mg/L	—	J+	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.02	—	—	0.066	mg/L	—	—	08-1988	CAPA-08-15066	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-20	8451	1147.1	9/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.429	—	—	0.033	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.325	—	—	0.033	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.292	—	—	0.033	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.322	—	—	0.033	mg/L	—	—	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.301	—	—	0.033	mg/L	—	—	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	0.35	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.7	—	—	0.35	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.6	—	—	0.35	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.2	—	—	0.35	mg/L	—	—	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	40.4	—	—	0.35	mg/L	—	—	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	44.5	—	—	0.35	mg/L	—	—	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40	—	—	0.35	mg/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.6	—	—	0.35	mg/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.1	—	—	0.35	mg/L	—	—	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.5	—	—	0.35	mg/L	—	—	08-1988	CAPA-08-15065	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.61	—	—	0.085	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.56	—	—	0.085	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.7	—	—	0.085	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.54	—	—	0.085	mg/L	—	—	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.53	—	—	0.085	mg/L	—	—	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.64	—	—	0.085	mg/L	—	—	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.53	—	—	0.085	mg/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.73	—	—	0.085	mg/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.52	—	—	0.085	mg/L	—	—	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.6	—	—	0.085	mg/L	—	—	08-1988	CAPA-08-15065	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.14	—	—	0.05	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.4	—	—	0.05	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.42	—	—	0.05	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.26	—	—	0.05	mg/L	—	—	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.33	—	—	0.05	mg/L	—	—	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.16	—	—	0.05	mg/L	—	—	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.35	—	—	0.05	mg/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.45	—	—	0.05	mg/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.27	—	—	0.05	mg/L	—	—	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.49	—	—	0.05	mg/L	—	—	08-1988	CAPA-08-15065	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.7	—	—	0.1	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.5	—	—	0.045	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.6	—	—	0.045	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12	—	—	0.045	mg/L	—	—	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	0.045	mg/L	—	—	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.7	—	—	0.1	mg/L	—	—	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	0.045	mg/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.6	—	—	0.045	mg/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	0.045	mg/L	—	—	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	0.045	mg/L	—	—	08-1988	CAPA-08-15065	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	153	—	—	1	uS/cm	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	131	—	—	1	uS/cm	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	133	—	—	1	uS/cm	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	136	—	—	1	uS/cm	—	—	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	143	—	—	1	uS/cm	—	—	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.53	—	—	0.1	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.01	—	—	0.1	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.06	—	—	0.1	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.25	—	—	0.1	mg/L	—	—	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.47	—	—	0.1	mg/L	—	J-	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.4	mg/L	—	J	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.4	mg/L	—	—	09-2099	CAPA-09-9412	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-20	8451	1147.1	3/9/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.4	mg/L	—	J	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	132	—	—	2.4	mg/L	—	—	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.4	mg/L	—	—	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	2.95	—	—	0.015	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.078	—	—	0.015	mg/L	—	U	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.046	—	—	0.024	mg/L	J	J	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.067	—	—	0.024	mg/L	—	U	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.08	—	—	0.024	mg/L	—	—	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.04	—	—	0.01	SU	H	J-	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.03	—	—	0.01	SU	H	J-	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	0.01	SU	H	J-	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.04	—	—	0.01	SU	H	J-	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.11	—	—	0.01	SU	H	J-	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Hexp	SW-846:8321	Nitrobenzene	—	0.154	—	—	0.1	ug/L	J	J	09-3131	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Hexp	SW-846:8321	Nitrobenzene	<	0.325	—	—	0.16	ug/L	U	U	09-2098	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Hexp	SW-846:8321	Nitrobenzene	<	0.325	—	—	0.16	ug/L	U	U	09-1149	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Hexp	SW-846:8321	Nitrobenzene	<	0.325	—	—	0.16	ug/L	U	U	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Hexp	SW-846:8321	Nitrobenzene	<	0.325	—	—	0.16	ug/L	U	U	08-1989	CAPA-08-15065	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	150	—	—	1	ug/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	136	—	—	1	ug/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	141	—	—	1	ug/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	129	—	—	1	ug/L	—	—	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	118	—	—	1	ug/L	—	—	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	151	—	—	1	ug/L	—	—	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	134	—	—	1	ug/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	140	—	—	1	ug/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	128	—	—	1	ug/L	—	—	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	121	—	—	1	ug/L	—	—	08-1988	CAPA-08-15065	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16.2	—	—	15	ug/L	J	J	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	11.4	—	—	10	ug/L	J	J	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	23	—	—	10	ug/L	J	J	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.3	—	—	10	ug/L	J	J	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	10	ug/L	U	U	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	17.8	—	—	15	ug/L	J	J	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	10.1	—	—	10	ug/L	J	J	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	24.5	—	—	10	ug/L	J	J	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.5	—	—	10	ug/L	J	J	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	10	ug/L	U	U	08-1988	CAPA-08-15065	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	43	—	—	30	ug/L	J	J	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	41.3	—	—	25	ug/L	J	J	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	31.6	—	—	25	ug/L	J	J	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	53.6	—	—	30	ug/L	J	J	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	52.5	—	—	25	ug/L	J	J	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	46.2	—	—	25	ug/L	J	J	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	33.1	—	—	25	ug/L	J	J	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	46.3	—	—	25	ug/L	J	J	08-1988	CAPA-08-15065	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	47.1	—	—	2	ug/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	66.5	—	—	2	ug/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	72.2	—	—	2	ug/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	63.8	—	—	2	ug/L	—	J	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	58.4	—	—	2	ug/L	—	—	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	45.6	—	—	2	ug/L	—	—	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	65.3	—	—	2	ug/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	71.3	—	—	2	ug/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	63.1	—	—	2	ug/L	—	J	09-545	CAPA-09-1228	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-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	59.9	—	—	2	ug/L	—	—	08-1988	CAPA-08-15065	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.62	—	—	0.1	ug/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.59	—	—	0.1	ug/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.5	—	—	0.1	ug/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.7	—	—	0.1	ug/L	—	—	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.6	—	—	0.1	ug/L	—	—	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.65	—	—	0.1	ug/L	—	—	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.56	—	—	0.1	ug/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.7	—	—	0.1	ug/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.8	—	—	0.1	ug/L	—	—	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.7	—	—	0.1	ug/L	—	—	08-1988	CAPA-08-15065	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.735	—	—	0.5	ug/L	J	J	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.71	—	—	0.5	ug/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.5	—	—	0.5	ug/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	3.6	—	—	0.5	ug/L	—	—	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	4.1	—	—	0.5	ug/L	—	U	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.623	—	—	0.5	ug/L	J	J	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.68	—	—	0.5	ug/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.9	—	—	0.5	ug/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.6	—	—	0.5	ug/L	—	—	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	4.7	—	—	0.5	ug/L	—	U	08-1988	CAPA-08-15065	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.8	—	—	0.053	mg/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.3	—	—	0.032	mg/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	77.8	—	—	0.032	mg/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72	—	—	0.032	mg/L	—	J+	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.8	—	—	0.032	mg/L	—	—	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	198	—	—	1	ug/L	—	—	09-3132	CAPA-09-12267	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	193	—	—	1	ug/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	209	—	—	1	ug/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	191	—	—	1	ug/L	—	—	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	187	—	—	1	ug/L	—	—	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	199	—	—	1	ug/L	—	—	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	189	—	—	1	ug/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	207	—	—	1	ug/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	195	—	—	1	ug/L	—	—	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	193	—	—	1	ug/L	—	—	08-1988	CAPA-08-15065	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.2	—	—	2	ug/L	J	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	12/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.8	—	—	2	ug/L	J	J	09-545	CAPA-09-1226	GELC
R-20	8451	1147.1	9/18/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.2	—	—	2	ug/L	J	J	08-1988	CAPA-08-15066	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.89	—	—	3.3	ug/L	J	J	09-3132	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.94	—	—	2	ug/L	J	J	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	5.3	—	—	2	ug/L	J	U	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.4	—	—	2	ug/L	J	J	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.2	—	—	2	ug/L	J	J	08-1988	CAPA-08-15065	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00473	0.0033	0.034	—	pCi/L	U	U	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0247	0.0098	0.047	—	pCi/L	U	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000582	0.0017	0.032	—	pCi/L	U	U	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00425	0.0069	0.038	—	pCi/L	U	U	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00484	0.013	0.05	—	pCi/L	U	U	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.93	1.3	4.6	—	pCi/L	U	U	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.899	1.5	4.9	—	pCi/L	U	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.942	1.1	3.9	—	pCi/L	U	U	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.46	1.5	5.3	—	pCi/L	U	U	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.311	1.3	4.4	—	pCi/L	U	U	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.414	1.1	3.7	—	pCi/L	U	U	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.82	1.3	4.4	—	pCi/L	U	U	09-1150	CAPA-09-4374	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-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.11	1.1	3.1	—	pCi/L	U	U	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.821	1.4	4.8	—	pCi/L	U	U	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.11	1.5	5.2	—	pCi/L	U	U	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.06	0.87	2.1	—	pCi/L	U	U	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.33	0.49	1.2	—	pCi/L	—	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.241	0.51	2.1	—	pCi/L	U	U	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.593	0.61	2.3	—	pCi/L	U	U	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.76	0.34	0.86	—	pCi/L	U	U	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.32	0.82	2.5	—	pCi/L	U	U	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.09	0.71	2.3	—	pCi/L	U	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.84	1.3	3.2	—	pCi/L	—	—	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.83	0.71	2	—	pCi/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.43	0.79	2.4	—	pCi/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	—	75.3	18	56	—	pCi/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	16.8	16	33	—	pCi/L	U	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	112	41	98	—	pCi/L	—	U	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	88.7	140	110	—	pCi/L	U	U	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	18.6	17	43	—	pCi/L	U	U	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	15.9	12	40	—	pCi/L	U	U	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.3	11	37	—	pCi/L	U	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	31.9	12	24	—	pCi/L	UI	R	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	39.1	15	45	—	pCi/L	U	U	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.58	10	34	—	pCi/L	U	U	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00144	0.0014	0.026	—	pCi/L	U	U	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0026	0.037	—	pCi/L	U	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00164	0.0016	0.029	—	pCi/L	U	U	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0015	0.026	—	pCi/L	U	U	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00733	0.011	0.035	—	pCi/L	U	U	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00431	0.0025	0.026	—	pCi/L	U	U	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0074	0.052	—	pCi/L	U	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00328	0.0023	0.032	—	pCi/L	U	U	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00291	0.0021	0.027	—	pCi/L	U	U	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00488	0.0085	0.049	—	pCi/L	U	U	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-6.74	16	56	—	pCi/L	U	U	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-25.2	19	60	—	pCi/L	U	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	11.1	16	54	—	pCi/L	U	U	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	15.6	15	39	—	pCi/L	U	U	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	18.1	20	71	—	pCi/L	U	U	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.11	0.33	0.68	—	pCi/L	—	—	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.559	0.17	0.39	—	pCi/L	—	—	08-1989	CAPA-08-15065	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.96	0.33	0.88	—	pCi/L	—	U	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.449	0.17	0.47	—	pCi/L	U	U	08-1989	CAPA-08-15065	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.606	1.4	4.7	—	pCi/L	U	U	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.387	1.2	3.7	—	pCi/L	U	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.23	1.2	3.4	—	pCi/L	U	U	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.559	1.5	5.2	—	pCi/L	U	U	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.64	1.3	4.6	—	pCi/L	U	U	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.167	0.11	0.38	—	pCi/L	U	U	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.444	0.16	0.48	—	pCi/L	U	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.12	0.08	0.26	—	pCi/L	U	U	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0897	0.13	0.45	—	pCi/L	U	U	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.202	0.14	0.45	—	pCi/L	U	U	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.00675	0.0089	0.1	—	pCi/L	U	U	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.00907	0.0044	0.11	—	pCi/L	U	U	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0103	0.0056	0.038	—	pCi/L	U	U	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	0.28737	0.28737	—	pCi/L	U	U	09-3165	CAPA-09-12265	UMTL
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.12772	0.28737	0.28737	—	pCi/L	U	U	09-2149	CAPA-09-9414	UMTL

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-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.12772	0.28737	0.28737	—	pCi/L	U	U	09-1180	CAPA-09-4372	UMTL
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-1.044111	1.242077	4.380796	—	pCi/L	U	U	09-571	CAPA-09-1228	ARSL
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	0.28737	0.28737	—	pCi/L	U	U	08-2002	CAPA-08-15065	UMTL
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.278	0.034	0.11	—	pCi/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.335	0.038	0.094	—	pCi/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.135	0.025	0.1	—	pCi/L	—	—	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.309	0.037	0.11	—	pCi/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.287	0.033	0.087	—	pCi/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00682	0.0097	0.05	—	pCi/L	U	U	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0181	0.0075	0.043	—	pCi/L	U	U	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0103	0.006	0.051	—	pCi/L	U	U	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.02	0.0095	0.049	—	pCi/L	U	U	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0253	0.0086	0.04	—	pCi/L	U	U	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	5/29/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.179	0.026	0.05	—	pCi/L	—	—	09-2099	CAPA-09-9412	GELC
R-20	8451	1147.1	3/9/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.195	0.027	0.056	—	pCi/L	—	—	09-1150	CAPA-09-4374	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.139	0.023	0.051	—	pCi/L	—	—	09-3133	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.175	0.025	0.049	—	pCi/L	—	—	09-2099	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.205	0.026	0.052	—	pCi/L	—	—	09-1150	CAPA-09-4372	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Nitrobenzene	<	10.8	—	—	3.2	ug/L	U	U	09-2098	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Nitrobenzene	<	10	—	—	3	ug/L	U	U	09-1149	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Svoa	SW-846:8270C	Nitrobenzene	<	11.1	—	—	3.3	ug/L	U	U	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Svoa	SW-846:8270C	Nitrobenzene	<	10.8	—	—	3.2	ug/L	U	U	08-1989	CAPA-08-15065	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	FD	Voa	SW-846:8260B	Ethylbenzene	—	0.265	—	—	0.25	ug/L	J	J	09-3131	CAPA-09-12266	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Voa	SW-846:8260B	Ethylbenzene	—	0.272	—	—	0.25	ug/L	J	J	09-3131	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Voa	SW-846:8260B	Ethylbenzene	<	1	—	—	0.25	ug/L	U	U	09-2098	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Voa	SW-846:8260B	Ethylbenzene	<	1	—	—	0.25	ug/L	U	U	09-1149	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Voa	SW-846:8260B	Ethylbenzene	<	1	—	—	0.25	ug/L	U	U	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Voa	SW-846:8260B	Ethylbenzene	<	1	—	—	0.25	ug/L	UH	UJ	08-1989	CAPA-08-15065	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	FD	Voa	SW-846:8260B	Toluene	—	0.327	—	—	0.25	ug/L	J	J	09-3131	CAPA-09-12266	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.341	—	—	0.25	ug/L	J	J	09-3131	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	0.25	ug/L	U	U	09-2098	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.643	—	—	0.25	ug/L	J	J	09-1149	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.536	—	—	0.25	ug/L	J	J	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	<	1	—	—	0.25	ug/L	UH	UJ	08-1989	CAPA-08-15065	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	FD	Voa	SW-846:8260B	Trichloroethene	—	2.39	—	—	0.25	ug/L	—	—	09-3131	CAPA-09-12266	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	2.6	—	—	0.25	ug/L	—	—	09-3131	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.427	—	—	0.25	ug/L	J	J	09-2098	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.531	—	—	0.25	ug/L	J	J	09-1149	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	—	0.371	—	—	0.25	ug/L	J	J	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Voa	SW-846:8260B	Trichloroethene	<	1	—	—	0.25	ug/L	UH	UJ	08-1989	CAPA-08-15065	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	FD	Voa	SW-846:8260B	Xylene[1,2-]	—	0.419	—	—	0.3	ug/L	J	J	09-3131	CAPA-09-12266	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,2-]	—	0.403	—	—	0.3	ug/L	J	J	09-3131	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,2-]	<	1	—	—	0.25	ug/L	U	U	09-2098	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,2-]	<	1	—	—	0.25	ug/L	U	U	09-1149	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,2-]	<	1	—	—	0.25	ug/L	U	U	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,2-]	<	1	—	—	0.25	ug/L	UH	UJ	08-1989	CAPA-08-15065	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	FD	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	2.99	—	—	0.5	ug/L	—	—	09-3131	CAPA-09-12266	GELC
R-20	8451	1147.1	9/3/2009	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	3	—	—	0.5	ug/L	—	—	09-3131	CAPA-09-12265	GELC
R-20	8451	1147.1	5/29/2009	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	<	2	—	—	0.43	ug/L	U	U	09-2098	CAPA-09-9414	GELC
R-20	8451	1147.1	3/9/2009	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	—	0.438	—	—	0.43	ug/L	J	J	09-1149	CAPA-09-4372	GELC
R-20	8451	1147.1	12/18/2008	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	<	2	—	—	0.43	ug/L	U	U	09-545	CAPA-09-1228	GELC
R-20	8451	1147.1	9/18/2008	WG	UF	CS	—	Voa	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	<	2	—	—	0.43	ug/L	UH	UJ	08-1989	CAPA-08-15065	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.6	—	—	0.73	mg/L	—	—	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.2	—	—	0.73	mg/L	—	—	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	56.5	—	—	0.73	mg/L	—	—	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11	—	—	0.05	mg/L	—	—	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.4	—	—	0.03	mg/L	—	—	09-1821	CAMO-09-8185	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-21	1761	888.8	2/18/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.6	—	—	0.03	mg/L	—	—	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	0.05	mg/L	—	—	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	5/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.5	—	—	0.03	mg/L	—	—	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.4	—	—	0.03	mg/L	—	—	09-942	CAMO-09-2631	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.77	—	—	0.066	mg/L	—	—	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.8	—	—	0.066	mg/L	—	—	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.82	—	—	0.066	mg/L	—	—	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.405	—	—	0.033	mg/L	—	—	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.307	—	—	0.033	mg/L	—	—	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.32	—	—	0.033	mg/L	—	—	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.1	—	—	0.35	mg/L	—	—	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41	—	—	0.35	mg/L	—	—	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	42	—	—	0.35	mg/L	—	—	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.4	—	—	0.35	mg/L	—	—	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	5/11/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.2	—	—	0.35	mg/L	—	—	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41	—	—	0.35	mg/L	—	—	09-942	CAMO-09-2631	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.83	—	—	0.085	mg/L	—	—	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.03	—	—	0.085	mg/L	—	—	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.14	—	—	0.085	mg/L	—	—	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.78	—	—	0.085	mg/L	—	—	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	5/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.03	—	—	0.085	mg/L	—	—	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.04	—	—	0.085	mg/L	—	—	09-942	CAMO-09-2631	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.396	—	—	0.05	mg/L	—	—	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.403	—	—	0.05	mg/L	—	—	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.313	—	—	0.05	mg/L	—	—	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	11/7/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.341	—	—	0.05	mg/L	—	—	09-245	CAMO-09-816	GELC
R-21	1761	888.8	8/14/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.063	—	—	0.01	mg/L	—	U	08-1692	CAMO-08-14525	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.317	—	—	0.05	ug/L	—	J+	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.276	—	—	0.05	ug/L	—	—	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.266	—	—	0.05	ug/L	—	J	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.57	—	—	0.05	mg/L	—	—	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	0.05	mg/L	—	—	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	0.05	mg/L	—	—	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.56	—	—	0.05	mg/L	—	—	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	5/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.67	—	—	0.05	mg/L	—	—	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.6	—	—	0.05	mg/L	—	—	09-942	CAMO-09-2631	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.37	—	—	0.1	mg/L	—	—	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.79	—	—	0.045	mg/L	—	—	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.83	—	—	0.045	mg/L	—	—	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.22	—	—	0.1	mg/L	—	—	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	5/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.86	—	—	0.045	mg/L	—	—	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	9.68	—	—	0.045	mg/L	—	—	09-942	CAMO-09-2631	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	125	—	—	1	uS/cm	—	—	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1	uS/cm	—	—	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	123	—	—	1	uS/cm	—	—	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2	—	—	0.1	mg/L	—	—	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.96	—	—	0.1	mg/L	—	—	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	1.96	—	—	0.1	mg/L	—	—	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	268	—	—	2.4	mg/L	—	J	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	128	—	—	2.4	mg/L	—	—	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.4	mg/L	—	—	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.456	—	—	0.33	mg/L	J	J	09-2928	CAMO-09-9908	GELC
R-21	1761	888.8	5/11/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	0.631	—	—	0.33	mg/L	J	U	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	<	1	—	—	0.33	mg/L	U	U	09-942	CAMO-09-2631	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.082	—	—	0.015	mg/L	—	—	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.027	—	—	0.015	mg/L	J	J	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.044	—	—	0.024	mg/L	J	U	09-942	CAMO-09-2632	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-21	1761	888.8	11/7/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.053	—	—	0.024	mg/L	—	U	09-245	CAMO-09-816	GELC
R-21	1761	888.8	8/14/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.07	—	—	0.024	mg/L	—	U	08-1692	CAMO-08-14525	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.15	—	—	0.01	SU	H	J-	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.08	—	—	0.01	SU	H	J-	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.11	—	—	0.01	SU	H	J-	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	13.5	—	—	1	ug/L	—	—	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14.3	—	—	1	ug/L	—	—	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	13.8	—	—	1	ug/L	—	—	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	13.2	—	—	1	ug/L	—	—	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	5/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	14.1	—	—	1	ug/L	—	—	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	13.6	—	—	1	ug/L	—	—	09-942	CAMO-09-2631	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	4.17	—	—	2.5	ug/L	J	J	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.61	—	—	1.5	ug/L	J	J	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	4.2	—	—	1.5	ug/L	—	U	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.85	—	—	2.5	ug/L	J	J	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	5/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.47	—	—	1.5	ug/L	J	J	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	4	—	—	1.5	ug/L	—	U	09-942	CAMO-09-2631	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	7.57	—	—	3	ug/L	J	J	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	5/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-942	CAMO-09-2631	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.54	—	—	2	ug/L	J	J	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.24	—	—	2	ug/L	J	J	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.7	—	—	2	ug/L	J	J	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.79	—	—	2	ug/L	J	J	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	5/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.4	—	—	2	ug/L	J	J	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.5	—	—	2	ug/L	J	J	09-942	CAMO-09-2631	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.49	—	—	0.1	ug/L	—	J	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.15	—	—	0.1	ug/L	—	—	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	0.1	ug/L	—	—	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.41	—	—	0.1	ug/L	—	J	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	5/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.25	—	—	0.1	ug/L	—	—	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	0.1	ug/L	—	—	09-942	CAMO-09-2631	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.634	—	—	0.5	ug/L	J	J	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.532	—	—	0.5	ug/L	J	J	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.58	—	—	0.5	ug/L	J	J	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	5/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.59	—	—	0.5	ug/L	J	J	09-942	CAMO-09-2631	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	67.6	—	—	0.053	mg/L	—	—	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	71.2	—	—	0.032	mg/L	—	—	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73.1	—	—	0.032	mg/L	—	—	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	42.7	—	—	1	ug/L	—	—	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.5	—	—	1	ug/L	—	—	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	44.4	—	—	1	ug/L	—	—	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	42.1	—	—	1	ug/L	—	—	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	5/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	44.7	—	—	1	ug/L	—	—	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	43.7	—	—	1	ug/L	—	—	09-942	CAMO-09-2631	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.507	—	—	0.3	ug/L	J	J	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	UN	U	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	5/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	UN	U	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-942	CAMO-09-2631	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.367	—	—	0.05	ug/L	—	—	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.303	—	—	0.05	ug/L	—	—	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.32	—	—	0.05	ug/L	—	U	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.33	—	—	0.05	ug/L	—	—	09-2929	CAMO-09-9908	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-21	1761	888.8	5/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.568	—	—	0.05	ug/L	—	—	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.32	—	—	0.05	ug/L	—	U	09-942	CAMO-09-2631	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.52	—	—	1	ug/L	J	J	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.79	—	—	1	ug/L	J	J	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.5	—	—	1	ug/L	—	—	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.38	—	—	1	ug/L	J	J	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	5/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.03	—	—	1	ug/L	—	—	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.3	—	—	1	ug/L	—	—	09-942	CAMO-09-2631	GELC
R-21	1761	888.8	8/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.68	—	—	3.3	ug/L	J	J	09-2929	CAMO-09-9906	GELC
R-21	1761	888.8	5/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	09-1821	CAMO-09-8185	GELC
R-21	1761	888.8	2/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	2.1	—	—	2	ug/L	J	U	09-942	CAMO-09-2632	GELC
R-21	1761	888.8	5/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	09-1821	CAMO-09-8186	GELC
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	09-942	CAMO-09-2631	GELC
R-21	1761	888.8	8/14/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0136	0.01	0.035	—	pCi/L	U	U	08-1690	CAMO-08-14525	GELC
R-21	1761	888.8	8/20/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00346	0.00405	0.0414	—	pCi/L	U	U	192106	GF070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00516	0.00542	0.0321	—	pCi/L	U	U	187915	GF070600G21R01	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00237	0.002	0.033	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/14/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0039	0.011	0.035	—	pCi/L	U	U	08-1690	CAMO-08-14524	GELC
R-21	1761	888.8	8/20/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00158	0.00186	0.0426	—	pCi/L	U	U	192106	GU070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00462	0.00809	0.0409	—	pCi/L	U	U	187915	GU070600G21R01	GELC
R-21	1761	888.8	8/14/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.385	1.2	4.2	—	pCi/L	U	U	08-1690	CAMO-08-14525	GELC
R-21	1761	888.8	8/20/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.935	1.4	4.76	—	pCi/L	U	U	192106	GF070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0428	1.17	3.87	—	pCi/L	U	U	187915	GF070600G21R01	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.817	1.2	3.8	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/14/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.189	1.3	4.4	—	pCi/L	U	U	08-1690	CAMO-08-14524	GELC
R-21	1761	888.8	8/20/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.545	2.19	4.31	—	pCi/L	U	U	192106	GU070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3.96	1.86	4.61	—	pCi/L	U	U	187915	GU070600G21R01	GELC
R-21	1761	888.8	8/14/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.28	1.2	3.6	—	pCi/L	U	U	08-1690	CAMO-08-14525	GELC
R-21	1761	888.8	8/20/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.776	1.35	4.09	—	pCi/L	U	U	192106	GF070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.05	1.21	4.24	—	pCi/L	U	U	187915	GF070600G21R01	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.6	1.6	5.4	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/14/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.12	1.4	5.2	—	pCi/L	U	U	08-1690	CAMO-08-14524	GELC
R-21	1761	888.8	8/20/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.477	1.55	4.99	—	pCi/L	U	U	192106	GU070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-3.95	1.59	2.82	—	pCi/L	U	U	187915	GU070600G21R01	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.65	0.66	1.7	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/20/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.54	0.897	2.92	—	pCi/L	U	U	192106	GF070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	10.4	1.07	1.47	—	pCi/L	—	—	187915	GF070600G21R01	GELC
R-21	1761	888.8	3/15/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.3	0.755	2.38	—	pCi/L	U	U	182489	GF070200G21R01	GELC
R-21	1761	888.8	7/7/2006	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.26	0.485	1.84	—	pCi/L	U	U	166854	GF060500G21R01	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.29	0.65	2	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/20/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.57	1.06	2.96	—	pCi/L	—	J	192106	GU070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.29	0.537	1.36	—	pCi/L	—	J	187915	GU070600G21R01	GELC
R-21	1761	888.8	3/15/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.24	0.76	2.39	—	pCi/L	U	U	182489	GU070200G21R01	GELC
R-21	1761	888.8	7/7/2006	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.15	0.475	1.82	—	pCi/L	U	U	166854	GU060500G21R01	GELC
R-21	1761	888.8	8/14/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	11.5	8.3	37	—	pCi/L	U	U	08-1690	CAMO-08-14525	GELC
R-21	1761	888.8	8/20/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	63.1	61.3	198	—	pCi/L	U	U	192106	GF070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	101	105	231	—	pCi/L	U	U	187915	GF070600G21R01	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	62.5	250	76	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/14/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	20.2	18	43	—	pCi/L	U	U	08-1690	CAMO-08-14524	GELC
R-21	1761	888.8	8/20/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	72.5	144	242	—	pCi/L	U	U	192106	GU070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	83.5	45.2	264	—	pCi/L	U	U	187915	GU070600G21R01	GELC
R-21	1761	888.8	8/14/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.465	10	33	—	pCi/L	U	U	08-1690	CAMO-08-14525	GELC
R-21	1761	888.8	8/20/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.595	10.2	31.2	—	pCi/L	U	U	192106	GF070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16.8	8.92	27.4	—	pCi/L	U	U	187915	GF070600G21R01	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.23	12	37	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/14/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.68	6.2	20	—	pCi/L	U	U	08-1690	CAMO-08-14524	GELC
R-21	1761	888.8	8/20/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.18	11.7	33	—	pCi/L	U	U	192106	GU070800G21R01	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-21	1761	888.8	6/13/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.76	11.5	33.8	—	pCi/L	U	U	187915	GU070600G21R01	GELC
R-21	1761	888.8	8/14/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00527	0.0077	0.025	—	pCi/L	U	U	08-1690	CAMO-08-14525	GELC
R-21	1761	888.8	8/20/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00325	0.00362	0.0315	—	pCi/L	U	U	192106	GF070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00354	0.00662	0.0252	—	pCi/L	U	U	187915	GF070600G21R01	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00548	0.0048	0.032	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/14/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0104	0.0065	0.024	—	pCi/L	U	U	08-1690	CAMO-08-14524	GELC
R-21	1761	888.8	8/20/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.00183	0.0351	—	pCi/L	U	U	192106	GU070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00344	0.00421	0.0245	—	pCi/L	U	U	187915	GU070600G21R01	GELC
R-21	1761	888.8	8/14/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0123	0.0047	0.03	—	pCi/L	U	U	08-1690	CAMO-08-14525	GELC
R-21	1761	888.8	8/20/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.000649	0.00234	0.029	—	pCi/L	U	U	192106	GF070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00707	0.0056	0.0297	—	pCi/L	U	U	187915	GF070600G21R01	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00548	0.0055	0.036	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/14/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00348	0.0035	0.03	—	pCi/L	U	U	08-1690	CAMO-08-14524	GELC
R-21	1761	888.8	8/20/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.00448	0.0322	—	pCi/L	U	U	192106	GU070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00687	0.00422	0.0288	—	pCi/L	U	U	187915	GU070600G21R01	GELC
R-21	1761	888.8	8/14/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	48.5	19	36	—	pCi/L	UI	R	08-1690	CAMO-08-14525	GELC
R-21	1761	888.8	8/20/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	17.6	17.4	40.3	—	pCi/L	U	U	192106	GF070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-0.174	15.2	48.8	—	pCi/L	U	U	187915	GF070600G21R01	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-21.5	20	59	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/14/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-21.1	16	50	—	pCi/L	U	U	08-1690	CAMO-08-14524	GELC
R-21	1761	888.8	8/20/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.8	17	59.8	—	pCi/L	U	U	192106	GU070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	31.3	19	40.4	—	pCi/L	U	U	187915	GU070600G21R01	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.332	0.14	0.36	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/14/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.679	0.19	0.45	—	pCi/L	—	—	08-1690	CAMO-08-14524	GELC
R-21	1761	888.8	2/11/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.36	0.18	0.55	—	pCi/L	U	U	08-620	CAMO-08-10446	GELC
R-21	1761	888.8	11/13/2007	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.363	0.2	0.65	—	pCi/L	U	U	08-221	CAMO-08-8609	GELC
R-21	1761	888.8	12/14/2004	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	—	21.5	5.45	6.84	—	pCi/L	—	—	127578	GU04120G21R01	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.21	0.27	0.94	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/14/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.0851	0.15	0.57	—	pCi/L	U	U	08-1690	CAMO-08-14524	GELC
R-21	1761	888.8	2/11/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.165	0.22	0.79	—	pCi/L	U	U	08-620	CAMO-08-10446	GELC
R-21	1761	888.8	11/13/2007	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	-0.0753	0.26	0.94	—	pCi/L	U	U	08-221	CAMO-08-8609	GELC
R-21	1761	888.8	8/14/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.19	1.2	3.4	—	pCi/L	U	U	08-1690	CAMO-08-14525	GELC
R-21	1761	888.8	8/20/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.382	1.47	4.92	—	pCi/L	U	U	192106	GF070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.74	1.24	4.78	—	pCi/L	U	U	187915	GF070600G21R01	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.551	1.3	4.4	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/14/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.81	1.3	5.1	—	pCi/L	U	U	08-1690	CAMO-08-14524	GELC
R-21	1761	888.8	8/20/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.876	1.24	4.43	—	pCi/L	U	U	192106	GU070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.944	1.35	4.25	—	pCi/L	U	U	187915	GU070600G21R01	GELC
R-21	1761	888.8	8/14/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.119	0.091	0.4	—	pCi/L	U	U	08-1690	CAMO-08-14525	GELC
R-21	1761	888.8	8/20/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.115	0.106	0.364	—	pCi/L	U	U	192106	GF070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0971	0.0832	0.282	—	pCi/L	U	U	187915	GF070600G21R01	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0634	0.074	0.25	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/14/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.19	0.13	0.47	—	pCi/L	U	U	08-1690	CAMO-08-14524	GELC
R-21	1761	888.8	8/20/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0302	0.0693	0.273	—	pCi/L	U	U	192106	GU070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.131	0.0621	0.26	—	pCi/L	U	U	187915	GU070600G21R01	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.000837	0.0038	0.12	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0163	0.0064	0.13	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.00242	0.0034	0.043	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.22351	0.28737	0.28737	—	pCi/L	U	U	09-2930	CAMO-09-9908	UMTL
R-21	1761	888.8	2/18/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.25544	0.28737	0.28737	—	pCi/L	U	U	09-1039	CAMO-09-2631	UMTL
R-21	1761	888.8	11/7/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.15965	0.28737	0.28737	—	pCi/L	U	U	09-264	CAMO-09-814	UMTL
R-21	1761	888.8	8/14/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.76632	1.060076	3.60809	—	pCi/L	U	U	08-1687	CAMO-08-14524	ARSL
R-21	1761	888.8	8/14/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.2	0.025	0.075	—	pCi/L	—	—	08-1690	CAMO-08-14525	GELC
R-21	1761	888.8	8/20/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.187	0.0345	0.0578	—	pCi/L	—	—	192106	GF070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.178	0.0236	0.0437	—	pCi/L	—	—	187915	GF070600G21R01	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.217	0.031	0.11	—	pCi/L	—	—	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/14/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.213	0.029	0.083	—	pCi/L	—	—	08-1690	CAMO-08-14524	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-21	1761	888.8	8/20/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.205	0.0327	0.0488	—	pCi/L	—	—	192106	GU070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.224	0.029	0.0507	—	pCi/L	—	—	187915	GU070600G21R01	GELC
R-21	1761	888.8	8/14/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0162	0.0077	0.04	—	pCi/L	U	U	08-1690	CAMO-08-14525	GELC
R-21	1761	888.8	8/20/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0114	0.0107	0.0494	—	pCi/L	U	U	192106	GF070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0139	0.00925	0.0506	—	pCi/L	U	U	187915	GF070600G21R01	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00377	0.0065	0.056	—	pCi/L	U	U	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/14/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.021	0.01	0.044	—	pCi/L	U	U	08-1690	CAMO-08-14524	GELC
R-21	1761	888.8	8/20/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00488	0.00594	0.0417	—	pCi/L	U	U	192106	GU070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00322	0.00967	0.0587	—	pCi/L	U	U	187915	GU070600G21R01	GELC
R-21	1761	888.8	8/14/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.131	0.019	0.039	—	pCi/L	—	—	08-1690	CAMO-08-14525	GELC
R-21	1761	888.8	8/20/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0808	0.0234	0.0773	—	pCi/L	—	J	192106	GF070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.144	0.022	0.0546	—	pCi/L	—	J	187915	GF070600G21R01	GELC
R-21	1761	888.8	8/18/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.101	0.021	0.056	—	pCi/L	—	—	09-2929	CAMO-09-9908	GELC
R-21	1761	888.8	8/14/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.119	0.019	0.044	—	pCi/L	—	—	08-1690	CAMO-08-14524	GELC
R-21	1761	888.8	8/20/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0643	0.0193	0.0652	—	pCi/L	U	U	192106	GU070800G21R01	GELC
R-21	1761	888.8	6/13/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0652	0.019	0.0633	—	pCi/L	—	J	187915	GU070600G21R01	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	63.5	—	—	0.73	mg/L	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	65	—	—	0.73	mg/L	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.1	—	—	0.73	mg/L	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67	—	—	0.73	mg/L	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	66.8	—	—	0.73	mg/L	—	—	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.2	—	—	0.73	mg/L	—	—	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Calcium	—	16.1	—	—	0.05	mg/L	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.4	—	—	0.05	mg/L	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.4	—	—	0.03	mg/L	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17	—	—	0.03	mg/L	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.3	—	—	0.03	mg/L	—	—	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.7	—	—	0.03	mg/L	—	—	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Calcium	—	16.4	—	—	0.05	mg/L	—	—	09-3132	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.5	—	—	0.05	mg/L	—	—	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.9	—	—	0.03	mg/L	—	—	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.4	—	—	0.03	mg/L	—	—	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.9	—	—	0.03	mg/L	—	—	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.4	—	—	0.03	mg/L	—	—	08-1869	CAPA-08-15077	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Geninorg	EPA:300.0	Chloride	—	3.44	—	—	0.066	mg/L	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.44	—	—	0.066	mg/L	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.58	—	—	0.066	mg/L	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.75	—	—	0.066	mg/L	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.48	—	—	0.066	mg/L	—	—	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.49	—	—	0.066	mg/L	—	J-	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Geninorg	EPA:300.0	Fluoride	—	0.51	—	—	0.033	mg/L	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.514	—	—	0.033	mg/L	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.321	—	—	0.033	mg/L	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.429	—	—	0.033	mg/L	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.419	—	—	0.033	mg/L	—	—	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.412	—	—	0.033	mg/L	—	—	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Geninorg	SM:A2340B	Hardness	—	57.1	—	—	0.35	mg/L	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58.2	—	—	0.35	mg/L	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	61.3	—	—	0.35	mg/L	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.3	—	—	0.35	mg/L	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.5	—	—	0.35	mg/L	—	—	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	58.7	—	—	0.35	mg/L	—	—	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Geninorg	SM:A2340B	Hardness	—	57.9	—	—	0.35	mg/L	—	—	09-3132	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	58.4	—	—	0.35	mg/L	—	—	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	59.7	—	—	0.35	mg/L	—	—	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61.6	—	—	0.35	mg/L	—	—	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	59.2	—	—	0.35	mg/L	—	—	09-437	CAPA-09-1237	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-23	1771	816	9/8/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61.3	—	—	0.35	mg/L	—	—	08-1869	CAPA-08-15077	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	4.09	—	—	0.085	mg/L	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.19	—	—	0.085	mg/L	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.35	—	—	0.085	mg/L	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.31	—	—	0.085	mg/L	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.21	—	—	0.085	mg/L	—	—	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.15	—	—	0.085	mg/L	—	—	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Magnesium	—	4.1	—	—	0.085	mg/L	—	—	09-3132	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.19	—	—	0.085	mg/L	—	—	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.23	—	—	0.085	mg/L	—	—	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.4	—	—	0.085	mg/L	—	—	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.12	—	—	0.085	mg/L	—	—	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.33	—	—	0.085	mg/L	—	—	08-1869	CAPA-08-15077	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.23	—	—	0.05	mg/L	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.22	—	—	0.05	mg/L	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.3	—	—	0.05	mg/L	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.19	—	—	0.05	mg/L	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.16	—	—	0.05	mg/L	—	J+	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.18	—	—	0.05	mg/L	—	—	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Geninorg	SW-846:6850	Perchlorate	—	0.461	—	—	0.05	ug/L	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.453	—	—	0.05	ug/L	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.439	—	—	0.05	ug/L	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.409	—	—	0.05	ug/L	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.448	—	—	0.05	ug/L	—	J	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.459	—	—	0.05	ug/L	—	—	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	0.05	mg/L	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.75	—	—	0.05	mg/L	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.86	—	—	0.05	mg/L	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.8	—	—	0.05	mg/L	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.78	—	—	0.05	mg/L	—	—	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.93	—	—	0.05	mg/L	—	J	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Potassium	—	1.76	—	—	0.05	mg/L	—	—	09-3132	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	0.05	mg/L	—	—	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.82	—	—	0.05	mg/L	—	—	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.86	—	—	0.05	mg/L	—	—	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.74	—	—	0.05	mg/L	—	—	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.03	—	—	0.05	mg/L	—	J	08-1869	CAPA-08-15077	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.1	mg/L	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.1	mg/L	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	0.045	mg/L	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	0.045	mg/L	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.045	mg/L	—	—	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.2	—	—	0.045	mg/L	—	—	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.1	mg/L	—	—	09-3132	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.1	mg/L	—	—	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	0.045	mg/L	—	—	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	0.045	mg/L	—	—	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	0.045	mg/L	—	—	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	0.045	mg/L	—	—	08-1869	CAPA-08-15077	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Geninorg	EPA:120.1	Specific Conductance	—	174	—	—	1	uS/cm	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	173	—	—	1	uS/cm	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	167	—	—	1	uS/cm	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	162	—	—	1	uS/cm	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	166	—	—	1	uS/cm	—	—	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	174	—	—	1	uS/cm	—	—	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Geninorg	EPA:300.0	Sulfate	—	5.02	—	—	0.1	mg/L	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.01	—	—	0.1	mg/L	—	—	09-3132	CAPA-09-12271	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-23	1771	816	6/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.2	—	—	0.1	mg/L	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.35	—	—	0.1	mg/L	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.28	—	—	0.1	mg/L	—	J-	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.06	—	—	0.1	mg/L	—	J-	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.4	mg/L	—	J	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	149	—	—	2.4	mg/L	—	J	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.4	mg/L	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	147	—	—	2.4	mg/L	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	155	—	—	2.4	mg/L	—	J	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.4	mg/L	—	—	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.151	—	—	0.015	mg/L	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.062	—	—	0.015	mg/L	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.069	—	—	0.015	mg/L	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.113	—	—	0.024	mg/L	—	J-	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.132	—	—	0.024	mg/L	—	J-	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.026	—	—	0.024	mg/L	J	J	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Geninorg	EPA:150.1	pH	—	8.05	—	—	0.01	SU	H	J-	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.03	—	—	0.01	SU	H	J-	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.95	—	—	0.01	SU	H	J-	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.16	—	—	0.01	SU	H	J-	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.1	—	—	0.01	SU	H	J-	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	0.01	SU	H	J-	08-1869	CAPA-08-15076	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	69.6	—	—	68	ug/L	J	J	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	08-1869	CAPA-08-15077	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Metals	SW-846:6010B	Barium	—	21.5	—	—	1	ug/L	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.4	—	—	1	ug/L	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.2	—	—	1	ug/L	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25.2	—	—	1	ug/L	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.3	—	—	1	ug/L	—	—	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	25	—	—	1	ug/L	—	—	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Barium	—	32.9	—	—	1	ug/L	—	—	09-3132	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	39.9	—	—	1	ug/L	—	—	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	22.3	—	—	1	ug/L	—	—	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	30	—	—	1	ug/L	—	—	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.7	—	—	1	ug/L	—	—	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.7	—	—	1	ug/L	—	—	08-1869	CAPA-08-15077	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	14.8	—	—	10	ug/L	J	J	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.6	—	—	10	ug/L	J	J	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	13.3	—	—	10	ug/L	J	J	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	16	—	—	10	ug/L	J	J	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.7	—	—	15	ug/L	J	J	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15	—	—	10	ug/L	J	J	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	18.2	—	—	10	ug/L	J	J	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	13.8	—	—	10	ug/L	J	J	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	10	ug/L	U	U	08-1869	CAPA-08-15077	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6020	Cadmium	—	0.159	—	—	0.11	ug/L	J	J	09-3132	CAPA-09-12273	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-23	1771	816	9/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	—	0.224	—	—	0.11	ug/L	J	J	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	08-1869	CAPA-08-15077	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Metals	SW-846:6020	Chromium	—	3.13	—	—	2.5	ug/L	J	J	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.69	—	—	2.5	ug/L	J	J	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3.97	—	—	1.5	ug/L	—	U	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	4.5	—	—	1.5	ug/L	—	U	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	1.5	ug/L	—	—	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.1	—	—	1.5	ug/L	J	J	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6020	Chromium	—	2.95	—	—	2.5	ug/L	J	J	09-3132	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.81	—	—	2.5	ug/L	J	J	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	6.19	—	—	1.5	ug/L	—	U	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	20.1	—	—	1.5	ug/L	—	J	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.3	—	—	1.5	ug/L	—	—	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.5	—	—	1.5	ug/L	J	J	08-1869	CAPA-08-15077	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	3.16	—	—	3	ug/L	J	J	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	08-1869	CAPA-08-15077	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Metals	SW-846:6010B	Iron	—	36.4	—	—	30	ug/L	J	J	09-3132	CAPA-09-12274	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	37	—	—	25	ug/L	J	U	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Iron	—	125	—	—	30	ug/L	—	—	09-3132	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	327	—	—	30	ug/L	—	—	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	58.1	—	—	25	ug/L	J	J	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	240	—	—	25	ug/L	—	—	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	54.7	—	—	25	ug/L	J	J	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	57.8	—	—	25	ug/L	J	U	08-1869	CAPA-08-15077	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	—	1.3	—	—	0.5	ug/L	J	J	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6020	Lead	—	1.34	—	—	0.5	ug/L	J	J	09-3132	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	2.14	—	—	0.5	ug/L	—	—	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	14.2	—	—	0.5	ug/L	—	—	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.6	—	—	0.5	ug/L	J	J	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.99	—	—	0.5	ug/L	J	J	08-1869	CAPA-08-15077	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.5	—	—	2	ug/L	J	J	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Manganese	—	383	—	—	2	ug/L	—	—	09-3132	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	604	—	—	2	ug/L	—	—	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	18	—	—	2	ug/L	—	—	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	84.7	—	—	2	ug/L	—	—	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	28.7	—	—	2	ug/L	—	—	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	22.8	—	—	2	ug/L	—	—	08-1869	CAPA-08-15077	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-23	1771	816	9/3/2009	WG	F	CS	FD	Metals	SW-846:6020	Molybdenum	—	1.57	—	—	0.1	ug/L	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.42	—	—	0.1	ug/L	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.72	—	—	0.1	ug/L	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.6	—	—	0.1	ug/L	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.5	—	—	0.1	ug/L	—	J	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.8	—	—	0.1	ug/L	—	J	08-1869	CAPA-08-15076	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.68	—	—	0.1	ug/L	—	—	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.9	—	—	0.1	ug/L	—	—	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.6	—	—	0.1	ug/L	—	J	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.6	—	—	0.1	ug/L	—	J	08-1869	CAPA-08-15077	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Metals	SW-846:6020	Nickel	—	0.649	—	—	0.5	ug/L	J	J	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.607	—	—	0.5	ug/L	J	J	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.9	—	—	0.5	ug/L	J	J	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.54	—	—	0.5	ug/L	J	J	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6020	Nickel	—	3.77	—	—	0.5	ug/L	—	—	09-3132	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	7.41	—	—	0.5	ug/L	—	—	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.83	—	—	0.5	ug/L	J	J	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	9.4	—	—	0.5	ug/L	—	—	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.7	—	—	0.5	ug/L	J	J	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.59	—	—	0.5	ug/L	J	J	08-1869	CAPA-08-15077	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Metals	SW-846:6010B	Silicon Dioxide	—	64	—	—	0.053	mg/L	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.4	—	—	0.053	mg/L	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.3	—	—	0.032	mg/L	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.1	—	—	0.032	mg/L	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.8	—	—	0.032	mg/L	—	—	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	69.9	—	—	0.032	mg/L	—	—	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Metals	SW-846:6010B	Strontium	—	80.6	—	—	1	ug/L	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	80.7	—	—	1	ug/L	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	84.8	—	—	1	ug/L	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	82.1	—	—	1	ug/L	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	81.8	—	—	1	ug/L	—	—	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	78.8	—	—	1	ug/L	—	—	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Strontium	—	81.4	—	—	1	ug/L	—	—	09-3132	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	81.9	—	—	1	ug/L	—	—	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	83.9	—	—	1	ug/L	—	—	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	84	—	—	1	ug/L	—	—	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	80.4	—	—	1	ug/L	—	—	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	80.6	—	—	1	ug/L	—	—	08-1869	CAPA-08-15077	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Metals	SW-846:6020	Uranium	—	0.533	—	—	0.05	ug/L	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.487	—	—	0.05	ug/L	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.476	—	—	0.05	ug/L	—	U	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.54	—	—	0.05	ug/L	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.4	—	—	0.05	ug/L	—	U	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.53	—	—	0.05	ug/L	—	—	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6020	Uranium	—	0.517	—	—	0.05	ug/L	—	—	09-3132	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.553	—	—	0.05	ug/L	—	—	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.47	—	—	0.05	ug/L	—	U	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.55	—	—	0.05	ug/L	—	—	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.41	—	—	0.05	ug/L	—	U	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.51	—	—	0.05	ug/L	—	—	08-1869	CAPA-08-15077	GELC
R-23	1771	816	9/3/2009	WG	F	CS	FD	Metals	SW-846:6010B	Vanadium	—	6.86	—	—	1	ug/L	—	—	09-3132	CAPA-09-12274	GELC
R-23	1771	816	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.66	—	—	1	ug/L	—	—	09-3132	CAPA-09-12271	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	7.4	—	—	1	ug/L	—	—	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.7	—	—	1	ug/L	—	—	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.2	—	—	1	ug/L	—	—	09-437	CAPA-09-1238	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-23	1771	816	9/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	8.1	—	—	1	ug/L	—	—	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Vanadium	—	6.89	—	—	1	ug/L	—	—	09-3132	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.56	—	—	1	ug/L	—	—	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.43	—	—	1	ug/L	—	—	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7	—	—	1	ug/L	—	—	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6	—	—	1	ug/L	—	—	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.4	—	—	1	ug/L	—	—	08-1869	CAPA-08-15077	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	09-2195	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	09-1022	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.6	—	—	2	ug/L	J	J	09-437	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	4.2	—	—	2	ug/L	J	J	08-1869	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Metals	SW-846:6010B	Zinc	—	3.7	—	—	3.3	ug/L	J	J	09-3132	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	5.5	—	—	3.3	ug/L	J	J	09-3132	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.01	—	—	2	ug/L	J	J	09-2195	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.7	—	—	2	ug/L	J	J	09-1022	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4	—	—	2	ug/L	J	J	09-437	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	2.4	—	—	2	ug/L	J	J	08-1869	CAPA-08-15077	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0117	0.0045	0.029	—	pCi/L	U	U	09-2194	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00368	0.0046	0.037	—	pCi/L	U	U	09-1023	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00232	0.0056	0.023	—	pCi/L	U	U	09-438	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0156	0.011	0.033	—	pCi/L	U	U	08-1870	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	HASL-300	Americium-241	<	-0.00286	0.0022	0.029	—	pCi/L	U	U	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00286	0.0018	0.033	—	pCi/L	U	U	09-3133	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00346	0.0049	0.03	—	pCi/L	U	U	09-2194	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00506	0.0047	0.04	—	pCi/L	U	U	09-1023	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0139	0.005	0.025	—	pCi/L	U	U	09-438	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00181	0.0063	0.047	—	pCi/L	U	U	08-1870	CAPA-08-15077	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.79	1.5	4.6	—	pCi/L	U	U	09-2194	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.19	1.4	4	—	pCi/L	U	U	09-1023	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.106	1.3	4.1	—	pCi/L	U	U	09-438	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.59	1.4	5	—	pCi/L	U	U	08-1870	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	EPA:901.1	Cesium-137	<	-1.68	1.2	3.5	—	pCi/L	U	U	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.154	1	3.3	—	pCi/L	U	U	09-3133	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.693	1.5	4.5	—	pCi/L	U	U	09-2194	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.98	1.1	4.2	—	pCi/L	U	U	09-1023	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.43	1.2	3.8	—	pCi/L	U	U	09-438	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.64	1.4	5	—	pCi/L	U	U	08-1870	CAPA-08-15077	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.37	1.3	5.2	—	pCi/L	U	U	09-2194	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.85	0.91	4.2	—	pCi/L	U	U	09-1023	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.11	1.5	4.5	—	pCi/L	U	U	09-438	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.281	1.1	3.9	—	pCi/L	U	U	08-1870	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	EPA:901.1	Cobalt-60	<	-0.907	0.94	2.9	—	pCi/L	U	U	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.04	1.1	3.8	—	pCi/L	U	U	09-3133	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.446	1.5	5.1	—	pCi/L	U	U	09-2194	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.167	1.4	4.4	—	pCi/L	U	U	09-1023	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.875	1.3	4.4	—	pCi/L	U	U	09-438	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.301	1.6	5.2	—	pCi/L	U	U	08-1870	CAPA-08-15077	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.949	0.64	2.1	—	pCi/L	U	U	09-2194	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.37	0.76	2.1	—	pCi/L	U	U	09-1023	CAPA-09-4363	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	EPA:900	Gross alpha/beta	<	1.01	0.79	2.7	—	pCi/L	U	U	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	3.41	1.1	2.1	—	pCi/L	—	—	09-3133	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.389	0.47	1.7	—	pCi/L	U	U	09-2194	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.605	0.62	2.3	—	pCi/L	U	U	09-1023	CAPA-09-4365	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.877	0.57	1.9	—	pCi/L	U	U	09-2194	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.06	0.63	2	—	pCi/L	U	U	09-1023	CAPA-09-4363	GELC
R-23	1771	816	9/6/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.29	0.873	2.29	—	pCi/L	—	J	193317	GF070900GR2301	GELC
R-23	1771	816	6/25/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.627	0.815	2.81	—	pCi/L	U	U	188669	GF070600GR2301	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-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	EPA:900	Gross beta	<	0.737	0.83	2.9	—	pCi/L	U	U	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.68	0.89	2.4	—	pCi/L	—	—	09-3133	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.23	0.71	2.3	—	pCi/L	U	U	09-2194	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.93	0.76	2.3	—	pCi/L	U	U	09-1023	CAPA-09-4365	GELC
R-23	1771	816	9/6/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.32	0.756	2.12	—	pCi/L	—	J	193317	GU070900GR2301	GELC
R-23	1771	816	6/25/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.733	0.575	1.89	—	pCi/L	U	U	188669	GU070600GR2301	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	59.7	15	64	—	pCi/L	U	U	09-2194	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	67.3	44	250	—	pCi/L	U	U	09-1023	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	19.2	15	31	—	pCi/L	U	U	09-438	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	21.8	17	29	—	pCi/L	U	U	08-1870	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	EPA:901.1	Gross gamma	<	68.2	39	71	—	pCi/L	U	U	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	72	35	74	—	pCi/L	U	U	09-3133	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	59.1	25	75	—	pCi/L	U	U	09-2194	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	7.75	11	11	—	pCi/L	U	U	09-1023	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	36.1	32	60	—	pCi/L	U	U	09-438	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	19.4	11	19	—	pCi/L	—	U	08-1870	CAPA-08-15077	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	20.3	12	40	—	pCi/L	U	U	09-2194	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.8	13	35	—	pCi/L	U	U	09-1023	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-25.9	11	32	—	pCi/L	U	U	09-438	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.5	9.9	29	—	pCi/L	U	U	08-1870	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	EPA:901.1	Neptunium-237	<	-9.43	12	33	—	pCi/L	U	U	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.83	9.2	30	—	pCi/L	U	U	09-3133	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12.6	10	33	—	pCi/L	U	U	09-2194	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.23	8.7	27	—	pCi/L	U	U	09-1023	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.57	11	35	—	pCi/L	U	U	09-438	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.8	10	29	—	pCi/L	U	U	08-1870	CAPA-08-15077	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00452	0.0078	0.041	—	pCi/L	U	U	09-2194	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0121	0.0052	0.022	—	pCi/L	U	U	09-1023	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00216	0.0048	0.027	—	pCi/L	U	U	09-438	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0058	0.062	—	pCi/L	U	U	08-1870	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	HASL-300	Plutonium-238	<	-0.00159	0.0023	0.028	—	pCi/L	U	U	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0016	0.027	—	pCi/L	U	U	09-3133	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0209	0.01	0.042	—	pCi/L	U	U	09-2194	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0113	0.0047	0.027	—	pCi/L	U	U	09-1023	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00227	0.0051	0.028	—	pCi/L	U	U	09-438	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00351	0.005	0.053	—	pCi/L	U	U	08-1870	CAPA-08-15077	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-1.08E-09	0.0071	0.041	—	pCi/L	U	U	09-2194	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00151	0.004	0.03	—	pCi/L	U	U	09-1023	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00431	0.0075	0.034	—	pCi/L	U	U	09-438	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0082	0.071	—	pCi/L	U	U	08-1870	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	HASL-300	Plutonium-239/240	<	-0.00159	0.0023	0.031	—	pCi/L	U	U	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00622	0.0031	0.031	—	pCi/L	U	U	09-3133	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00232	0.0052	0.042	—	pCi/L	U	U	09-2194	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00943	0.005	0.038	—	pCi/L	U	U	09-1023	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0136	0.0072	0.036	—	pCi/L	U	U	09-438	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00351	0.0061	0.06	—	pCi/L	U	U	08-1870	CAPA-08-15077	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	43.2	17	65	—	pCi/L	U	U	09-2194	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	21.4	15	33	—	pCi/L	U	U	09-1023	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	28.9	18	65	—	pCi/L	U	U	09-438	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-9.16	18	61	—	pCi/L	U	U	08-1870	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	EPA:901.1	Potassium-40	<	-25.5	15	45	—	pCi/L	U	U	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.15	16	54	—	pCi/L	U	U	09-3133	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-17.9	16	52	—	pCi/L	U	U	09-2194	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.3	17	59	—	pCi/L	U	U	09-1023	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-16.5	17	55	—	pCi/L	U	U	09-438	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	18.4	18	65	—	pCi/L	U	U	08-1870	CAPA-08-15077	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.1	0.31	0.64	—	pCi/L	—	—	09-3133	CAPA-09-12270	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-23	1771	816	9/8/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.315	0.2	0.64	—	pCi/L	U	U	08-1870	CAPA-08-15077	GELC
R-23	1771	816	3/4/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.273	0.1	0.23	—	pCi/L	—	U	08-743	CAPA-08-11054	GELC
R-23	1771	816	12/6/2007	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.346	0.14	0.38	—	pCi/L	U	U	08-369	CAPA-08-9335	GELC
R-23	1771	816	9/24/2004	WG	UF	CS	—	Rad	EPA:901.1	Radium-226	<	0.803	3.03	7.99	—	pCi/L	U	U	122193	GU04090GR2301	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.348	0.2	0.64	—	pCi/L	U	U	09-3133	CAPA-09-12270	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.599	0.15	0.28	—	pCi/L	—	—	08-1870	CAPA-08-15077	GELC
R-23	1771	816	3/4/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	-0.0339	0.18	0.71	—	pCi/L	U	U	08-743	CAPA-08-11054	GELC
R-23	1771	816	12/6/2007	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.361	0.15	0.44	—	pCi/L	U	U	08-369	CAPA-08-9335	GELC
R-23	1771	816	10/17/2002	WG	UF	CS	—	Rad	EPA:901.1	Radium-228	<	0	5.9	12	—	pCi/L	UI	R	1329S	GW23-02-49608	GEL
R-23	1771	816	6/4/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.992	1.4	4.7	—	pCi/L	U	U	09-2194	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	3.7	1.4	5.6	—	pCi/L	U	U	09-1023	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.194	1.6	5.1	—	pCi/L	U	U	09-438	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.83	1.4	5.1	—	pCi/L	U	U	08-1870	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	EPA:901.1	Sodium-22	<	-1.29	1.1	3.5	—	pCi/L	U	U	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.24	0.99	3	—	pCi/L	U	U	09-3133	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.554	1.2	3.5	—	pCi/L	U	U	09-2194	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.974	1.2	4.1	—	pCi/L	U	U	09-1023	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.678	1.2	3.7	—	pCi/L	U	U	09-438	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.629	1.3	4.2	—	pCi/L	U	U	08-1870	CAPA-08-15077	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.295	0.15	0.47	—	pCi/L	U	U	09-2194	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.104	0.089	0.32	—	pCi/L	U	U	09-1023	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0311	0.13	0.48	—	pCi/L	U	U	09-438	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.105	0.12	0.43	—	pCi/L	U	U	08-1870	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	EPA:905.0	Strontium-90	<	-0.0421	0.076	0.26	—	pCi/L	U	U	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0514	0.093	0.31	—	pCi/L	U	U	09-3133	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.231	0.12	0.37	—	pCi/L	U	U	09-2194	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0196	0.061	0.21	—	pCi/L	U	U	09-1023	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.135	0.1	0.45	—	pCi/L	U	U	09-438	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0613	0.13	0.49	—	pCi/L	U	U	08-1870	CAPA-08-15077	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	HASL-300	Thorium-228	<	0.0612	0.024	0.18	—	pCi/L	U	U	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.0932	0.02	0.1	—	pCi/L	U	U	09-3133	CAPA-09-12270	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	HASL-300	Thorium-230	<	0.0514	0.018	0.19	—	pCi/L	U	U	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.00484	0.0068	0.11	—	pCi/L	U	U	09-3133	CAPA-09-12270	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	HASL-300	Thorium-232	<	0.015	0.0091	0.065	—	pCi/L	U	U	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.000285	0.0042	0.038	—	pCi/L	U	U	09-3133	CAPA-09-12270	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	LLEE	Tritium	<	-0.25544	0.28737	0.28737	—	pCi/L	U	U	09-3165	CAPA-09-12273	UMTL
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.38316	0.28737	0.28737	—	pCi/L	—	U	09-3165	CAPA-09-12270	UMTL
R-23	1771	816	6/4/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.25544	0.28737	0.28737	—	pCi/L	U	U	09-2260	CAPA-09-9417	UMTL
R-23	1771	816	2/25/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.09579	0.28737	0.28737	—	pCi/L	U	U	09-1038	CAPA-09-4365	UMTL
R-23	1771	816	9/8/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.03193	0.28737	0.28737	—	pCi/L	U	U	08-1900	CAPA-08-15077	UMTL
R-23	1771	816	9/6/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.3193	0.28737	0.28737	—	pCi/L	—	U	2400	UU070900GR2301	UMTL
R-23	1771	816	6/4/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.355	0.041	0.11	—	pCi/L	—	—	09-2194	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.418	0.04	0.073	—	pCi/L	—	—	09-1023	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.358	0.034	0.054	—	pCi/L	—	—	09-438	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.341	0.031	0.061	—	pCi/L	—	—	08-1870	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	HASL-300	Uranium-234	—	0.281	0.033	0.094	—	pCi/L	—	—	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.366	0.042	0.11	—	pCi/L	—	—	09-3133	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.331	0.041	0.12	—	pCi/L	—	—	09-2194	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.344	0.035	0.073	—	pCi/L	—	—	09-1023	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.31	0.032	0.059	—	pCi/L	—	—	09-438	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.357	0.033	0.063	—	pCi/L	—	—	08-1870	CAPA-08-15077	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0239	0.0092	0.05	—	pCi/L	U	U	09-2194	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0187	0.0082	0.034	—	pCi/L	U	U	09-1023	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0336	0.0085	0.028	—	pCi/L	—	—	09-438	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0262	0.0083	0.032	—	pCi/L	U	U	08-1870	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	HASL-300	Uranium-235/236	<	0.00634	0.0064	0.047	—	pCi/L	U	U	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0	0.0074	0.055	—	pCi/L	U	U	09-3133	CAPA-09-12270	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-23	1771	816	6/4/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0151	0.0093	0.055	—	pCi/L	U	U	09-2194	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0281	0.009	0.034	—	pCi/L	U	U	09-1023	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0197	0.0067	0.031	—	pCi/L	U	U	09-438	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0135	0.0072	0.033	—	pCi/L	U	U	08-1870	CAPA-08-15077	GELC
R-23	1771	816	6/4/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.149	0.024	0.05	—	pCi/L	—	—	09-2194	CAPA-09-9416	GELC
R-23	1771	816	2/25/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.168	0.022	0.043	—	pCi/L	—	—	09-1023	CAPA-09-4363	GELC
R-23	1771	816	12/3/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.167	0.02	0.034	—	pCi/L	—	—	09-438	CAPA-09-1238	GELC
R-23	1771	816	9/8/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.168	0.02	0.032	—	pCi/L	—	—	08-1870	CAPA-08-15076	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	FD	Rad	HASL-300	Uranium-238	—	0.136	0.022	0.047	—	pCi/L	—	—	09-3133	CAPA-09-12273	GELC
R-23	1771	816	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.183	0.027	0.055	—	pCi/L	—	—	09-3133	CAPA-09-12270	GELC
R-23	1771	816	6/4/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.135	0.023	0.056	—	pCi/L	—	—	09-2194	CAPA-09-9417	GELC
R-23	1771	816	2/25/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.203	0.024	0.043	—	pCi/L	—	—	09-1023	CAPA-09-4365	GELC
R-23	1771	816	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.14	0.019	0.037	—	pCi/L	—	—	09-438	CAPA-09-1237	GELC
R-23	1771	816	9/8/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.16	0.02	0.033	—	pCi/L	—	—	08-1870	CAPA-08-15077	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	EQB	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	—	0.00000201	—	—	0.00000201	ug/L	J	J	09-3212	CAPA-09-12238	ALTC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	<	0.00000323	—	—	0.00000323	ug/L	U	U	09-2263	CAPA-09-9457	ALTC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	<	0.00000222	—	—	0.00000222	ug/L	U	U	09-1075	CAPA-09-4355	ALTC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.3	—	—	0.73	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	82.1	—	—	0.73	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.5	—	—	0.73	mg/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.131	—	—	0.066	mg/L	J	J	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	<	0.2	—	—	0.066	mg/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Bromide	—	0.145	—	—	0.067	mg/L	J	J	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.3	—	—	0.05	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	27.8	—	—	0.03	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	28	—	—	0.03	mg/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	32.1	—	—	0.03	mg/L	—	—	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	26.7	—	—	0.05	mg/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	28.3	—	—	0.03	mg/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	30.1	—	—	0.03	mg/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	31.1	—	—	0.03	mg/L	—	—	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	29.8	—	—	0.13	mg/L	—	J+	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	32.3	—	—	0.33	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	34.1	—	—	0.33	mg/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.43	—	—	0.033	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.159	—	—	0.033	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.186	—	—	0.033	mg/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	105	—	—	0.35	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	110	—	—	0.35	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	113	—	—	0.35	mg/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	127	—	—	0.35	mg/L	—	—	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	106	—	—	0.35	mg/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	112	—	—	0.35	mg/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	121	—	—	0.35	mg/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	123	—	—	0.35	mg/L	—	—	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.52	—	—	0.085	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.9	—	—	0.085	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	10.4	—	—	0.085	mg/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	11.4	—	—	0.085	mg/L	—	—	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	9.66	—	—	0.085	mg/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	10.2	—	—	0.085	mg/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	11	—	—	0.085	mg/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	11.1	—	—	0.085	mg/L	—	—	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.343	—	—	0.05	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0429	—	—	0.01	mg/L	J	J	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.291	—	—	0.05	mg/L	—	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.236	—	—	0.05	ug/L	—	—	09-3196	CAPA-09-12237	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-23i	7001	400.3	6/9/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.172	—	—	0.05	ug/L	J	J	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.173	—	—	0.05	ug/L	J	J	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.53	—	—	0.05	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.45	—	—	0.05	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.65	—	—	0.05	mg/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.93	—	—	0.05	mg/L	—	—	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.61	—	—	0.05	mg/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.55	—	—	0.05	mg/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.97	—	—	0.05	mg/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.85	—	—	0.05	mg/L	—	—	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.8	—	—	0.1	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.4	—	—	0.045	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.1	—	—	0.045	mg/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.5	—	—	0.045	mg/L	—	—	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.8	—	—	0.1	mg/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.7	—	—	0.045	mg/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.4	—	—	0.045	mg/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18	—	—	0.045	mg/L	—	—	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	307	—	—	1	uS/cm	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	312	—	—	1	uS/cm	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	315	—	—	1	uS/cm	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	12.1	—	—	0.1	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	13.1	—	—	0.1	mg/L	—	J	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	14.7	—	—	0.1	mg/L	—	J-	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	200	—	—	2.4	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	233	—	—	2.4	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	243	—	—	2.4	mg/L	H	J-	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.69	—	—	0.01	SU	H	J-	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.7	—	—	0.01	SU	H	J-	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.75	—	—	0.01	SU	H	J-	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	183	—	—	68	ug/L	J	J	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	325	—	—	68	ug/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	268	—	—	68	ug/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	232	—	—	68	ug/L	—	—	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.78	—	—	1.5	ug/L	J	J	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.04	—	—	1.5	ug/L	J	J	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	50.9	—	—	1	ug/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	51.5	—	—	1	ug/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	52.4	—	—	1	ug/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	58.4	—	—	1	ug/L	—	—	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	52.4	—	—	1	ug/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	54.3	—	—	1	ug/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	58.3	—	—	1	ug/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	57.5	—	—	1	ug/L	—	—	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.5	—	—	1.5	ug/L	J	J	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	1.6	—	—	1.5	ug/L	J	U	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.93	—	—	2.5	ug/L	J	J	09-3196	CAPA-09-12239	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-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	8.6	—	—	1.5	ug/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	6.2	—	—	1.5	ug/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3.9	—	—	1.5	ug/L	—	U	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	200	—	—	30	ug/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	335	—	—	25	ug/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	289	—	—	25	ug/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	177	—	—	25	ug/L	—	U	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.583	—	—	0.5	ug/L	J	J	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.674	—	—	0.5	ug/L	J	J	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.4	—	—	2	ug/L	J	J	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13	—	—	2	ug/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	20.7	—	—	2	ug/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13.3	—	—	2	ug/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.5	—	—	2	ug/L	J	J	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.04	—	—	0.1	ug/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	0.1	ug/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	0.1	ug/L	—	J	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.6	—	—	0.1	ug/L	—	J	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	0.1	ug/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	0.1	ug/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	0.1	ug/L	—	J	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.6	—	—	0.1	ug/L	—	J	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.944	—	—	0.5	ug/L	J	J	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.724	—	—	0.5	ug/L	J	J	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.75	—	—	0.5	ug/L	J	J	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	0.77	—	—	0.5	ug/L	J	U	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.49	—	—	0.5	ug/L	J	J	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.91	—	—	0.5	ug/L	J	J	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	0.5	ug/L	J	J	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	1.3	—	—	0.5	ug/L	J	U	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	54.9	—	—	0.053	mg/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	53.3	—	—	0.032	mg/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	51.6	—	—	0.032	mg/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1	ug/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	158	—	—	1	ug/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	163	—	—	1	ug/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	183	—	—	1	ug/L	—	—	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	159	—	—	1	ug/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	160	—	—	1	ug/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	176	—	—	1	ug/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	177	—	—	1	ug/L	—	—	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.765	—	—	0.05	ug/L	—	—	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.578	—	—	0.05	ug/L	—	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.76	—	—	0.05	ug/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	0.05	ug/L	—	—	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.829	—	—	0.05	ug/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.663	—	—	0.05	ug/L	—	U	09-2256	CAPA-09-9457	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-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.78	—	—	0.05	ug/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	0.05	ug/L	—	—	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.67	—	—	1	ug/L	J	J	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	3.88	—	—	1	ug/L	J	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.5	—	—	1	ug/L	J	J	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.3	—	—	1	ug/L	J	J	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.8	—	—	1	ug/L	J	J	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.54	—	—	1	ug/L	J	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.8	—	—	1	ug/L	J	J	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.5	—	—	1	ug/L	J	J	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	9/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	6.44	—	—	3.3	ug/L	J	J	09-3196	CAPA-09-12237	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.49	—	—	2	ug/L	J	J	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	14.1	—	—	2	ug/L	—	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	16	—	—	2	ug/L	—	—	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.2	—	—	3.3	ug/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	25.3	—	—	2	ug/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	19.8	—	—	2	ug/L	—	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	18	—	—	2	ug/L	—	—	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00762	0.0057	0.035	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00901	0.0085	0.039	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00117	0.0016	0.023	—	pCi/L	U	U	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	12/3/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00317	0.0068	0.026	—	pCi/L	U	U	09-441	CAPA-09-1189	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00301	0.0024	0.037	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00469	0.006	0.034	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00438	0.0088	0.042	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00613	0.005	0.026	—	pCi/L	U	U	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00603	0.0045	0.023	—	pCi/L	U	U	09-441	CAPA-09-1188	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.803	1.4	4.4	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.31	1.5	5.1	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	4.15	2.2	4.3	—	pCi/L	U	U	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	4.05	2.2	3.4	—	pCi/L	UI	R	09-441	CAPA-09-1189	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.5	1.5	4.4	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.03	1.2	4.3	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.06	1.5	4.7	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.58	1.2	4.2	—	pCi/L	U	U	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.71	1.3	4.7	—	pCi/L	U	U	09-441	CAPA-09-1188	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.908	1.7	5.3	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.466	1.6	5.2	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.23	1.1	4.1	—	pCi/L	U	U	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.5	1.3	3.7	—	pCi/L	U	U	09-441	CAPA-09-1189	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.26	1.5	5.2	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.527	0.99	3.5	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.92	1.3	5.3	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.721	1.4	4.3	—	pCi/L	U	U	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0197	1.3	4.1	—	pCi/L	U	U	09-441	CAPA-09-1188	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.766	0.52	1.7	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.00168	0.66	2.7	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.3	1	2.7	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.95	0.61	2	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.5	0.85	2.4	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.06	0.54	1.7	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.2	0.74	1.2	—	pCi/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	9/6/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.48	1.09	2.92	—	pCi/L	—	J	193317	GF0709GR23I 01	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.53	0.81	2.1	—	pCi/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.78	0.49	1.1	—	pCi/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.92	0.59	1.4	—	pCi/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	9/6/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.9	0.885	2.81	—	pCi/L	U	U	193317	GU0709GR23I 01	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-23i	7001	400.3	6/9/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	76.6	57	83	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	27	24	61	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	11	9.6	22	—	pCi/L	U	U	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	23	39	33	—	pCi/L	U	U	09-441	CAPA-09-1189	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	79.9	34	84	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	64.7	28	57	—	pCi/L	—	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	21.5	8.7	27	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	8.16	5.9	22	—	pCi/L	U	U	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	25.5	32	49	—	pCi/L	U	U	09-441	CAPA-09-1188	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.1	12	37	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.3	11	34	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16	9.8	30	—	pCi/L	U	U	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.57	10	33	—	pCi/L	U	U	09-441	CAPA-09-1189	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	19.7	13	39	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.8	9.7	32	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-16.4	12	32	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.71	10	32	—	pCi/L	U	U	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-6.04	6.5	20	—	pCi/L	U	U	09-441	CAPA-09-1188	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00229	0.0032	0.041	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00591	0.0059	0.028	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00212	0.0047	0.026	—	pCi/L	U	U	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	12/3/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00292	0.0077	0.036	—	pCi/L	U	U	09-441	CAPA-09-1189	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00156	0.0016	0.027	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0021	0.0047	0.038	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00367	0.0058	0.026	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00204	0.0035	0.025	—	pCi/L	U	U	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0039	0.024	—	pCi/L	U	U	09-441	CAPA-09-1188	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0032	0.042	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00788	0.0056	0.039	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00848	0.006	0.034	—	pCi/L	U	U	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	12/3/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00292	0.0051	0.046	—	pCi/L	U	U	09-441	CAPA-09-1189	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00467	0.0031	0.031	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00209	0.0063	0.038	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00916	0.0055	0.037	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00815	0.005	0.032	—	pCi/L	U	U	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00782	0.0039	0.031	—	pCi/L	U	U	09-441	CAPA-09-1188	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	7.68	15	55	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	5.34	18	48	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	0.254	16	54	—	pCi/L	U	U	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	27.5	15	56	—	pCi/L	U	U	09-441	CAPA-09-1189	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	18.7	21	70	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	23.2	18	61	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.72	19	65	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	35	21	45	—	pCi/L	U	U	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	26.1	15	55	—	pCi/L	U	U	09-441	CAPA-09-1188	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.437	0.19	0.48	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.906	0.2	0.26	—	pCi/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	9/16/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.19	0.13	0.43	—	pCi/L	U	U	08-1961	CAPA-08-15030	GELC
R-23i	7001	400.3	9/16/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.502	0.19	0.54	—	pCi/L	U	U	08-1961	CAPA-08-15011	GELC
R-23i	7001	400.3	6/16/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.649	0.22	0.51	—	pCi/L	—	—	08-1440	CAPA-08-13396	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.88	0.46	1.1	—	pCi/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.06	0.27	0.71	—	pCi/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	9/16/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.318	0.17	0.54	—	pCi/L	U	U	08-1961	CAPA-08-15030	GELC
R-23i	7001	400.3	9/16/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.138	0.21	0.72	—	pCi/L	U	U	08-1961	CAPA-08-15011	GELC
R-23i	7001	400.3	6/16/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.824	0.22	0.53	—	pCi/L	—	—	08-1440	CAPA-08-13396	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.04	1.4	5.2	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.795	1.3	4.6	—	pCi/L	U	U	09-1078	CAPA-09-4353	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-23i	7001	400.3	12/12/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.587	1.1	3.4	—	pCi/L	U	U	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	12/3/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.06	1.3	3.9	—	pCi/L	U	U	09-441	CAPA-09-1189	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.04	1.3	3.5	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.896	1.1	3.2	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.926	1.8	4.8	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.41	1.3	3.7	—	pCi/L	U	U	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	12/3/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.457	1.8	5.2	—	pCi/L	U	U	09-441	CAPA-09-1188	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0731	0.12	0.48	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.101	0.098	0.34	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0205	0.083	0.29	—	pCi/L	U	U	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	12/3/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.241	0.13	0.49	—	pCi/L	U	U	09-441	CAPA-09-1189	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.375	0.15	0.46	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0691	0.13	0.46	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0862	0.095	0.37	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0809	0.082	0.29	—	pCi/L	U	U	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	12/3/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.226	0.15	0.49	—	pCi/L	U	U	09-441	CAPA-09-1188	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.0408	0.012	0.11	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0131	0.0087	0.12	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0233	0.0082	0.041	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	188.7063	6.0667	0.28737	—	pCi/L	—	—	09-3246	CAPA-09-12239	UMTL
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	228.2995	7.6632	0.28737	—	pCi/L	—	—	09-2260	CAPA-09-9457	UMTL
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	240.1136	7.9825	0.28737	—	pCi/L	—	—	09-1073	CAPA-09-4355	UMTL
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Rad	EPA:906.0	Tritium	—	269	65	190	—	pCi/L	—	—	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	12/3/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	16.79518	2.752366	2.84177	—	pCi/L	—	—	09-460	CAPA-09-1188	ARSL
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.359	0.047	0.15	—	pCi/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.331	0.034	0.07	—	pCi/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.48	0.046	0.065	—	pCi/L	—	—	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	12/3/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.542	0.047	0.054	—	pCi/L	—	—	09-441	CAPA-09-1189	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.364	0.041	0.095	—	pCi/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.384	0.049	0.15	—	pCi/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.377	0.037	0.071	—	pCi/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.516	0.047	0.06	—	pCi/L	—	—	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.506	0.045	0.053	—	pCi/L	—	—	09-441	CAPA-09-1188	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00927	0.0066	0.068	—	pCi/L	U	U	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0135	0.0056	0.032	—	pCi/L	U	U	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0289	0.0086	0.035	—	pCi/L	U	U	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	12/3/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0382	0.0096	0.029	—	pCi/L	—	—	09-441	CAPA-09-1189	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0064	0.0046	0.048	—	pCi/L	U	U	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0139	0.01	0.068	—	pCi/L	U	U	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0298	0.0085	0.033	—	pCi/L	U	U	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0177	0.0071	0.032	—	pCi/L	U	U	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0216	0.0072	0.028	—	pCi/L	U	U	09-441	CAPA-09-1188	GELC
R-23i	7001	400.3	6/9/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.173	0.03	0.068	—	pCi/L	—	—	09-2256	CAPA-09-9456	GELC
R-23i	7001	400.3	3/3/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.208	0.024	0.042	—	pCi/L	—	—	09-1078	CAPA-09-4353	GELC
R-23i	7001	400.3	12/12/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.352	0.036	0.041	—	pCi/L	—	—	09-523	CAPA-09-1195	GELC
R-23i	7001	400.3	12/3/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.296	0.03	0.034	—	pCi/L	—	—	09-441	CAPA-09-1189	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.233	0.031	0.048	—	pCi/L	—	—	09-3196	CAPA-09-12239	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.262	0.037	0.068	—	pCi/L	—	—	09-2256	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.202	0.024	0.042	—	pCi/L	—	—	09-1078	CAPA-09-4355	GELC
R-23i	7001	400.3	12/12/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.305	0.031	0.038	—	pCi/L	—	—	09-523	CAPA-09-1197	GELC
R-23i	7001	400.3	12/3/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.296	0.03	0.033	—	pCi/L	—	—	09-441	CAPA-09-1188	GELC
R-23i	7001	400.3	9/10/2009	WG	UF	CS	FTB	Voa	SW-846:8260B	Methylene Chloride	—	3.16	—	—	3	ug/L	J	J	09-3197	CAPA-09-12240	GELC
R-23i	7001	400.3	6/9/2009	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	10	—	—	3	ug/L	U	U	09-2255	CAPA-09-9457	GELC
R-23i	7001	400.3	3/3/2009	WG	UF	CS	—	Voa	SW-846:8260B	Methylene Chloride	<	10	—	—	3	ug/L	U	UJ	09-1077	CAPA-09-4355	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	76.9	—	—	0.73	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	82.6	—	—	0.73	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	81.5	—	—	0.73	mg/L	—	—	09-1003	CAPA-09-4293	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-23i	7011	470.2	9/8/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.1	—	—	0.05	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.1	—	—	0.03	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.8	—	—	0.03	mg/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.7	—	—	0.05	mg/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.7	—	—	0.03	mg/L	—	—	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.6	—	—	0.03	mg/L	—	—	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8	—	—	0.066	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.23	—	—	0.066	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.23	—	—	0.066	mg/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.307	—	—	0.033	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.243	—	—	0.033	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.16	—	—	0.033	mg/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76.4	—	—	0.35	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	76.7	—	—	0.35	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.6	—	—	0.35	mg/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	75.1	—	—	0.35	mg/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.8	—	—	0.35	mg/L	—	—	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	76	—	—	0.35	mg/L	—	—	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.75	—	—	0.085	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.86	—	—	0.085	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.6	—	—	0.085	mg/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.69	—	—	0.085	mg/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.45	—	—	0.085	mg/L	—	—	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.98	—	—	0.085	mg/L	—	—	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.755	—	—	0.05	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.83	—	—	0.1	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.695	—	—	0.05	mg/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	12/2/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.91	—	—	0.05	mg/L	—	J	09-428	CAPA-09-1193	GELC
R-23i	7011	470.2	9/15/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.815	—	—	0.05	mg/L	—	—	08-1950	CAPA-08-15016	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.237	—	—	0.05	ug/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.221	—	—	0.05	ug/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.211	—	—	0.05	ug/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.43	—	—	0.05	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.49	—	—	0.05	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.53	—	—	0.05	mg/L	E	J	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.4	—	—	0.05	mg/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.36	—	—	0.05	mg/L	—	—	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.63	—	—	0.05	mg/L	E	—	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.8	—	—	0.1	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.5	—	—	0.045	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.4	—	—	0.045	mg/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	0.1	mg/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.9	—	—	0.045	mg/L	—	—	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.5	—	—	0.045	mg/L	—	—	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	217	—	—	1	uS/cm	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	213	—	—	1	uS/cm	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	205	—	—	1	uS/cm	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.38	—	—	0.1	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.48	—	—	0.1	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.91	—	—	0.1	mg/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	144	—	—	2.4	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	143	—	—	2.4	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	140	—	—	2.4	mg/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.08	—	—	0.033	mg/L	J	J	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.033	mg/L	U	U	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.074	—	—	0.029	mg/L	J	J	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	12/2/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	U	09-428	CAPA-09-1194	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-23i	7011	470.2	9/8/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.19	—	—	0.01	SU	H	J-	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.06	—	—	0.01	SU	H	J-	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.14	—	—	0.01	SU	H	J-	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	6.59	—	—	1	ug/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.07	—	—	1	ug/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.7	—	—	1	ug/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	6.48	—	—	1	ug/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	6.74	—	—	1	ug/L	—	—	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	7.9	—	—	1	ug/L	—	—	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.86	—	—	0.1	ug/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.09	—	—	0.1	ug/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	<	2.1	—	—	0.1	ug/L	—	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.94	—	—	0.1	ug/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.96	—	—	0.1	ug/L	—	—	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	<	2	—	—	0.1	ug/L	—	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.602	—	—	0.5	ug/L	J	J	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	0.5	ug/L	J	J	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.93	—	—	0.5	ug/L	J	J	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.653	—	—	0.5	ug/L	J	J	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.886	—	—	0.5	ug/L	J	J	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	0.5	ug/L	J	J	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42	—	—	0.053	mg/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	41.7	—	—	0.032	mg/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	40.9	—	—	0.032	mg/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.5	—	—	1	ug/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	93.3	—	—	1	ug/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	93.8	—	—	1	ug/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	87.4	—	—	1	ug/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	88.4	—	—	1	ug/L	—	—	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	98.1	—	—	1	ug/L	—	—	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.997	—	—	0.05	ug/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.79	—	—	0.05	ug/L	—	J	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.98	—	—	0.05	ug/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.03	—	—	0.05	ug/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.824	—	—	0.05	ug/L	—	J	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.92	—	—	0.05	ug/L	—	—	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	9/8/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.33	—	—	1	ug/L	—	—	09-3171	CAPA-09-12243	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.26	—	—	1	ug/L	—	—	09-2195	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.2	—	—	1	ug/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.52	—	—	1	ug/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.06	—	—	1	ug/L	—	—	09-2195	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.3	—	—	1	ug/L	—	—	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00173	0.0017	0.03	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00346	0.0054	0.038	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	12/2/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00509	0.003	0.025	—	pCi/L	U	U	09-428	CAPA-09-1193	GELC
R-23i	7011	470.2	9/15/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00338	0.0081	0.034	—	pCi/L	U	U	08-1950	CAPA-08-15016	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000867	0.0039	0.035	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00373	0.0016	0.028	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00138	0.0028	0.037	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	12/2/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000318	0.0037	0.026	—	pCi/L	U	U	09-428	CAPA-09-1194	GELC
R-23i	7011	470.2	9/15/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	0.0048	0.03	—	pCi/L	U	U	08-1950	CAPA-08-15018	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.131	1.6	5	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.734	1.4	4.5	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	12/2/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.173	1.2	4.1	—	pCi/L	U	U	09-428	CAPA-09-1193	GELC
R-23i	7011	470.2	9/15/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0936	1.3	4.2	—	pCi/L	U	U	08-1950	CAPA-08-15016	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.127	1.4	4.7	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.91	1.7	4.9	—	pCi/L	U	U	09-2194	CAPA-09-9354	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-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.44	1.4	5	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	12/2/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.3	1.3	4	—	pCi/L	U	U	09-428	CAPA-09-1194	GELC
R-23i	7011	470.2	9/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.4	1.3	4.1	—	pCi/L	U	U	08-1950	CAPA-08-15018	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.91	1.6	5.5	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.354	1.5	4.7	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	12/2/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.214	1.1	3.7	—	pCi/L	U	U	09-428	CAPA-09-1193	GELC
R-23i	7011	470.2	9/15/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.915	1.5	4.6	—	pCi/L	U	U	08-1950	CAPA-08-15016	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.416	1.9	6.3	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.793	1.3	4.2	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.222	1.4	4.5	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	12/2/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.04	1.4	4.8	—	pCi/L	U	U	09-428	CAPA-09-1194	GELC
R-23i	7011	470.2	9/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0392	1.5	4.9	—	pCi/L	U	U	08-1950	CAPA-08-15018	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.875	0.67	2.2	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.941	0.72	2.4	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.5	0.74	1.9	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	3.5	1.1	2	—	pCi/L	—	—	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.96	0.9	2.2	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.02	0.81	2.4	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.71	0.95	2.9	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	6/20/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.64	0.914	2.96	—	pCi/L	U	U	188427	GF0706GR23I 01	GELC
R-23i	7011	470.2	4/24/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.07	0.805	2.45	—	pCi/L	U	U	184942	GF0704GR23I 01	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.46	0.8	2.5	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.06	0.76	2.1	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.02	0.72	2	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	6/20/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.6	1.14	3.43	—	pCi/L	—	J	188427	GU0706GR23I 01	GELC
R-23i	7011	470.2	4/24/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.89	0.748	2.25	—	pCi/L	U	U	184942	GU0704GR23I 01	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	93.4	45	160	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	24.4	15	35	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	12/2/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	18.9	28	41	—	pCi/L	U	U	09-428	CAPA-09-1193	GELC
R-23i	7011	470.2	9/15/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	16.1	13	26	—	pCi/L	U	U	08-1950	CAPA-08-15016	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	136	48	130	—	pCi/L	—	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	77.6	54	66	—	pCi/L	—	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	23.3	28	49	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	12/2/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	36.6	18	37	—	pCi/L	U	U	09-428	CAPA-09-1194	GELC
R-23i	7011	470.2	9/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	14.3	7.2	30	—	pCi/L	U	U	08-1950	CAPA-08-15018	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.5	14	43	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.48	12	35	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	12/2/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.46	6.3	19	—	pCi/L	U	U	09-428	CAPA-09-1193	GELC
R-23i	7011	470.2	9/15/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-23.8	11	29	—	pCi/L	U	U	08-1950	CAPA-08-15016	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	13.2	12	41	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	29.9	11	38	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-17.6	11	34	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	12/2/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.69	10	36	—	pCi/L	U	U	09-428	CAPA-09-1194	GELC
R-23i	7011	470.2	9/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.98	9.2	28	—	pCi/L	U	U	08-1950	CAPA-08-15018	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.003	0.054	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00882	0.0059	0.025	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	12/2/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0058	0.005	0.036	—	pCi/L	U	U	09-428	CAPA-09-1193	GELC
R-23i	7011	470.2	9/15/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0023	0.032	—	pCi/L	U	U	08-1950	CAPA-08-15016	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00495	0.0033	0.029	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00235	0.01	0.042	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00708	0.005	0.025	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	12/2/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0025	0.031	—	pCi/L	U	U	09-428	CAPA-09-1194	GELC
R-23i	7011	470.2	9/15/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00199	0.01	0.028	—	pCi/L	U	U	08-1950	CAPA-08-15018	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00597	0.0042	0.054	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0043	0.035	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	12/2/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0087	0.0065	0.046	—	pCi/L	U	U	09-428	CAPA-09-1193	GELC
R-23i	7011	470.2	9/15/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00917	0.0046	0.039	—	pCi/L	U	U	08-1950	CAPA-08-15016	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-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0033	0.0023	0.032	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00235	0.0071	0.043	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00177	0.0031	0.035	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	12/2/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00506	0.0062	0.04	—	pCi/L	U	U	09-428	CAPA-09-1194	GELC
R-23i	7011	470.2	9/15/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0119	0.0093	0.034	—	pCi/L	U	U	08-1950	CAPA-08-15018	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	8.35	22	40	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-28.5	17	51	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	12/2/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	11.8	15	53	—	pCi/L	U	U	09-428	CAPA-09-1193	GELC
R-23i	7011	470.2	9/15/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	0.194	18	61	—	pCi/L	U	U	08-1950	CAPA-08-15016	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-30.2	18	56	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-10.2	16	51	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	4.45	18	63	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	12/2/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	39.8	19	76	—	pCi/L	U	U	09-428	CAPA-09-1194	GELC
R-23i	7011	470.2	9/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-17.9	18	56	—	pCi/L	U	U	08-1950	CAPA-08-15018	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	1.35	0.39	0.65	—	pCi/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	9/15/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.135	0.13	0.45	—	pCi/L	U	U	08-1950	CAPA-08-15018	GELC
R-23i	7011	470.2	3/14/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.347	0.14	0.41	—	pCi/L	U	U	08-813	CAPA-08-11023	GELC
R-23i	7011	470.2	12/19/2007	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.411	0.15	0.42	—	pCi/L	U	U	08-437	CAPA-08-9378	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	-0.244	0.21	0.89	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	9/15/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.245	0.18	0.58	—	pCi/L	U	U	08-1950	CAPA-08-15018	GELC
R-23i	7011	470.2	3/14/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.22	0.27	0.93	—	pCi/L	U	U	08-813	CAPA-08-11023	GELC
R-23i	7011	470.2	12/19/2007	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.0178	0.16	0.6	—	pCi/L	U	U	08-437	CAPA-08-9378	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.8	1.5	4.3	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.05	1.4	4.3	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	12/2/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.84	1.4	4.2	—	pCi/L	U	U	09-428	CAPA-09-1193	GELC
R-23i	7011	470.2	9/15/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.61	1.3	4.7	—	pCi/L	U	U	08-1950	CAPA-08-15016	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.88	1.6	4.5	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.36	1.2	4.5	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.77	1.5	5.4	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	12/2/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.239	1.4	4.4	—	pCi/L	U	U	09-428	CAPA-09-1194	GELC
R-23i	7011	470.2	9/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.62	1.3	3.9	—	pCi/L	U	U	08-1950	CAPA-08-15018	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0846	0.13	0.48	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.179	0.091	0.34	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	12/2/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.29	0.14	0.45	—	pCi/L	U	U	09-428	CAPA-09-1193	GELC
R-23i	7011	470.2	9/15/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.103	0.14	0.48	—	pCi/L	U	U	08-1950	CAPA-08-15016	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.128	0.15	0.49	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.123	0.13	0.43	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.156	0.099	0.35	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	12/2/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.213	0.14	0.47	—	pCi/L	U	U	09-428	CAPA-09-1194	GELC
R-23i	7011	470.2	9/15/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.114	0.1	0.36	—	pCi/L	U	U	08-1950	CAPA-08-15018	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.00401	0.0089	0.12	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	-0.00294	0.0043	0.13	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.00242	0.0025	0.044	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	30.3335	0.9579	0.28737	—	pCi/L	—	—	09-3172	CAPA-09-12244	UMTL
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	28.35384	0.92597	0.28737	—	pCi/L	—	—	09-2260	CAPA-09-9354	UMTL
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	29.6949	0.9579	0.28737	—	pCi/L	—	—	09-1038	CAPA-09-4295	UMTL
R-23i	7011	470.2	12/2/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	37.6774	1.2772	0.28737	—	pCi/L	—	—	09-423	CAPA-09-1194	UMTL
R-23i	7011	470.2	9/15/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	36.0809	1.2772	0.28737	—	pCi/L	—	—	08-1962	CAPA-08-15018	UMTL
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.517	0.053	0.11	—	pCi/L	—	—	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.573	0.053	0.075	—	pCi/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	12/2/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.364	0.035	0.053	—	pCi/L	—	—	09-428	CAPA-09-1193	GELC
R-23i	7011	470.2	9/15/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.387	0.05	0.15	—	pCi/L	—	—	08-1950	CAPA-08-15016	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.542	0.059	0.13	—	pCi/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.553	0.058	0.12	—	pCi/L	—	—	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.563	0.051	0.072	—	pCi/L	—	—	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	12/2/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.371	0.036	0.058	—	pCi/L	—	—	09-428	CAPA-09-1194	GELC
R-23i	7011	470.2	9/15/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.447	0.058	0.17	—	pCi/L	—	—	08-1950	CAPA-08-15018	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-23i	7011	470.2	6/4/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0135	0.0083	0.049	—	pCi/L	U	U	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.029	0.0099	0.035	—	pCi/L	U	U	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	12/2/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00593	0.006	0.028	—	pCi/L	U	U	09-428	CAPA-09-1193	GELC
R-23i	7011	470.2	9/15/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0161	0.0094	0.08	—	pCi/L	U	U	08-1950	CAPA-08-15016	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00856	0.0086	0.064	—	pCi/L	U	U	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0152	0.0077	0.056	—	pCi/L	U	U	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0139	0.0081	0.033	—	pCi/L	U	U	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	12/2/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0191	0.0065	0.031	—	pCi/L	U	U	09-428	CAPA-09-1194	GELC
R-23i	7011	470.2	9/15/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00621	0.014	0.092	—	pCi/L	U	U	08-1950	CAPA-08-15018	GELC
R-23i	7011	470.2	6/4/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.294	0.035	0.05	—	pCi/L	—	—	09-2194	CAPA-09-9353	GELC
R-23i	7011	470.2	2/24/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.31	0.033	0.044	—	pCi/L	—	—	09-1003	CAPA-09-4293	GELC
R-23i	7011	470.2	12/2/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.157	0.02	0.034	—	pCi/L	—	—	09-428	CAPA-09-1193	GELC
R-23i	7011	470.2	9/15/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.2	0.033	0.078	—	pCi/L	—	—	08-1950	CAPA-08-15016	GELC
R-23i	7011	470.2	9/8/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.246	0.037	0.064	—	pCi/L	—	—	09-3171	CAPA-09-12244	GELC
R-23i	7011	470.2	6/4/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.332	0.04	0.056	—	pCi/L	—	—	09-2194	CAPA-09-9354	GELC
R-23i	7011	470.2	2/24/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.293	0.031	0.043	—	pCi/L	—	—	09-1003	CAPA-09-4295	GELC
R-23i	7011	470.2	12/2/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.188	0.022	0.036	—	pCi/L	—	—	09-428	CAPA-09-1194	GELC
R-23i	7011	470.2	9/15/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.166	0.033	0.09	—	pCi/L	—	—	08-1950	CAPA-08-15018	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	0.992	—	—	0.73	mg/L	J	J	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1	—	—	0.73	mg/L	U	U	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	1	—	—	0.73	mg/L	U	U	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	<	0.725	—	—	0.725	mg/L	U	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3	—	1.24	—	—	0.725	mg/L	—	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	71.4	—	—	0.73	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.5	—	—	0.73	mg/L	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	74.8	—	—	0.73	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	73.5	—	—	0.725	mg/L	—	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	78.7	—	—	0.725	mg/L	—	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.1	—	—	0.05	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.6	—	—	0.03	mg/L	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.6	—	—	0.03	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.9	—	—	0.036	mg/L	—	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.2	—	—	0.036	mg/L	—	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.3	—	—	0.05	mg/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.7	—	—	0.03	mg/L	—	—	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	0.03	mg/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	19.2	—	—	0.036	mg/L	—	—	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	20.4	—	—	0.036	mg/L	—	—	184854	GU0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.97	—	—	0.066	mg/L	—	J+	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.42	—	—	0.066	mg/L	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	9.13	—	—	0.066	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.4	—	—	0.066	mg/L	—	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	8.33	—	—	0.066	mg/L	—	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.391	—	—	0.033	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.234	—	—	0.033	mg/L	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.264	—	—	0.033	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.236	—	—	0.033	mg/L	—	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.242	—	—	0.033	mg/L	—	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73.7	—	—	0.35	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	75.3	—	—	0.35	mg/L	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	79.2	—	—	0.35	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.6	—	—	0.44	mg/L	—	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73.3	—	—	0.44	mg/L	—	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	74.3	—	—	0.35	mg/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	79	—	—	0.35	mg/L	—	—	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	80	—	—	0.35	mg/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	69.9	—	—	0.44	mg/L	—	—	188427	GU0706GR23I 02	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-23i	7021	524	4/23/2007	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	74.1	—	—	0.44	mg/L	—	—	184854	GU0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.69	—	—	0.085	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.78	—	—	0.085	mg/L	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.12	—	—	0.085	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.57	—	—	0.085	mg/L	—	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.57	—	—	0.085	mg/L	—	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.74	—	—	0.085	mg/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.06	—	—	0.085	mg/L	—	—	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.17	—	—	0.085	mg/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.35	—	—	0.085	mg/L	—	—	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.64	—	—	0.085	mg/L	—	—	184854	GU0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.895	—	—	0.05	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.227	—	—	0.01	mg/L	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.795	—	—	0.05	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.93	—	—	0.05	mg/L	—	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.84	—	—	0.05	mg/L	—	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.277	—	—	0.05	ug/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.213	—	—	0.05	ug/L	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.235	—	—	0.05	ug/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	3/14/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.274	—	—	0.05	ug/L	—	—	08-813	CAPA-08-11062	GELC
R-23i	7021	524	9/7/2007	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.258	—	—	0.05	ug/L	—	J	193317	GF0709GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.49	—	—	0.05	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.49	—	—	0.05	mg/L	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.58	—	—	0.05	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.52	—	—	0.05	mg/L	—	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.5	—	—	0.05	mg/L	—	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.53	—	—	0.05	mg/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.6	—	—	0.05	mg/L	—	—	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.61	—	—	0.05	mg/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.46	—	—	0.05	mg/L	—	—	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.46	—	—	0.05	mg/L	—	—	184854	GU0704GR23I 02	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	43.5	—	—	0.032	mg/L	—	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	42.5	—	—	0.032	mg/L	—	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	0.1	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.7	—	—	0.045	mg/L	N	J+	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.045	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.045	mg/L	—	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.045	mg/L	—	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	0.1	mg/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.2	—	—	0.045	mg/L	N	J+	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.045	mg/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	0.045	mg/L	—	—	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.1	—	—	0.045	mg/L	—	—	184854	GU0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	209	—	—	1	uS/cm	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	333	—	—	1	uS/cm	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	200	—	—	1	uS/cm	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.24	—	—	0.1	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.44	—	—	0.1	mg/L	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.72	—	—	0.1	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.71	—	—	0.1	mg/L	—	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.8	—	—	0.1	mg/L	—	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.4	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	151	—	—	2.4	mg/L	—	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.4	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	161	—	—	2.38	mg/L	H	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.38	mg/L	—	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.18	—	—	0.01	SU	H	J-	09-3180	CAPA-09-12249	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-23i	7021	524	6/10/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.11	—	—	0.01	SU	H	J-	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.31	—	—	0.01	SU	H	J-	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.58	—	—	1.5	ug/L	J	J	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.7	—	—	1.5	ug/L	J	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.9	—	—	1.5	ug/L	J	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.86	—	—	1.5	ug/L	J	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2	—	—	1.5	ug/L	J	—	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.7	—	—	1.5	ug/L	J	—	184854	GU0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	8.64	—	—	1	ug/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	7.12	—	—	1	ug/L	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.5	—	—	1	ug/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	9.2	—	—	1	ug/L	—	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	10.7	—	—	1	ug/L	—	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	8.55	—	—	1	ug/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	7.63	—	—	1	ug/L	—	—	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.1	—	—	1	ug/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	9.1	—	—	1	ug/L	—	—	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	10.5	—	—	1	ug/L	—	—	184854	GU0704GR23I 02	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	18	—	—	18	ug/L	U	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	99.9	—	—	18	ug/L	J	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	32.4	—	—	30	ug/L	J	J	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	38.4	—	—	25	ug/L	J	J	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	25.5	—	—	18	ug/L	J	—	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	65.8	—	—	18	ug/L	J	—	184854	GU0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.35	—	—	0.1	ug/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.71	—	—	0.1	ug/L	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	0.1	ug/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2	ug/L	U	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2	ug/L	U	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.43	—	—	0.1	ug/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.71	—	—	0.1	ug/L	—	—	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	0.1	ug/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2	ug/L	U	—	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2	—	—	2	ug/L	U	—	184854	GU0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.602	—	—	0.5	ug/L	J	J	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.766	—	—	0.5	ug/L	J	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.73	—	—	0.5	ug/L	J	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.97	—	—	0.5	ug/L	J	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.651	—	—	0.5	ug/L	J	J	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.77	—	—	0.5	ug/L	J	J	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.56	—	—	0.5	ug/L	J	J	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.75	—	—	0.5	ug/L	J	—	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.1	—	—	0.5	ug/L	—	—	184854	GU0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	43.8	—	—	0.053	mg/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	41800	—	—	0.032	mg/L	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44.7	—	—	0.032	mg/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	98.2	—	—	1	ug/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	92.9	—	—	1	ug/L	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	97.9	—	—	1	ug/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	93.7	—	—	1	ug/L	—	—	188427	GF0706GR23I 02	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-23i	7021	524	4/23/2007	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	94.8	—	—	1	ug/L	—	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	98.1	—	—	1	ug/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	96.6	—	—	1	ug/L	—	—	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	99	—	—	1	ug/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	91.9	—	—	1	ug/L	—	—	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	95.3	—	—	1	ug/L	—	—	184854	GU0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.646	—	—	0.05	ug/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.772	—	—	0.05	ug/L	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.62	—	—	0.05	ug/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.6	—	—	0.05	ug/L	—	U	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.66	—	—	0.05	ug/L	—	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.68	—	—	0.05	ug/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.752	—	—	0.05	ug/L	—	—	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.64	—	—	0.05	ug/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.6	—	—	0.05	ug/L	—	U	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.61	—	—	0.05	ug/L	—	—	184854	GU0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.67	—	—	1	ug/L	—	—	09-3180	CAPA-09-12249	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.86	—	—	1	ug/L	J	J	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.9	—	—	1	ug/L	—	—	09-1022	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.8	—	—	1	ug/L	J	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.6	—	—	1	ug/L	—	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.96	—	—	1	ug/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.5	—	—	1	ug/L	—	—	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.8	—	—	1	ug/L	—	—	09-1022	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5	—	—	1	ug/L	—	—	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.2	—	—	1	ug/L	—	—	184854	GU0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Pest	SW-846:8081A	Endrin Aldehyde	—	0.00722	—	—	0.0056	ug/L	J	J	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Pest	SW-846:8081A	Endrin Aldehyde	<	0.0408	—	—	0.0051	ug/L	U	—	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Pest	SW-846:8081A	Endrin Aldehyde	<	0.0412	—	—	0.00515	ug/L	U	UJ	184854	GU0704GR23I 02	GELC
R-23i	7021	524	2/26/2007	WG	UF	CS	—	Pest	SW-846:8081A	Endrin Aldehyde	<	0.0408	—	—	0.0051	ug/L	U	—	181512	GU0702GR23I 02	GELC
R-23i	7021	524	10/11/2006	WG	UF	CS	—	Pest	SW-846:8081A	Endrin Aldehyde	<	0.0417	—	—	0.00521	ug/L	U	—	173985	GU0609GR23I 03	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00722	0.0088	0.034	—	pCi/L	U	U	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.002	0.0059	0.04	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00621	0.00857	0.0359	—	pCi/L	U	U	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00543	0.00281	0.0397	—	pCi/L	U	U	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00286	0.0055	0.04	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00443	0.01	0.038	—	pCi/L	U	U	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00353	0.0063	0.038	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0092	0.00949	0.033	—	pCi/L	U	U	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00751	0.00559	0.0498	—	pCi/L	U	U	184854	GU0704GR23I 02	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.93	1.8	5	—	pCi/L	U	U	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.658	1.4	4.4	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.586	1.46	4.71	—	pCi/L	U	U	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.385	1.34	4.41	—	pCi/L	U	U	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.12	1.5	4.6	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-5.06	2.1	5.9	—	pCi/L	U	U	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.31	1.6	4.2	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.519	0.986	3.39	—	pCi/L	U	U	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.17	1.24	4.49	—	pCi/L	U	U	184854	GU0704GR23I 02	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.03	1.8	5.7	—	pCi/L	U	U	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.127	1.3	4.3	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.938	1.33	4.69	—	pCi/L	U	U	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.276	1.37	4.56	—	pCi/L	U	U	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.264	1.8	6	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.533	1.5	5	—	pCi/L	U	U	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.223	1.6	5.2	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.06	0.906	3.29	—	pCi/L	U	U	188427	GU0706GR23I 02	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-23i	7021	524	4/23/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.24	1.52	3.54	—	pCi/L	U	U	184854	GU0704GR23I 02	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.822	0.52	1.6	—	pCi/L	U	U	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.61	1.1	2.8	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.561	0.53	2	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.191	0.33	1.7	—	pCi/L	U	U	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.898	0.73	2.5	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.26	0.93	2.1	—	pCi/L	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.29	1	2.8	—	pCi/L	—	—	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.68	1.14	3.06	—	pCi/L	—	J	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.86	0.773	2.38	—	pCi/L	U	U	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	6.49	1.2	2.6	—	pCi/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.63	0.8	2.1	—	pCi/L	—	—	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.03	0.9	2.8	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.74	0.956	2.86	—	pCi/L	U	U	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.46	0.676	2.11	—	pCi/L	U	U	184854	GU0704GR23I 02	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	99.1	73	110	—	pCi/L	U	U	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	8.19	10	21	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	56.1	31.7	191	—	pCi/L	U	U	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	75.5	45.6	176	—	pCi/L	U	U	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	119	41	100	—	pCi/L	—	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	143	71	150	—	pCi/L	U	U	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	1.98	5.6	15	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	64.1	42.6	218	—	pCi/L	U	U	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	125	89.5	271	—	pCi/L	U	U	184854	GU0704GR23I 02	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	19.7	9	30	—	pCi/L	U	U	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.87	9.8	32	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.848	11.6	39	—	pCi/L	U	U	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.49	10.6	33.2	—	pCi/L	U	U	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.31	11	38	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	15.6	9.7	26	—	pCi/L	U	U	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.57	11	34	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.75	7.34	23	—	pCi/L	U	U	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.5	11.9	35.2	—	pCi/L	U	U	184854	GU0704GR23I 02	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00426	0.0037	0.038	—	pCi/L	U	U	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00647	0.0065	0.031	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00574	0.00507	0.0268	—	pCi/L	U	U	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00212	0.0106	0.0308	—	pCi/L	U	U	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00182	0.0026	0.032	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0023	0.042	—	pCi/L	U	U	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00197	0.0071	0.028	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00637	0.00451	0.0223	—	pCi/L	U	U	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00456	0.00558	0.0331	—	pCi/L	U	U	184854	GU0704GR23I 02	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00851	0.006	0.039	—	pCi/L	U	U	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00647	0.0057	0.043	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00765	0.00384	0.0297	—	pCi/L	U	U	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-2.02E-09	0.00849	0.0362	—	pCi/L	U	U	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0163	0.0055	0.036	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0047	0.043	—	pCi/L	U	U	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00197	0.0034	0.04	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00159	0.00528	0.0247	—	pCi/L	U	U	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00911	0.00967	0.0388	—	pCi/L	U	U	184854	GU0704GR23I 02	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	2.49	18	57	—	pCi/L	U	U	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	5.27	18	61	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	53.4	19.1	73.3	—	pCi/L	U	U	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	5.62	16.7	57	—	pCi/L	U	U	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-29.7	19	57	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	12.9	18	63	—	pCi/L	U	U	09-2273	CAPA-09-9361	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-23i	7021	524	2/25/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-7.89	19	64	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	14.2	11	40.1	—	pCi/L	U	U	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.2	16.8	48.4	—	pCi/L	U	U	184854	GU0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.157	0.13	0.47	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	3/14/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.932	0.21	0.26	—	pCi/L	—	—	08-813	CAPA-08-11063	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.383	0.29	0.97	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	3/14/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.317	0.2	0.64	—	pCi/L	U	U	08-813	CAPA-08-11063	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.356	1.9	5.8	—	pCi/L	U	U	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.82	1.2	3.3	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.23	1.55	4.57	—	pCi/L	U	U	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.34	1.47	4.47	—	pCi/L	U	U	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.617	1.6	5.4	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.737	1.8	5.4	—	pCi/L	U	U	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.31	1.8	4.3	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.776	0.946	2.78	—	pCi/L	U	U	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.683	1.15	3.98	—	pCi/L	U	U	184854	GU0704GR23I 02	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.277	0.14	0.43	—	pCi/L	U	U	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.124	0.066	0.25	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.312	0.122	0.386	—	pCi/L	U	U	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.208	0.0928	0.407	—	pCi/L	U	U	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0882	0.14	0.5	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.102	0.14	0.48	—	pCi/L	U	U	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00182	0.12	0.4	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0874	0.131	0.493	—	pCi/L	U	U	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.227	0.0987	0.433	—	pCi/L	U	U	184854	GU0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.00173	0.0076	0.11	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.00331	0.0027	0.12	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.00467	0.0032	0.04	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	36.4002	1.2772	0.28737	—	pCi/L	—	—	09-3246	CAPA-09-12246	UMTL
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	32.2493	0.9579	0.28737	—	pCi/L	—	—	09-2354	CAPA-09-9361	UMTL
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	33.5265	1.2772	0.28737	—	pCi/L	—	—	09-1038	CAPA-09-4298	UMTL
R-23i	7021	524	6/11/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	34.4844	1.2772	0.28737	—	pCi/L	—	—	08-1378	CAPA-08-13158	UMTL
R-23i	7021	524	3/14/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	32.5686	0.9579	0.28737	—	pCi/L	—	—	08-820	CAPA-08-11063	UMTL
R-23i	7021	524	6/10/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.488	0.054	0.13	—	pCi/L	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.311	0.032	0.067	—	pCi/L	—	—	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.381	0.0368	0.0339	—	pCi/L	—	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.356	0.0397	0.0791	—	pCi/L	—	—	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.33	0.039	0.1	—	pCi/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.524	0.055	0.12	—	pCi/L	—	—	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.374	0.038	0.077	—	pCi/L	—	—	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.365	0.0377	0.0356	—	pCi/L	—	—	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.364	0.0407	0.081	—	pCi/L	—	J	184854	GU0704GR23I 02	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00813	0.0081	0.06	—	pCi/L	U	U	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00433	0.0043	0.031	—	pCi/L	U	U	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0412	0.0127	0.0454	—	pCi/L	U	U	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0182	0.0082	0.0464	—	pCi/L	U	U	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0104	0.0078	0.052	—	pCi/L	U	U	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0227	0.011	0.056	—	pCi/L	U	U	09-2273	CAPA-09-9361	GELC
R-23i	7021	524	2/25/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0347	0.0096	0.036	—	pCi/L	U	U	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0154	0.00823	0.0477	—	pCi/L	U	U	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0223	0.0119	0.0475	—	pCi/L	U	U	184854	GU0704GR23I 02	GELC
R-23i	7021	524	6/10/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.197	0.03	0.06	—	pCi/L	—	—	09-2273	CAPA-09-9360	GELC
R-23i	7021	524	2/25/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.156	0.02	0.04	—	pCi/L	—	—	09-1023	CAPA-09-4299	GELC
R-23i	7021	524	6/20/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.193	0.0241	0.0452	—	pCi/L	—	—	188427	GF0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.194	0.0272	0.0743	—	pCi/L	—	J	184854	GF0704GR23I 02	GELC
R-23i	7021	524	9/9/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.174	0.026	0.051	—	pCi/L	—	—	09-3180	CAPA-09-12246	GELC
R-23i	7021	524	6/10/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.242	0.033	0.056	—	pCi/L	—	—	09-2273	CAPA-09-9361	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-23i	7021	524	2/25/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.2	0.024	0.046	—	pCi/L	—	—	09-1023	CAPA-09-4298	GELC
R-23i	7021	524	6/20/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.167	0.0234	0.0475	—	pCi/L	—	—	188427	GU0706GR23I 02	GELC
R-23i	7021	524	4/23/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.199	0.0282	0.0761	—	pCi/L	—	—	184854	GU0704GR23I 02	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	—	0.000000706	—	—	0.000000706	ug/L	J	J	09-3050	CAPA-09-12277	ALTC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	<	0.00000487	—	—	0.00000487	ug/L	U	U	09-2235	CAPA-09-9418	ALTC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	<	0.00000276	—	—	0.00000276	ug/L	U	U	09-1037	CAPA-09-4358	ALTC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	—	0.00000186	—	—	0.00000186	ug/L	B	J	09-3050	CAPA-09-12277	ALTC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	<	0.00000487	—	—	0.00000487	ug/L	U	U	09-2235	CAPA-09-9418	ALTC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	<	0.00000276	—	—	0.00000276	ug/L	U	U	09-1037	CAPA-09-4358	ALTC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.5	—	—	0.73	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.6	—	—	0.73	mg/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.1	—	—	0.73	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	70	—	—	0.73	mg/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	0.05	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.2	—	—	0.03	mg/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.9	—	—	0.03	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.9	—	—	0.03	mg/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.2	—	—	0.05	mg/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	0.03	mg/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.3	—	—	0.03	mg/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.4	—	—	0.03	mg/L	—	—	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.85	—	—	0.066	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.97	—	—	0.066	mg/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.09	—	—	0.066	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.95	—	—	0.066	mg/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.363	—	—	0.033	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.324	—	—	0.033	mg/L	—	J-	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.368	—	—	0.033	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.312	—	—	0.033	mg/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.3	—	—	0.35	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	60.6	—	—	0.35	mg/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59.1	—	—	0.35	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59.1	—	—	0.35	mg/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.2	—	—	0.35	mg/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	59.1	—	—	0.35	mg/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	60.9	—	—	0.35	mg/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61.1	—	—	0.35	mg/L	—	—	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.77	—	—	0.085	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.92	—	—	0.085	mg/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.72	—	—	0.085	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.69	—	—	0.085	mg/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.78	—	—	0.085	mg/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.76	—	—	0.085	mg/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.9	—	—	0.085	mg/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.89	—	—	0.085	mg/L	—	—	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.203	—	—	0.01	mg/L	—	J	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.28	—	—	0.01	mg/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.98	—	—	0.05	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	1.16	—	—	0.05	mg/L	—	J-	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	9/8/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.955	—	—	0.05	mg/L	—	—	08-1869	CAPA-08-15081	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.363	—	—	0.05	ug/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.331	—	—	0.05	ug/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.333	—	—	0.05	ug/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.34	—	—	0.05	ug/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	0.05	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.69	—	—	0.05	mg/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.59	—	—	0.05	mg/L	—	—	09-1030	CAPA-09-4356	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-32	8421	867.5	12/15/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.56	—	—	0.05	mg/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	0.05	mg/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.67	—	—	0.05	mg/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.63	—	—	0.05	mg/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.62	—	—	0.05	mg/L	—	—	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.5	—	—	0.1	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.045	mg/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.7	—	—	0.045	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	0.045	mg/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	0.1	mg/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.045	mg/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.045	mg/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.045	mg/L	—	—	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	168	—	—	1	uS/cm	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	162	—	—	1	uS/cm	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	161	—	—	1	uS/cm	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	167	—	—	1	uS/cm	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.86	—	—	0.1	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.09	—	—	0.1	mg/L	—	J	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.42	—	—	0.1	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.27	—	—	0.1	mg/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	161	—	—	2.4	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.4	mg/L	—	J	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	145	—	—	2.4	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.4	mg/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.061	—	—	0.015	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.032	—	—	0.015	mg/L	J	J	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.091	—	—	0.024	mg/L	—	U	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.068	—	—	0.024	mg/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	9/8/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.026	—	—	0.024	mg/L	J	J	08-1869	CAPA-08-15081	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.4	—	—	0.01	SU	H	J-	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.55	—	—	0.01	SU	H	J-	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.49	—	—	0.01	SU	H	J-	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.44	—	—	0.01	SU	H	J-	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	43	—	—	1	ug/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.9	—	—	1	ug/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	40.6	—	—	1	ug/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	42.1	—	—	1	ug/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	42.8	—	—	1	ug/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.1	—	—	1	ug/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	43.4	—	—	1	ug/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	42.9	—	—	1	ug/L	—	—	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	5.18	—	—	2.5	ug/L	J	J	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	ug/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	2.6	—	—	1.5	ug/L	J	U	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	1.9	—	—	1.5	ug/L	J	J	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.92	—	—	2.5	ug/L	J	J	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.22	—	—	2.5	ug/L	J	J	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3.3	—	—	1.5	ug/L	—	U	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.2	—	—	1.5	ug/L	J	J	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	67.2	—	—	25	ug/L	J	J	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	29.8	—	—	25	ug/L	J	J	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	35.6	—	—	30	ug/L	J	J	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	208	—	—	25	ug/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	66.2	—	—	25	ug/L	J	J	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	62	—	—	25	ug/L	J	J	09-530	CAPA-09-1240	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-32	8421	867.5	8/31/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.15	—	—	2	ug/L	J	J	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	8.89	—	—	2	ug/L	J	J	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4	—	—	2	ug/L	J	J	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.4	—	—	2	ug/L	J	J	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.26	—	—	2	ug/L	J	J	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.4	—	—	2	ug/L	J	J	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.2	—	—	2	ug/L	J	J	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.6	—	—	2	ug/L	J	J	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.09	—	—	0.1	ug/L	—	J	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.07	—	—	0.1	ug/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.1	—	—	0.1	ug/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.2	—	—	0.1	ug/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.14	—	—	0.1	ug/L	—	J	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.12	—	—	0.1	ug/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.1	—	—	0.1	ug/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.3	—	—	0.1	ug/L	—	—	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1	ug/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1	ug/L	U	U	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1	ug/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.14	—	—	1	ug/L	J	J	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1	ug/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1	ug/L	U	U	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Metals	SW-846:6020	Selenium	<	5	—	—	1	ug/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.7	—	—	0.053	mg/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63.4	—	—	0.032	mg/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	65.6	—	—	0.032	mg/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	61.9	—	—	0.032	mg/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	78.7	—	—	1	ug/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	78.6	—	—	1	ug/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	75.7	—	—	1	ug/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	73.4	—	—	1	ug/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	77.9	—	—	1	ug/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	77.6	—	—	1	ug/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	77.8	—	—	1	ug/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	75.8	—	—	1	ug/L	—	—	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.782	—	—	0.05	ug/L	—	J	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.801	—	—	0.05	ug/L	—	J	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.8	—	—	0.05	ug/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.8	—	—	0.05	ug/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.815	—	—	0.05	ug/L	—	J	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.912	—	—	0.05	ug/L	—	J	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.81	—	—	0.05	ug/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.84	—	—	0.05	ug/L	—	—	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.39	—	—	1	ug/L	J	J	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.61	—	—	1	ug/L	J	J	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4	—	—	1	ug/L	J	J	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	3.3	—	—	1	ug/L	J	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.47	—	—	1	ug/L	J	J	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.1	—	—	1	ug/L	J	J	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.8	—	—	1	ug/L	J	J	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.5	—	—	1	ug/L	J	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	8/31/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	27.2	—	—	3.3	ug/L	—	—	09-3055	CAPA-09-12278	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	27.6	—	—	2	ug/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	44.9	—	—	2	ug/L	—	—	09-1030	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	39.6	—	—	2	ug/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	32.9	—	—	3.3	ug/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	18.2	—	—	2	ug/L	—	—	09-2239	CAPA-09-9418	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-32	8421	867.5	2/26/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	49.2	—	—	2	ug/L	—	—	09-1030	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	43.4	—	—	2	ug/L	—	—	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00243	0.002	0.027	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00906	0.0085	0.04	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00192	0.0044	0.024	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	9/8/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00191	0.0032	0.031	—	pCi/L	U	U	08-1870	CAPA-08-15081	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00493	0.0036	0.039	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00705	0.0033	0.027	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00181	0.0029	0.038	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	0.0046	0.027	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	9/8/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00275	0.0042	0.027	—	pCi/L	U	U	08-1870	CAPA-08-15079	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.8	1.2	3.5	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.893	1.2	4.1	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.382	1.1	3.5	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	9/8/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.133	1.1	3.8	—	pCi/L	U	U	08-1870	CAPA-08-15081	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.154	1.4	4.7	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.379	1.5	4.8	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.31	1.4	5	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.441	1.1	3.9	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	9/8/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.804	1.3	4.5	—	pCi/L	U	U	08-1870	CAPA-08-15079	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.439	1	3.6	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.457	1.2	3.6	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.184	1.2	3.9	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	9/8/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.1	1.2	4.7	—	pCi/L	U	U	08-1870	CAPA-08-15081	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.27	1.3	4.6	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.76	1.3	3.5	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.532	1.4	4.7	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.39	1.1	3.4	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	9/8/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.176	1.3	4.4	—	pCi/L	U	U	08-1870	CAPA-08-15079	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.07	0.63	2	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.43	0.64	1.7	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.582	0.64	2.4	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.882	0.6	2	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.09	0.71	2.2	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	—	6.34	1.1	2.1	—	pCi/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.17	0.65	1.6	—	pCi/L	—	—	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2	0.64	1.8	—	pCi/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.11	0.67	2.1	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.36	0.55	1.4	—	pCi/L	—	—	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	15.9	8.6	28	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	22.9	20	35	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	36.1	19	42	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	9/8/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	6.88	9.3	14	—	pCi/L	U	U	08-1870	CAPA-08-15081	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	74.1	33	83	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	22.1	28	33	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	10.3	29	33	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	24.6	12	36	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	9/8/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	4.57	8.4	17	—	pCi/L	U	U	08-1870	CAPA-08-15079	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.8	12	37	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.72	10	34	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.2	9.4	31	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	9/8/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.2	9.1	30	—	pCi/L	U	U	08-1870	CAPA-08-15081	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	0.265	10	34	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	24.2	12	39	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.04	11	35	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.66	8	25	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	9/8/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.07	9.6	30	—	pCi/L	U	U	08-1870	CAPA-08-15079	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-32	8421	867.5	6/8/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00213	0.0037	0.038	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00569	0.0057	0.027	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00317	0.0071	0.039	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	9/8/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00255	0.0057	0.039	—	pCi/L	U	U	08-1870	CAPA-08-15081	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00385	0.011	0.04	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00399	0.0035	0.036	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00208	0.0075	0.03	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0084	0.037	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	9/8/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0029	0.005	0.044	—	pCi/L	U	U	08-1870	CAPA-08-15079	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00638	0.0048	0.039	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00379	0.0027	0.038	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00634	0.0064	0.05	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	9/8/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00255	0.0085	0.044	—	pCi/L	U	U	08-1870	CAPA-08-15081	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0115	0.0047	0.045	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00598	0.0045	0.036	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0187	0.0081	0.042	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0042	0.047	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	9/8/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0145	0.0077	0.05	—	pCi/L	U	U	08-1870	CAPA-08-15079	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	2.15	18	64	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.5	18	56	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.7	14	42	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	9/8/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-0.654	14	51	—	pCi/L	U	U	08-1870	CAPA-08-15081	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.83	18	62	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	15.6	18	59	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-27.3	18	54	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-37.6	14	39	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	9/8/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-13.7	13	43	—	pCi/L	U	U	08-1870	CAPA-08-15079	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.169	0.17	0.62	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	9/8/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.316	0.16	0.48	—	pCi/L	U	U	08-1870	CAPA-08-15079	GELC
R-32	8421	867.5	3/4/2008	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.448	0.17	0.49	—	pCi/L	U	U	08-743	CAPA-08-11055	GELC
R-32	8421	867.5	12/14/2007	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.263	0.16	0.5	—	pCi/L	U	U	08-401	CAPA-08-9338	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.663	0.26	0.75	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	9/8/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.347	0.14	0.39	—	pCi/L	U	U	08-1870	CAPA-08-15079	GELC
R-32	8421	867.5	3/4/2008	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.623	0.24	0.69	—	pCi/L	U	U	08-743	CAPA-08-11055	GELC
R-32	8421	867.5	12/14/2007	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	-0.0149	0.11	0.42	—	pCi/L	U	U	08-401	CAPA-08-9338	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.161	1.1	3.6	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.71	1.1	2.8	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.543	1	3.5	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	9/8/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.28	1.3	3.7	—	pCi/L	U	U	08-1870	CAPA-08-15081	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.42	1.4	4.4	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.97	1.3	3.5	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.417	1.4	4.7	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.956	1.1	3.9	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	9/8/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.194	1.2	3.9	—	pCi/L	U	U	08-1870	CAPA-08-15079	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.074	0.11	0.38	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.101	0.11	0.4	—	pCi/L	U	U	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.269	0.11	0.35	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	9/8/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0604	0.12	0.47	—	pCi/L	U	U	08-1870	CAPA-08-15081	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.27	0.092	0.29	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.173	0.13	0.46	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.109	0.1	0.36	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0977	0.084	0.3	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	9/8/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.178	0.11	0.5	—	pCi/L	U	U	08-1870	CAPA-08-15079	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.00991	0.0065	0.095	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0404	0.011	0.1	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.00338	0.0038	0.034	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.09579	0.28737	0.28737	—	pCi/L	U	U	09-3086	CAPA-09-12277	UMTL

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-32	8421	867.5	6/8/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.03193	0.28737	0.28737	—	pCi/L	U	U	09-2260	CAPA-09-9418	UMTL
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.03193	0.28737	0.28737	—	pCi/L	U	U	09-1038	CAPA-09-4358	UMTL
R-32	8421	867.5	9/8/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.38316	0.28737	0.28737	—	pCi/L	—	U	08-1900	CAPA-08-15079	UMTL
R-32	8421	867.5	12/14/2007	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	0.28737	0.28737	—	pCi/L	U	U	08-421	CAPA-08-9338	UMTL
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.471	0.049	0.1	—	pCi/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.481	0.044	0.065	—	pCi/L	—	—	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.535	0.049	0.064	—	pCi/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	9/8/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.531	0.045	0.066	—	pCi/L	—	—	08-1870	CAPA-08-15081	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.491	0.044	0.062	—	pCi/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.552	0.056	0.11	—	pCi/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.489	0.044	0.067	—	pCi/L	—	—	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.577	0.052	0.066	—	pCi/L	—	—	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	9/8/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.522	0.043	0.061	—	pCi/L	—	—	08-1870	CAPA-08-15079	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0128	0.0091	0.047	—	pCi/L	U	U	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0334	0.0087	0.03	—	pCi/L	—	—	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0237	0.0077	0.034	—	pCi/L	U	U	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	9/8/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0143	0.0068	0.035	—	pCi/L	U	U	08-1870	CAPA-08-15081	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0253	0.0081	0.031	—	pCi/L	U	U	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.01	0.01	0.049	—	pCi/L	U	U	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.026	0.0083	0.031	—	pCi/L	U	U	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0316	0.01	0.035	—	pCi/L	U	U	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	9/8/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0307	0.009	0.033	—	pCi/L	U	U	08-1870	CAPA-08-15079	GELC
R-32	8421	867.5	6/8/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.208	0.028	0.047	—	pCi/L	—	—	09-2239	CAPA-09-9420	GELC
R-32	8421	867.5	2/26/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.235	0.026	0.039	—	pCi/L	—	—	09-1032	CAPA-09-4356	GELC
R-32	8421	867.5	12/15/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.263	0.029	0.04	—	pCi/L	—	—	09-530	CAPA-09-1242	GELC
R-32	8421	867.5	9/8/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.22	0.024	0.035	—	pCi/L	—	—	08-1870	CAPA-08-15081	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.246	0.027	0.031	—	pCi/L	—	—	09-3055	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.251	0.032	0.049	—	pCi/L	—	—	09-2239	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.221	0.025	0.04	—	pCi/L	—	—	09-1032	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.242	0.028	0.041	—	pCi/L	—	—	09-530	CAPA-09-1240	GELC
R-32	8421	867.5	9/8/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.289	0.028	0.032	—	pCi/L	—	—	08-1870	CAPA-08-15079	GELC
R-32	8421	867.5	8/31/2009	WG	UF	CS	—	Voa	SW-846:8260B	Isopropylbenzene	—	0.272	—	—	0.25	ug/L	J	J	09-3054	CAPA-09-12277	GELC
R-32	8421	867.5	6/8/2009	WG	UF	CS	—	Voa	SW-846:8260B	Isopropylbenzene	<	1	—	—	0.25	ug/L	U	UJ	09-2238	CAPA-09-9418	GELC
R-32	8421	867.5	2/26/2009	WG	UF	CS	—	Voa	SW-846:8260B	Isopropylbenzene	<	1	—	—	0.25	ug/L	U	U	09-1031	CAPA-09-4358	GELC
R-32	8421	867.5	12/15/2008	WG	UF	CS	—	Voa	SW-846:8260B	Isopropylbenzene	<	1	—	—	0.25	ug/L	U	U	09-529	CAPA-09-1240	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	—	0.000000869	—	—	0.000000869	ug/L	J	J	09-2992	CAMO-09-9912	ALTC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	<	0.00000332	—	—	0.00000332	ug/L	U	U	09-2603	CAMO-09-10532	ALTC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	—	0.00000239	—	—	0.00000239	ug/L	—	—	09-2992	CAMO-09-9912	ALTC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	<	0.00000332	—	—	0.00000332	ug/L	U	U	09-2603	CAMO-09-10532	ALTC
R-37	8821	929.3	8/20/2009	WG	UF	CS	EQB	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	—	0.00000306	—	—	0.00000306	ug/L	J	J	09-2992	CAMO-09-12351	ALTC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	<	0.00000338	—	—	0.00000338	ug/L	U	U	09-2603	CAMO-09-10532	ALTC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	97.7	—	—	0.73	mg/L	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	93.2	—	—	0.73	mg/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.042	—	—	0.016	mg/L	J	J	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.044	—	—	0.016	mg/L	J	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.7	—	—	0.05	mg/L	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.2	—	—	0.05	mg/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	25.9	—	—	0.05	mg/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.4	—	—	0.05	mg/L	—	—	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.56	—	—	0.066	mg/L	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.82	—	—	0.066	mg/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.646	—	—	0.033	mg/L	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.653	—	—	0.033	mg/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	87.3	—	—	0.35	mg/L	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	73.1	—	—	0.35	mg/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	87.6	—	—	0.35	mg/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	74.5	—	—	0.35	mg/L	—	—	09-2602	CAMO-09-10532	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-37	8821	929.3	8/20/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.62	—	—	0.085	mg/L	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.89	—	—	0.085	mg/L	E	J	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.6	—	—	0.085	mg/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.13	—	—	0.085	mg/L	E	—	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.444	—	—	0.05	mg/L	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.81	—	—	0.05	mg/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.435	—	—	0.05	ug/L	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.613	—	—	0.05	ug/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.84	—	—	0.05	mg/L	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.11	—	—	0.05	mg/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.87	—	—	0.05	mg/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.17	—	—	0.05	mg/L	—	—	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15	—	—	0.1	mg/L	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.9	—	—	0.1	mg/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.7	—	—	0.1	mg/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	0.1	mg/L	—	—	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	241	—	—	1	uS/cm	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	214	—	—	1	uS/cm	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	10.3	—	—	0.1	mg/L	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.31	—	—	0.1	mg/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	174	—	—	2.4	mg/L	—	J	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	163	—	—	2.4	mg/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.564	—	—	0.33	mg/L	J	J	09-2982	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.601	—	—	0.33	mg/L	J	J	09-2601	CAMO-09-10532	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.031	—	—	0.015	mg/L	J	J-	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.042	—	—	0.015	mg/L	J	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.98	—	—	0.01	SU	H	J-	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.01	—	—	0.01	SU	H	J-	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	163	—	—	68	ug/L	J	J	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.15	—	—	1.5	ug/L	J	J	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.77	—	—	1.5	ug/L	J	J	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.94	—	—	1.5	ug/L	J	J	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	14.8	—	—	1	ug/L	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.8	—	—	1	ug/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	14.7	—	—	1	ug/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	32	—	—	1	ug/L	—	—	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	29.2	—	—	15	ug/L	J	J	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	34	—	—	15	ug/L	J	J	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	29.7	—	—	15	ug/L	J	J	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	35.3	—	—	15	ug/L	J	J	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.15	—	—	2.5	ug/L	J	J	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.17	—	—	1	ug/L	J	J	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	15.4	—	—	3	ug/L	—	—	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	229	—	—	30	ug/L	—	J	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.78	—	—	0.5	ug/L	J	J	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.79	—	—	2	ug/L	J	J	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.47	—	—	2	ug/L	J	J	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	4.71	—	—	2	ug/L	J	J	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.02	—	—	2	ug/L	J	J	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	4.34	—	—	0.1	ug/L	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.45	—	—	0.1	ug/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4.22	—	—	0.1	ug/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.49	—	—	0.1	ug/L	—	—	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.14	—	—	0.5	ug/L	J	J	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.903	—	—	0.5	ug/L	J	J	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.13	—	—	0.5	ug/L	J	J	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.23	—	—	0.5	ug/L	J	J	09-2602	CAMO-09-10532	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-37	8821	929.3	7/13/2009	WG	F	CS	—	Metals	SW-846:6020	Selenium	—	1.25	—	—	1	ug/L	J	J	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Metals	SW-846:6020	Selenium	—	1.53	—	—	1	ug/L	J	J	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	52.5	—	—	0.053	mg/L	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	45.2	—	—	0.053	mg/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	102	—	—	1	ug/L	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	96	—	—	1	ug/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	106	—	—	1	ug/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	97.2	—	—	1	ug/L	—	—	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.581	—	—	0.3	ug/L	J	J	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.84	—	—	0.05	ug/L	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.34	—	—	0.05	ug/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.76	—	—	0.05	ug/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.43	—	—	0.05	ug/L	—	—	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.24	—	—	1	ug/L	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.95	—	—	1	ug/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.81	—	—	1	ug/L	J	J	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.26	—	—	1	ug/L	—	—	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	8/20/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	30.4	—	—	3.3	ug/L	—	—	09-2983	CAMO-09-9913	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	115	—	—	3.3	ug/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	30.9	—	—	3.3	ug/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	154	—	—	3.3	ug/L	—	—	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0202	0.019	0.048	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00119	0.0017	0.031	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000389	0.0075	0.052	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-5.87	2	5.7	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.77	1.8	5.9	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.13	2.5	7.1	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.883	2.3	7.4	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.28	1.5	5.1	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.176	1.8	5.9	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	—	2.91	0.76	1.4	—	pCi/L	—	J	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.93	0.86	2.1	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	4.37	0.92	1.2	—	pCi/L	—	J	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	<	2.44	0.93	2.8	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.51	0.76	2	—	pCi/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.47	0.93	2.8	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	104	99	110	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	57.1	34	83	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	113	65	120	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.9	16	45	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	30.9	13	42	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	12.6	12	40	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00343	0.0047	0.044	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00378	0.0027	0.033	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.000543	0.0035	0.042	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00685	0.0066	0.054	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00757	0.0042	0.037	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00442	0.0042	0.052	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-32.6	32	94	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	21.4	17	67	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-33.9	26	64	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.422	0.14	0.34	—	pCi/L	—	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	3.05	0.74	1.7	—	pCi/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.198	2.1	6.8	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.644	1.3	4.4	—	pCi/L	U	U	09-2983	CAMO-09-9912	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-37	8821	929.3	7/13/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.156	1.9	6.5	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.252	0.14	0.45	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	1.65	0.17	0.22	—	pCi/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	8/20/2009	WG	UF	RE	—	Rad	EPA:905.0	Strontium-90	<	0.105	0.13	0.45	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.119	0.12	0.41	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.00667	0.011	0.12	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	-0.013	0.0074	0.13	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.00742	0.005	0.044	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	1.50071	0.28737	0.28737	—	pCi/L	—	—	09-3009	CAMO-09-9912	UMTL
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	11.4948	0.38316	0.28737	—	pCi/L	—	—	09-2608	CAMO-09-10532	UMTL
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.02	0.097	0.14	—	pCi/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.38	0.13	0.15	—	pCi/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.26	0.12	0.16	—	pCi/L	—	—	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0156	0.01	0.067	—	pCi/L	U	U	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0304	0.015	0.075	—	pCi/L	U	U	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00372	0.019	0.081	—	pCi/L	U	U	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.47	0.054	0.067	—	pCi/L	—	—	09-2602	CAMO-09-10530	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.451	0.055	0.075	—	pCi/L	—	—	09-2983	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.474	0.06	0.082	—	pCi/L	—	—	09-2602	CAMO-09-10532	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	4.66	—	—	2.1	ug/L	J	J	09-2982	CAMO-09-9912	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	2.33	—	—	2.1	ug/L	J	J	09-2601	CAMO-09-10532	GELC
R-37	8821	929.3	8/20/2009	WG	UF	CS	FD	Svoa	SW-846:8270C	Dioxane[1,4-]	—	4.75	—	—	2.1	ug/L	J	J	09-2982	CAMO-09-9914	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	<	10.5	—	—	2.1	ug/L	U	U	09-2601	CAMO-09-10532	GELC
R-37	8821	929.3	7/13/2009	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	1.33	—	—	0.25	ug/L	—	—	09-2601	CAMO-09-10532	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	—	0.00000147	—	—	0.00000147	ug/L	J	J	09-2992	CAMO-09-9566	ALTC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	<	0.0000018	—	—	0.0000018	ug/L	U	U	09-838	CAMO-09-2999	ALTC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	—	0.00000315	—	—	0.00000315	ug/L	—	—	09-2992	CAMO-09-9566	ALTC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	<	0.0000018	—	—	0.0000018	ug/L	U	U	09-838	CAMO-09-2999	ALTC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	59	—	—	0.73	mg/L	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.9	—	—	0.73	mg/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	61.7	—	—	0.73	mg/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	0.05	mg/L	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	0.03	mg/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	0.03	mg/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.3	—	—	0.05	mg/L	—	—	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	0.03	mg/L	—	—	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.3	—	—	0.03	mg/L	—	—	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.42	—	—	0.066	mg/L	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.56	—	—	0.066	mg/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.8	—	—	0.066	mg/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.492	—	—	0.033	mg/L	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.336	—	—	0.033	mg/L	—	J	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.354	—	—	0.033	mg/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.1	—	—	0.35	mg/L	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.1	—	—	0.35	mg/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.1	—	—	0.35	mg/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.2	—	—	0.35	mg/L	—	—	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.6	—	—	0.35	mg/L	—	—	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	49.4	—	—	0.35	mg/L	—	—	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.42	—	—	0.085	mg/L	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.51	—	—	0.085	mg/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.81	—	—	0.085	mg/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.51	—	—	0.085	mg/L	—	—	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.56	—	—	0.085	mg/L	—	—	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.95	—	—	0.085	mg/L	—	—	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.57	—	—	0.05	mg/L	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.63	—	—	0.05	mg/L	—	J	09-1699	CAMO-09-8223	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-38	8631	821.2	2/6/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.61	—	—	0.05	mg/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.333	—	—	0.05	ug/L	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.315	—	—	0.05	ug/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.33	—	—	0.05	ug/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.46	—	—	0.05	mg/L	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.44	—	—	0.05	mg/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.61	—	—	0.05	mg/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.49	—	—	0.05	mg/L	—	—	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.45	—	—	0.05	mg/L	—	—	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.64	—	—	0.05	mg/L	—	—	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	0.1	mg/L	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	0.045	mg/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.6	—	—	0.045	mg/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.5	—	—	0.1	mg/L	—	—	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.8	—	—	0.045	mg/L	—	—	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.8	—	—	0.045	mg/L	—	—	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	139	—	—	1	uS/cm	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	132	—	—	1	uS/cm	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	143	—	—	1	uS/cm	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.82	—	—	0.1	mg/L	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.99	—	—	0.1	mg/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.97	—	—	0.1	mg/L	—	J-	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	141	—	—	2.4	mg/L	—	J	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	137	—	—	2.4	mg/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.4	mg/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.45	—	—	0.33	mg/L	J	J	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	0.475	—	—	0.33	mg/L	J	J	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	1.44	—	—	0.33	mg/L	—	—	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.77	—	—	0.01	SU	H	J-	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.76	—	—	0.01	SU	H	J-	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.88	—	—	0.01	SU	H	J-	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Metals	SW-846:6020	Antimony	—	0.679	—	—	0.5	ug/L	J	J	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Metals	SW-846:6020	Antimony	—	0.823	—	—	0.5	ug/L	J	J	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Metals	SW-846:6020	Antimony	<	1.4	—	—	0.5	ug/L	J	U	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Metals	SW-846:6020	Antimony	—	0.838	—	—	0.5	ug/L	J	J	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Antimony	—	0.89	—	—	0.5	ug/L	J	J	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Metals	SW-846:6020	Antimony	<	2.4	—	—	0.5	ug/L	—	U	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	30.1	—	—	1	ug/L	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	31.2	—	—	1	ug/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	33	—	—	1	ug/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31	—	—	1	ug/L	—	—	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	31.1	—	—	1	ug/L	—	—	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34.1	—	—	1	ug/L	—	—	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.9	—	—	2.5	ug/L	J	J	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	6.77	—	—	1.5	ug/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.1	—	—	1.5	ug/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	5.95	—	—	2.5	ug/L	J	J	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	8.82	—	—	1.5	ug/L	—	—	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	11.9	—	—	1.5	ug/L	—	—	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	107	—	—	25	ug/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	42.2	—	—	30	ug/L	J	J	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	61.3	—	—	25	ug/L	J	J	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	265	—	—	25	ug/L	—	—	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	7.93	—	—	2	ug/L	J	J	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	11.1	—	—	2	ug/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	14.4	—	—	2	ug/L	—	—	09-839	CAMO-09-3000	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-38	8631	821.2	8/21/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.82	—	—	2	ug/L	J	J	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	12.1	—	—	2	ug/L	—	—	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	13.6	—	—	2	ug/L	—	—	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.92	—	—	0.1	ug/L	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.12	—	—	0.1	ug/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.9	—	—	0.1	ug/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.96	—	—	0.1	ug/L	—	—	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.1	—	—	0.1	ug/L	—	—	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3	—	—	0.1	ug/L	—	—	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	13.7	—	—	0.5	ug/L	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	27.5	—	—	0.5	ug/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	16.3	—	—	0.5	ug/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	14.9	—	—	0.5	ug/L	—	—	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	30.1	—	—	0.5	ug/L	—	—	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	19.7	—	—	0.5	ug/L	—	—	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.7	—	—	0.053	mg/L	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.1	—	—	0.032	mg/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68	—	—	0.032	mg/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	49	—	—	1	ug/L	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.5	—	—	1	ug/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.7	—	—	1	ug/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.1	—	—	1	ug/L	—	—	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	50.4	—	—	1	ug/L	—	—	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	55.3	—	—	1	ug/L	—	—	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.461	—	—	0.3	ug/L	J	U	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.308	—	—	0.3	ug/L	J	J	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.41	—	—	0.3	ug/L	J	J	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.342	—	—	0.05	ug/L	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.556	—	—	0.05	ug/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.48	—	—	0.05	ug/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.344	—	—	0.05	ug/L	—	—	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.614	—	—	0.05	ug/L	—	—	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.52	—	—	0.05	ug/L	—	—	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.56	—	—	1	ug/L	J	J	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5.02	—	—	1	ug/L	—	U	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.4	—	—	1	ug/L	J	J	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.94	—	—	1	ug/L	J	J	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5.01	—	—	1	ug/L	—	U	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.7	—	—	1	ug/L	J	J	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	8/21/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	26.8	—	—	3.3	ug/L	—	—	09-2991	CAMO-09-9567	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	37.2	—	—	2	ug/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	69	—	—	2	ug/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	31.6	—	—	3.3	ug/L	—	—	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	44.2	—	—	2	ug/L	—	—	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	86.5	—	—	2	ug/L	—	—	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00611	0.015	0.043	—	pCi/L	U	U	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0145	0.011	0.042	—	pCi/L	U	U	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00126	0.0016	0.03	—	pCi/L	U	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000753	0.0036	0.04	—	pCi/L	U	U	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0223	0.014	0.049	—	pCi/L	U	U	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.666	1.5	4.6	—	pCi/L	U	U	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.34	1.3	3.9	—	pCi/L	U	U	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.25	1.1	3.3	—	pCi/L	U	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.179	1.2	3.8	—	pCi/L	U	U	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.588	1.4	4.4	—	pCi/L	U	U	09-839	CAMO-09-2999	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-38	8631	821.2	5/1/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.876	1.4	4.8	—	pCi/L	U	U	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.24	1.2	4.6	—	pCi/L	U	U	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.39	1.2	4.2	—	pCi/L	U	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.891	1.1	3.8	—	pCi/L	U	U	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-3.28	1.7	4.4	—	pCi/L	U	U	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.16	0.37	1.5	—	pCi/L	U	U	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.24	0.84	2.7	—	pCi/L	U	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.486	0.38	1.3	—	pCi/L	U	U	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	—	5.26	1.1	2.7	—	pCi/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.29	0.77	2.1	—	pCi/L	—	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	2.19	0.9	2.7	—	pCi/L	U	U	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	65.9	23	89	—	pCi/L	U	U	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	19	23	37	—	pCi/L	U	U	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	6.84	15	20	—	pCi/L	U	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	72.6	54	120	—	pCi/L	U	U	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	20	10	29	—	pCi/L	U	U	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	36.3	13	41	—	pCi/L	U	U	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.39	10	34	—	pCi/L	U	U	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	15.7	9.5	32	—	pCi/L	U	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.65	9.4	32	—	pCi/L	U	U	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.53	10	35	—	pCi/L	U	U	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00484	0.0048	0.038	—	pCi/L	U	U	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00183	0.0055	0.025	—	pCi/L	U	U	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-4.16E-10	0.0035	0.031	—	pCi/L	U	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00599	0.004	0.031	—	pCi/L	U	U	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00419	0.0084	0.029	—	pCi/L	U	U	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00483	0.0048	0.046	—	pCi/L	U	U	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00183	0.0032	0.037	—	pCi/L	U	U	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00523	0.003	0.034	—	pCi/L	U	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-9.51E-10	0.0049	0.038	—	pCi/L	U	U	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0126	0.0073	0.042	—	pCi/L	U	U	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	83.9	21	37	—	pCi/L	UI	R	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-23.5	16	53	—	pCi/L	U	U	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	13	18	66	—	pCi/L	U	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.8	16	54	—	pCi/L	U	U	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	5.27	16	42	—	pCi/L	U	U	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.92	1.3	3.8	—	pCi/L	U	U	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.23	1.3	5	—	pCi/L	U	U	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.557	1.2	4.2	—	pCi/L	U	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.288	1.2	3.8	—	pCi/L	U	U	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.1	1.4	4	—	pCi/L	U	U	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00523	0.1	0.37	—	pCi/L	U	U	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.326	0.15	0.5	—	pCi/L	U	U	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0151	0.14	0.49	—	pCi/L	U	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.102	0.078	0.32	—	pCi/L	U	U	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0718	0.11	0.4	—	pCi/L	U	U	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.0234	0.01	0.14	—	pCi/L	U	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0128	0.0094	0.16	—	pCi/L	U	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.000302	0.0041	0.052	—	pCi/L	U	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	40.5511	1.2772	0.28737	—	pCi/L	—	—	09-3009	CAMO-09-9566	UMTL
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	0.28737	0.28737	—	pCi/L	U	U	09-1741	CAMO-09-8224	UMTL
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.47895	0.28737	0.28737	—	pCi/L	U	U	09-860	CAMO-09-2999	UMTL
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.319	0.035	0.089	—	pCi/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.318	0.032	0.067	—	pCi/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.235	0.034	0.12	—	pCi/L	—	—	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.302	0.036	0.097	—	pCi/L	—	—	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.25	0.026	0.06	—	pCi/L	—	—	09-839	CAMO-09-2999	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-38	8631	821.2	5/1/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00817	0.0048	0.041	—	pCi/L	U	U	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0149	0.0065	0.038	—	pCi/L	U	U	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0122	0.0091	0.061	—	pCi/L	U	U	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00298	0.0079	0.045	—	pCi/L	U	U	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0263	0.0073	0.033	—	pCi/L	U	U	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	5/1/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.152	0.021	0.044	—	pCi/L	—	—	09-1699	CAMO-09-8223	GELC
R-38	8631	821.2	2/6/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.137	0.018	0.042	—	pCi/L	—	—	09-839	CAMO-09-3000	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.125	0.024	0.06	—	pCi/L	—	—	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.135	0.021	0.048	—	pCi/L	—	—	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.132	0.017	0.038	—	pCi/L	—	—	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	—	4.83	—	—	2.3	ug/L	J	J	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	<	11	—	—	0.7	ug/L	U	U	09-1704	CAMO-09-8560	PARA
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	<	11.1	—	—	1.1	ug/L	U	U	09-1698	CAMO-09-8562	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	<	10.5	—	—	1.1	ug/L	U	U	09-1699	CAMO-09-8224	GELC
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Svoa	SW-846:8270C	Dioxane[1,4-]	<	11.5	—	—	1.2	ug/L	U	U	09-839	CAMO-09-2999	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Voa	SW-846:8260B	Dioxane[1,4-]	<	200	—	—	53	ug/L	U	R	09-1704	CAMO-09-8560	PARA
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Voa	SW-846:8260B	Dioxane[1,4-]	<	200	—	—	53	ug/L	U	R	09-1704	CAMO-09-8559	PARA
R-38	8631	821.2	8/21/2009	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.717	—	—	0.25	ug/L	J	J	09-2991	CAMO-09-9566	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	1.9	—	—	0.25	ug/L	—	—	09-1698	CAMO-09-8562	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	1.8	—	—	0.17	ug/L	—	—	09-1704	CAMO-09-8560	PARA
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	1.7	—	—	0.25	ug/L	—	—	09-1698	CAMO-09-8556	GELC
R-38	8631	821.2	5/1/2009	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	1.5	—	—	0.17	ug/L	—	—	09-1704	CAMO-09-8559	PARA
R-38	8631	821.2	2/6/2009	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	1.46	—	—	0.25	ug/L	—	—	09-839	CAMO-09-2999	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	—	0.00000258	—	—	0.00000258	ug/L	B	J	09-3106	CAPA-09-12281	ALTC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	<	0.00000425	—	—	0.00000425	ug/L	U	U	09-2263	CAPA-09-9421	ALTC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	<	0.000000755	—	—	0.000000755	ug/L	U	U	09-1223	CAPA-09-4423	ALTC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	<	0.00000221	—	—	0.00000221	ug/L	U	U	09-976	CAMO-09-2987	ALTC
R-39	8641	859	9/2/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.6	—	—	0.73	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.3	—	—	0.73	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58.7	—	—	0.73	mg/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	58	—	—	0.73	mg/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.9	—	—	0.05	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	0.03	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.3	—	—	0.03	mg/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.7	—	—	0.03	mg/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	0.05	mg/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	0.03	mg/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.1	—	—	0.03	mg/L	—	—	09-1203	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.9	—	—	0.03	mg/L	—	—	09-961	CAMO-09-2987	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.11	—	—	0.066	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.2	—	—	0.066	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.22	—	—	0.066	mg/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.3	—	—	0.066	mg/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.465	—	—	0.033	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.27	—	—	0.033	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.326	—	—	0.033	mg/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.367	—	—	0.033	mg/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.2	—	—	0.35	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.2	—	—	0.35	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.6	—	—	0.35	mg/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	45.9	—	—	0.35	mg/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.7	—	—	0.35	mg/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.1	—	—	0.35	mg/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	48	—	—	0.35	mg/L	—	—	09-1203	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.1	—	—	0.35	mg/L	—	—	09-961	CAMO-09-2987	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.27	—	—	0.085	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.46	—	—	0.085	mg/L	—	—	09-2251	CAPA-09-9423	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-39	8641	859	3/12/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.74	—	—	0.085	mg/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.42	—	—	0.085	mg/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.31	—	—	0.085	mg/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.46	—	—	0.085	mg/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.69	—	—	0.085	mg/L	—	—	09-1203	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.59	—	—	0.085	mg/L	—	—	09-961	CAMO-09-2987	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.665	—	—	0.05	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.74	—	—	0.05	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.245	—	—	0.01	mg/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.585	—	—	0.05	mg/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.374	—	—	0.05	ug/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.302	—	—	0.05	ug/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.316	—	—	0.05	ug/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.321	—	—	0.05	ug/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.31	—	—	0.05	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.37	—	—	0.05	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.34	—	—	0.05	mg/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.42	—	—	0.05	mg/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.34	—	—	0.05	mg/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.43	—	—	0.05	mg/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.34	—	—	0.05	mg/L	—	—	09-1203	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.46	—	—	0.05	mg/L	—	—	09-961	CAMO-09-2987	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.1	—	—	0.1	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	0.045	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	0.045	mg/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	0.045	mg/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10	—	—	0.1	mg/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.4	—	—	0.045	mg/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.9	—	—	0.045	mg/L	—	—	09-1203	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11	—	—	0.045	mg/L	—	—	09-961	CAMO-09-2987	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	143	—	—	1	uS/cm	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	140	—	—	1	uS/cm	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	131	—	—	1	uS/cm	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	134	—	—	1	uS/cm	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.73	—	—	0.1	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.82	—	—	0.1	mg/L	—	J	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.91	—	—	0.1	mg/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.99	—	—	0.1	mg/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	136	—	—	2.4	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	133	—	—	2.4	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.4	mg/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.4	mg/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.064	—	—	0.015	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.063	—	—	0.015	mg/L	—	J	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.073	—	—	0.024	mg/L	—	U	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.044	—	—	0.024	mg/L	J	U	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.99	—	—	0.01	SU	H	J-	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	0.01	SU	H	J-	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.77	—	—	0.01	SU	H	J-	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.93	—	—	0.01	SU	H	J-	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	15.2	—	—	1	ug/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	16.2	—	—	1	ug/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	17.3	—	—	1	ug/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.2	—	—	1	ug/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	15.6	—	—	1	ug/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	16.9	—	—	1	ug/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19	—	—	1	ug/L	—	—	09-1203	CAPA-09-4423	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-39	8641	859	2/19/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	20.3	—	—	1	ug/L	—	—	09-961	CAMO-09-2987	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.19	—	—	2.5	ug/L	J	J	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.06	—	—	1.5	ug/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	4.1	—	—	1.5	ug/L	—	U	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	4.7	—	—	1.5	ug/L	—	U	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.43	—	—	2.5	ug/L	J	J	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.98	—	—	1.5	ug/L	J	J	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	4.5	—	—	1.5	ug/L	—	U	09-1203	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	5.9	—	—	1.5	ug/L	—	U	09-961	CAMO-09-2987	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	44.1	—	—	30	ug/L	J	J	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	77	—	—	25	ug/L	J	J	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	178	—	—	25	ug/L	—	J	09-1203	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	180	—	—	25	ug/L	—	—	09-961	CAMO-09-2987	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.05	—	—	2	ug/L	J	J	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2	—	—	2	ug/L	J	J	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.5	—	—	2	ug/L	J	J	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.56	—	—	2	ug/L	J	J	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.42	—	—	2	ug/L	J	J	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.1	—	—	2	ug/L	J	J	09-1203	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	11.1	—	—	2	ug/L	—	—	09-961	CAMO-09-2987	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.3	—	—	0.1	ug/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.42	—	—	0.1	ug/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.5	—	—	0.1	ug/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.9	—	—	0.1	ug/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.33	—	—	0.1	ug/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.47	—	—	0.1	ug/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.5	—	—	0.1	ug/L	—	—	09-1203	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.9	—	—	0.1	ug/L	—	—	09-961	CAMO-09-2987	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.69	—	—	0.5	ug/L	J	J	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.831	—	—	0.5	ug/L	J	J	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.62	—	—	0.5	ug/L	J	J	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	0.5	ug/L	J	J	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.717	—	—	0.5	ug/L	J	J	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.919	—	—	0.5	ug/L	J	J	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.8	—	—	0.5	ug/L	J	J	09-1203	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	0.5	ug/L	J	J	09-961	CAMO-09-2987	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.3	—	—	0.053	mg/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.5	—	—	0.032	mg/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	72.5	—	—	0.032	mg/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.7	—	—	0.032	mg/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	51.9	—	—	1	ug/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56	—	—	1	ug/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	60.7	—	—	1	ug/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.9	—	—	1	ug/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	52.6	—	—	1	ug/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	56.4	—	—	1	ug/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	59.9	—	—	1	ug/L	—	—	09-1203	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	57.9	—	—	1	ug/L	—	—	09-961	CAMO-09-2987	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.452	—	—	0.05	ug/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.322	—	—	0.05	ug/L	—	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.4	—	—	0.05	ug/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.39	—	—	0.05	ug/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.445	—	—	0.05	ug/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.346	—	—	0.05	ug/L	—	U	09-2251	CAPA-09-9421	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-39	8641	859	3/12/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.43	—	—	0.05	ug/L	—	—	09-1203	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.45	—	—	0.05	ug/L	—	—	09-961	CAMO-09-2987	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.69	—	—	1	ug/L	J	J	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.45	—	—	1	ug/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.6	—	—	1	ug/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.4	—	—	1	ug/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.75	—	—	1	ug/L	J	J	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.76	—	—	1	ug/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.9	—	—	1	ug/L	—	—	09-1203	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.9	—	—	1	ug/L	—	—	09-961	CAMO-09-2987	GELC
R-39	8641	859	9/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	11.2	—	—	3.3	ug/L	—	—	09-3108	CAPA-09-12280	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.51	—	—	2	ug/L	J	J	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	23.3	—	—	2	ug/L	—	—	09-1203	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	28.1	—	—	2	ug/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	27.3	—	—	3.3	ug/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	20.1	—	—	2	ug/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	38.6	—	—	2	ug/L	—	—	09-1203	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	52.6	—	—	2	ug/L	—	—	09-961	CAMO-09-2987	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00433	0.0037	0.037	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00859	0.0043	0.049	—	pCi/L	U	U	09-1202	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00268	0.0063	0.063	—	pCi/L	U	U	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00286	0.0024	0.032	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00233	0.0021	0.036	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00859	0.0098	0.049	—	pCi/L	U	U	09-1202	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0335	0.014	0.062	—	pCi/L	U	U	09-961	CAMO-09-2987	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.88	1.4	4.1	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.25	1.1	3.9	—	pCi/L	U	U	09-1202	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.211	1.3	4.2	—	pCi/L	U	U	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.857	1.3	4.1	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.509	1.3	4.5	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.019	1.3	4.2	—	pCi/L	U	U	09-1202	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.05	1.3	4.4	—	pCi/L	U	U	09-961	CAMO-09-2987	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.718	1.7	5.6	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2	1.5	5.6	—	pCi/L	U	U	09-1202	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.76	1.1	4.4	—	pCi/L	U	U	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.08	1.3	4.6	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.12	1.4	5	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.615	1.3	4.6	—	pCi/L	U	U	09-1202	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.43	1.1	4	—	pCi/L	U	U	09-961	CAMO-09-2987	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.681	0.5	1.7	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.44	0.55	1.5	—	pCi/L	U	U	09-1202	CAPA-09-4422	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.0282	0.69	3	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.782	0.49	1.6	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.01	0.49	1.4	—	pCi/L	U	U	09-1202	CAPA-09-4423	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.621	0.52	1.7	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	—	6.7	0.96	2.1	—	pCi/L	—	—	09-1202	CAPA-09-4422	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.65	1.1	3.3	—	pCi/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	1.95	0.58	1.6	—	pCi/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.21	0.6	1.9	—	pCi/L	U	U	09-1202	CAPA-09-4423	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	13.5	9.4	32	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	31.6	36	60	—	pCi/L	U	U	09-1202	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	14.2	13	28	—	pCi/L	U	U	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	24.7	16	41	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	26.8	18	51	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	16.5	12	31	—	pCi/L	U	U	09-1202	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	19.4	9.5	29	—	pCi/L	U	U	09-961	CAMO-09-2987	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.43	11	35	—	pCi/L	U	U	09-2251	CAPA-09-9423	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-39	8641	859	3/12/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-10.9	9.4	28	—	pCi/L	U	U	09-1202	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.266	9.8	32	—	pCi/L	U	U	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.35	12	34	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.3	11	37	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.16	9.3	30	—	pCi/L	U	U	09-1202	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-20.1	9.4	26	—	pCi/L	U	U	09-961	CAMO-09-2987	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00232	0.004	0.042	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00238	0.0079	0.034	—	pCi/L	U	U	09-1202	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.012	0.016	0.043	—	pCi/L	U	U	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0015	0.027	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00616	0.0046	0.037	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00855	0.008	0.03	—	pCi/L	U	U	09-1202	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00798	0.0088	0.038	—	pCi/L	U	U	09-961	CAMO-09-2987	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00926	0.0057	0.042	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0119	0.0063	0.048	—	pCi/L	U	U	09-1202	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00299	0.009	0.06	—	pCi/L	U	U	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00617	0.0031	0.03	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00205	0.0046	0.037	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00427	0.006	0.043	—	pCi/L	U	U	09-1202	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00532	0.013	0.053	—	pCi/L	U	U	09-961	CAMO-09-2987	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	39.4	18	37	—	pCi/L	UI	R	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-17.2	18	59	—	pCi/L	U	U	09-1202	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	6.49	16	60	—	pCi/L	U	U	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.59	16	61	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-52.8	18	48	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-13.2	13	44	—	pCi/L	U	U	09-1202	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	53.2	16	49	—	pCi/L	UI	R	09-961	CAMO-09-2987	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.316	0.19	0.58	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	—	0.469	0.12	0.21	—	pCi/L	—	—	09-1202	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.213	0.24	0.86	—	pCi/L	U	U	09-961	CAMO-09-2987	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.316	0.26	0.9	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.476	0.19	0.55	—	pCi/L	U	U	09-1202	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.722	0.24	0.64	—	pCi/L	—	—	09-961	CAMO-09-2987	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.362	1.4	4.7	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	2.55	1.4	5.3	—	pCi/L	U	U	09-1202	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.09	1.1	3.4	—	pCi/L	U	U	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.13	1.3	4.7	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.17	1.2	4.3	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.776	1.2	4.3	—	pCi/L	U	U	09-1202	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.84	1.2	2.9	—	pCi/L	U	U	09-961	CAMO-09-2987	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.132	0.13	0.48	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0567	0.085	0.29	—	pCi/L	U	U	09-1202	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.173	0.14	0.48	—	pCi/L	U	U	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.177	0.081	0.25	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0488	0.13	0.5	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.437	0.15	0.44	—	pCi/L	U	U	09-1202	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0441	0.14	0.52	—	pCi/L	U	U	09-961	CAMO-09-2987	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.0146	0.0071	0.1	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.00458	0.0089	0.11	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.000327	0.0059	0.037	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.06386	0.28737	0.28737	—	pCi/L	U	U	09-3165	CAPA-09-12281	UMTL
R-39	8641	859	6/9/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0	0.28737	0.28737	—	pCi/L	U	U	09-2260	CAPA-09-9421	UMTL
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.35123	0.28737	0.28737	—	pCi/L	U	U	09-1240	CAPA-09-4423	UMTL
R-39	8641	859	2/19/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.38316	0.28737	0.28737	—	pCi/L	—	U	09-1042	CAMO-09-2987	UMTL
R-39	8641	859	6/9/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.334	0.042	0.14	—	pCi/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.25	0.034	0.12	—	pCi/L	—	—	09-1202	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.292	0.029	0.058	—	pCi/L	—	—	09-961	CAMO-09-2988	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-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.254	0.031	0.092	—	pCi/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.238	0.031	0.12	—	pCi/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.256	0.034	0.12	—	pCi/L	—	—	09-1202	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.301	0.031	0.064	—	pCi/L	—	—	09-961	CAMO-09-2987	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00424	0.0042	0.062	—	pCi/L	U	U	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0156	0.011	0.056	—	pCi/L	U	U	09-1202	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00748	0.0046	0.027	—	pCi/L	U	U	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0062	0.0076	0.046	—	pCi/L	U	U	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0108	0.0081	0.053	—	pCi/L	U	U	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00753	0.0053	0.054	—	pCi/L	U	U	09-1202	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0104	0.0055	0.03	—	pCi/L	U	U	09-961	CAMO-09-2987	GELC
R-39	8641	859	6/9/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.12	0.022	0.063	—	pCi/L	—	—	09-2251	CAPA-09-9423	GELC
R-39	8641	859	3/12/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.101	0.02	0.072	—	pCi/L	—	—	09-1202	CAPA-09-4422	GELC
R-39	8641	859	2/19/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.136	0.017	0.034	—	pCi/L	—	—	09-961	CAMO-09-2988	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.105	0.019	0.046	—	pCi/L	—	—	09-3108	CAPA-09-12281	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.134	0.022	0.053	—	pCi/L	—	—	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.131	0.022	0.069	—	pCi/L	—	—	09-1202	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.156	0.02	0.038	—	pCi/L	—	—	09-961	CAMO-09-2987	GELC
R-39	8641	859	9/2/2009	WG	UF	CS	FTB	Voa	SW-846:8260B	Chloromethane	—	0.365	—	—	0.3	ug/L	J	J	09-3107	CAPA-09-12282	GELC
R-39	8641	859	6/9/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.328	—	—	0.3	ug/L	J	J	09-2251	CAPA-09-9421	GELC
R-39	8641	859	3/12/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.3	ug/L	U	UJ	09-1204	CAPA-09-4423	GELC
R-39	8641	859	2/19/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.3	ug/L	UH	UJ	09-961	CAMO-09-2987	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	—	0.000000919	—	—	0.000000919	ug/L	J	J	09-3050	CAPA-09-12253	ALTC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	<	0.00000155	—	—	0.00000155	ug/L	U	U	09-2275	CAPA-09-9443	ALTC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	<	0.0000036	—	—	0.0000036	ug/L	U	U	09-757	CAPA-09-2797	ALTC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	—	0.00000235	—	—	0.00000235	ug/L	B	J	09-3050	CAPA-09-12253	ALTC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	<	0.00000155	—	—	0.00000155	ug/L	U	U	09-2275	CAPA-09-9443	ALTC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	<	0.0000036	—	—	0.0000036	ug/L	U	U	09-757	CAPA-09-2797	ALTC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	115	—	—	0.73	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	101	—	—	0.73	mg/L	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	93	—	—	0.73	mg/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.168	—	—	0.016	mg/L	—	J	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.277	—	—	0.016	mg/L	—	J-	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	UJ	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.4	—	—	0.05	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.4	—	—	0.03	mg/L	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.1	—	—	0.03	mg/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.3	—	—	0.05	mg/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	15.8	—	—	0.03	mg/L	—	—	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.9	—	—	0.03	mg/L	—	—	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.59	—	—	0.066	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.67	—	—	0.066	mg/L	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.7	—	—	0.66	mg/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.355	—	—	0.033	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.352	—	—	0.033	mg/L	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	1.12	—	—	0.33	mg/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	72.6	—	—	0.35	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	64.5	—	—	0.35	mg/L	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	71.5	—	—	0.35	mg/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	72	—	—	0.35	mg/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	66.2	—	—	0.35	mg/L	—	—	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	71.7	—	—	0.35	mg/L	—	—	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.11	—	—	0.085	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.32	—	—	0.085	mg/L	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7	—	—	0.085	mg/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7	—	—	0.085	mg/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.49	—	—	0.085	mg/L	—	—	09-2278	CAPA-09-9443	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-40	8691	649.7	1/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	7.14	—	—	0.085	mg/L	—	—	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	0.05	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.66	—	—	0.05	mg/L	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.1	—	—	0.05	mg/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	0.05	mg/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.72	—	—	0.05	mg/L	—	—	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.19	—	—	0.05	mg/L	—	—	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	20.9	—	—	0.1	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.3	—	—	0.045	mg/L	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.8	—	—	0.045	mg/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	21	—	—	0.1	mg/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	19.8	—	—	0.045	mg/L	—	—	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.6	—	—	0.045	mg/L	—	—	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	228	—	—	1	uS/cm	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	211	—	—	1	uS/cm	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	211	—	—	1	uS/cm	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.63	—	—	0.1	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.07	—	—	0.1	mg/L	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	8.07	—	—	1	mg/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	191	—	—	2.4	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	159	—	—	2.4	mg/L	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	156	—	—	4.8	mg/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.078	—	—	0.033	mg/L	J	J	09-3052	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.34	—	—	0.033	mg/L	—	J+	09-2277	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	U	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	10	—	—	0.33	mg/L	—	—	09-3052	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	6.58	—	—	0.33	mg/L	—	—	09-2277	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	14.7	—	—	0.33	mg/L	—	—	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.116	—	—	0.015	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.088	—	—	0.015	mg/L	—	U	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.031	—	—	0.024	mg/L	J	J	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.48	—	—	0.01	SU	H	J-	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.45	—	—	0.01	SU	H	J-	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.65	—	—	0.01	SU	H	J-	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23.5	—	—	1	ug/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	18.5	—	—	1	ug/L	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.4	—	—	1	ug/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.9	—	—	1	ug/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	19.2	—	—	1	ug/L	—	—	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24	—	—	1	ug/L	—	—	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.5	—	—	15	ug/L	J	J	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	20.3	—	—	10	ug/L	J	J	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	19	—	—	10	ug/L	J	J	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.9	—	—	15	ug/L	J	J	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	21.9	—	—	10	ug/L	J	J	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	12.5	—	—	10	ug/L	J	J	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1320	—	—	30	ug/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	957	—	—	25	ug/L	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	154	—	—	25	ug/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1390	—	—	30	ug/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	1050	—	—	25	ug/L	—	—	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	452	—	—	25	ug/L	—	—	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	313	—	—	2	ug/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	209	—	—	2	ug/L	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	106	—	—	2	ug/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	325	—	—	2	ug/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	215	—	—	2	ug/L	—	—	09-2278	CAPA-09-9443	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-40	8691	649.7	1/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	106	—	—	2	ug/L	—	—	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	20.2	—	—	0.1	ug/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	14	—	—	0.1	ug/L	E	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	9.7	—	—	0.1	ug/L	—	J	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	21.2	—	—	0.1	ug/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	14.6	—	—	0.1	ug/L	E	J	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	9.6	—	—	0.1	ug/L	—	J	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.866	—	—	0.5	ug/L	J	J	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.17	—	—	0.5	ug/L	J	J	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.1	—	—	0.5	ug/L	J	J	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.18	—	—	0.5	ug/L	J	J	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.36	—	—	0.5	ug/L	J	J	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	0.5	ug/L	J	J	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	50.3	—	—	0.053	mg/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	53.4	—	—	0.032	mg/L	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	62.2	—	—	0.032	mg/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.5	—	—	1	ug/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	81.3	—	—	1	ug/L	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	91.3	—	—	1	ug/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	90	—	—	1	ug/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	82.6	—	—	1	ug/L	—	—	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	90.9	—	—	1	ug/L	—	—	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	0.52	—	—	0.3	ug/L	J	U	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.347	—	—	0.3	ug/L	J	J	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.435	—	—	0.3	ug/L	J	J	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.677	—	—	0.05	ug/L	—	—	09-3053	CAPA-09-12255	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.4	—	—	0.05	ug/L	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.96	—	—	0.05	ug/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.614	—	—	0.05	ug/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.478	—	—	0.05	ug/L	—	—	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.1	—	—	0.05	ug/L	—	—	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00859	0.0043	0.037	—	pCi/L	U	U	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00212	0.011	0.047	—	pCi/L	U	U	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0174	0.0086	0.034	—	pCi/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0153	0.011	0.038	—	pCi/L	U	U	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.018	0.017	0.045	—	pCi/L	U	U	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0686	2.2	7	—	pCi/L	U	U	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.221	0.98	3.2	—	pCi/L	U	U	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.406	1.8	5.2	—	pCi/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.739	1.3	4.4	—	pCi/L	U	U	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	3.47	2	7	—	pCi/L	U	U	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-3.28	2.1	5.6	—	pCi/L	U	U	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.17	1.1	3.3	—	pCi/L	U	U	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.14	1.9	6	—	pCi/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.55	1.6	5	—	pCi/L	U	U	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.73	1.7	5.4	—	pCi/L	U	U	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	2.71	0.99	2.2	—	pCi/L	—	U	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.75	0.78	2	—	pCi/L	U	UJ	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.661	0.65	2.4	—	pCi/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.7	0.91	2.9	—	pCi/L	U	U	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.99	0.81	1.9	—	pCi/L	—	UJ	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.438	0.37	1.2	—	pCi/L	U	U	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2	0.46	1.3	—	pCi/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.94	1.2	3.6	—	pCi/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	0.808	0.37	1.1	—	pCi/L	U	U	09-2278	CAPA-09-9443	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-40	8691	649.7	1/28/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.08	0.5	1.3	—	pCi/L	—	—	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	32.8	58	71	—	pCi/L	U	U	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	56	30	71	—	pCi/L	U	U	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	39.7	21	56	—	pCi/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	33.7	11	69	—	pCi/L	U	U	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	44.5	40	100	—	pCi/L	U	U	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.65	9.3	31	—	pCi/L	U	U	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.38	7.7	26	—	pCi/L	U	U	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-9.41	7	21	—	pCi/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.784	11	35	—	pCi/L	U	U	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.31	11	36	—	pCi/L	U	U	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00924	0.0076	0.033	—	pCi/L	U	U	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00541	0.0048	0.025	—	pCi/L	U	U	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00905	0.0045	0.04	—	pCi/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00193	0.0019	0.035	—	pCi/L	U	U	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00197	0.0052	0.027	—	pCi/L	U	U	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0058	0.034	—	pCi/L	U	U	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0018	0.004	0.036	—	pCi/L	U	U	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00679	0.0075	0.045	—	pCi/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0058	0.0034	0.035	—	pCi/L	U	U	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00789	0.0062	0.04	—	pCi/L	U	U	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	20.1	22	78	—	pCi/L	U	U	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	12.2	16	32	—	pCi/L	U	U	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-16.1	18	57	—	pCi/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	24.6	15	55	—	pCi/L	U	U	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	9.54	29	76	—	pCi/L	U	U	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.499	0.24	0.69	—	pCi/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.182	0.17	0.59	—	pCi/L	U	U	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.71	0.51	1.3	—	pCi/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.146	0.19	0.69	—	pCi/L	U	U	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.491	2	6.1	—	pCi/L	U	U	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.162	1.1	3.4	—	pCi/L	U	U	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.923	1.7	5.8	—	pCi/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.86	1.2	3.1	—	pCi/L	U	U	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.816	2	6.6	—	pCi/L	U	U	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.28	0.15	0.49	—	pCi/L	U	U	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.162	0.12	0.42	—	pCi/L	U	U	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.297	0.15	0.49	—	pCi/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.282	0.11	0.48	—	pCi/L	U	U	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.236	0.11	0.36	—	pCi/L	U	U	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.00555	0.0069	0.093	—	pCi/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0508	0.011	0.1	—	pCi/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0127	0.0063	0.034	—	pCi/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.19158	0.28737	0.28737	—	pCi/L	U	U	09-3086	CAPA-09-12253	UMTL
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.38316	0.28737	0.28737	—	pCi/L	—	U	09-2354	CAPA-09-9443	UMTL
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.3193	0.28737	0.28737	—	pCi/L	—	U	09-760	CAPA-09-2797	UMTL
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.266	0.036	0.14	—	pCi/L	—	—	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.552	0.051	0.077	—	pCi/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.254	0.028	0.063	—	pCi/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.305	0.044	0.15	—	pCi/L	—	—	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.515	0.048	0.074	—	pCi/L	—	—	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0261	0.011	0.064	—	pCi/L	U	U	09-2278	CAPA-09-9445	GELC
R-40	8691	649.7	1/28/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0146	0.0085	0.043	—	pCi/L	U	U	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0235	0.0073	0.032	—	pCi/L	U	U	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00923	0.013	0.068	—	pCi/L	U	U	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0116	0.0062	0.041	—	pCi/L	U	U	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	6/10/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0986	0.021	0.064	—	pCi/L	—	—	09-2278	CAPA-09-9445	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-40	8691	649.7	1/28/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.253	0.029	0.048	—	pCi/L	—	—	09-759	CAPA-09-2795	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.135	0.018	0.032	—	pCi/L	—	—	09-3053	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.149	0.027	0.068	—	pCi/L	—	—	09-2278	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.262	0.029	0.047	—	pCi/L	—	—	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	FTB	Voa	SW-846:8260B	Acetone	—	4.55	—	—	3.5	ug/L	J	J	09-3052	CAPA-09-12256	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.5	ug/L	U	U	09-2277	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Voa	SW-846:8260B	Acetone	<	10	—	—	3.5	ug/L	U	UJ	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	FD	Voa	SW-846:8260B	Chloromethane	—	0.353	—	—	0.3	ug/L	J	J	09-3052	CAPA-09-12254	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	—	0.352	—	—	0.3	ug/L	J	J	09-2277	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.3	ug/L	U	U	09-759	CAPA-09-2797	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	FD	Voa	SW-846:8260B	Toluene	—	24.2	—	—	0.25	ug/L	—	—	09-3052	CAPA-09-12254	GELC
R-40	8691	649.7	8/31/2009	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	23.9	—	—	0.25	ug/L	—	—	09-3052	CAPA-09-12253	GELC
R-40	8691	649.7	6/10/2009	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	0.356	—	—	0.25	ug/L	J	J	09-2277	CAPA-09-9443	GELC
R-40	8691	649.7	1/28/2009	WG	UF	CS	—	Voa	SW-846:8260B	Toluene	—	3.53	—	—	0.25	ug/L	—	—	09-759	CAPA-09-2797	GELC
R-40	8701	751.6	9/4/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	97.7	—	—	0.73	mg/L	—	—	09-3130	CAPA-09-12312	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	94.5	—	—	0.73	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	19	—	—	0.03	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	22.1	—	—	0.05	mg/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.7	—	—	0.03	mg/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	9/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.1	—	—	0.066	mg/L	—	—	09-3130	CAPA-09-12312	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.23	—	—	0.066	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.491	—	—	0.033	mg/L	—	—	09-3130	CAPA-09-12312	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.38	—	—	0.033	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	71.4	—	—	0.35	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	82.4	—	—	0.35	mg/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	70.4	—	—	0.35	mg/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.84	—	—	0.085	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	6.65	—	—	0.085	mg/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.75	—	—	0.085	mg/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	9/4/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.0693	—	—	0.05	ug/L	J	J	09-3130	CAPA-09-12312	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.101	—	—	0.05	ug/L	J	J	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.51	—	—	0.05	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.75	—	—	0.05	mg/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	0.05	mg/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.3	—	—	0.045	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	0.1	mg/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.1	—	—	0.045	mg/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	9/4/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	230	—	—	1	uS/cm	—	—	09-3130	CAPA-09-12312	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	192	—	—	1	uS/cm	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.57	—	—	0.1	mg/L	—	—	09-3130	CAPA-09-12312	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.11	—	—	0.1	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	166	—	—	2.4	mg/L	—	J	09-3130	CAPA-09-12312	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	155	—	—	2.4	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.97	—	—	0.01	SU	H	J-	09-3130	CAPA-09-12312	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.43	—	—	0.01	SU	H	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	36.7	—	—	1	ug/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	29.1	—	—	1	ug/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	37.5	—	—	1	ug/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.8	—	—	10	ug/L	J	J	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.6	—	—	15	ug/L	J	J	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	15.8	—	—	10	ug/L	J	J	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	5.38	—	—	3	ug/L	J	J	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	201	—	—	25	ug/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	94	—	—	30	ug/L	J	J	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	663	—	—	25	ug/L	—	—	09-1546	CAPA-09-8346	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-40	8701	751.6	4/21/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	45.7	—	—	2	ug/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	51.6	—	—	2	ug/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	50.4	—	—	2	ug/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	8.37	—	—	0.1	ug/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	6.88	—	—	0.1	ug/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	8.17	—	—	0.1	ug/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.55	—	—	0.5	ug/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	3.16	—	—	0.5	ug/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.48	—	—	0.5	ug/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	9/4/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	52.7	—	—	0.053	mg/L	—	—	09-3130	CAPA-09-12312	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	57.2	—	—	0.032	mg/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	93	—	—	1	ug/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	102	—	—	1	ug/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	91.4	—	—	1	ug/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.727	—	—	0.05	ug/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.44	—	—	0.05	ug/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.731	—	—	0.05	ug/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	1.79	—	—	1	ug/L	J	U	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.29	—	—	1	ug/L	J	J	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	1.93	—	—	1	ug/L	J	U	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	4/21/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	909	—	—	2	ug/L	—	—	09-1546	CAPA-09-8345	GELC
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.6	—	—	3.3	ug/L	—	—	09-3130	CAPA-09-12314	GELC
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	978	—	—	2	ug/L	—	—	09-1546	CAPA-09-8346	GELC
R-40	8701	751.6	9/4/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.25544	0.28737	0.28737	—	pCi/L	U	U	09-3165	CAPA-09-12314	UMTL
R-40	8701	751.6	4/21/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.12772	0.28737	0.28737	—	pCi/L	U	U	09-1568	CAPA-09-8346	UMTL
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57	—	—	0.73	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	75.6	—	—	0.73	mg/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	0.05	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	0.03	mg/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	11.8	—	—	0.05	mg/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	0.03	mg/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.91	—	—	0.066	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.54	—	—	0.066	mg/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.421	—	—	0.033	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.27	—	—	0.033	mg/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	41.8	—	—	0.35	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.7	—	—	0.35	mg/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	42.2	—	—	0.35	mg/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	48	—	—	0.35	mg/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.03	—	—	0.085	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.76	—	—	0.085	mg/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.09	—	—	0.085	mg/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.08	—	—	0.085	mg/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.368	—	—	0.05	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0765	—	—	0.05	mg/L	J	J	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.245	—	—	0.05	ug/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.245	—	—	0.05	ug/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.65	—	—	0.05	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.67	—	—	0.05	mg/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.69	—	—	0.05	mg/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.68	—	—	0.05	mg/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	0.1	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	16.3	—	—	0.045	mg/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.6	—	—	0.1	mg/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.8	—	—	0.045	mg/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	143	—	—	1	uS/cm	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	165	—	—	1	uS/cm	—	—	09-651	CAPA-09-1889	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-40	8711	849.3	9/3/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.27	—	—	0.1	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.09	—	—	0.1	mg/L	—	J-	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	139	—	—	2.4	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	146	—	—	2.4	mg/L	—	J	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.062	—	—	0.033	mg/L	J	J	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	UJ	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.77	—	—	0.01	SU	H	J-	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.79	—	—	0.01	SU	H	J-	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	164	—	—	68	ug/L	J	J	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	901	—	—	68	ug/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	23	—	—	1	ug/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	31.3	—	—	1	ug/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	24.1	—	—	1	ug/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	34.2	—	—	1	ug/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.2	—	—	1.5	ug/L	J	J	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.22	—	—	2.5	ug/L	J	J	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.9	—	—	1.5	ug/L	J	J	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	140	—	—	30	ug/L	*	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	240	—	—	30	ug/L	*	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	612	—	—	25	ug/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.96	—	—	2	ug/L	J	J	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	104	—	—	2	ug/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.41	—	—	2	ug/L	J	J	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	108	—	—	2	ug/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	5.72	—	—	0.1	ug/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	6.1	—	—	0.1	ug/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	5.32	—	—	0.1	ug/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	6.1	—	—	0.1	ug/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.51	—	—	0.5	ug/L	J	J	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	0.5	ug/L	J	J	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.51	—	—	0.5	ug/L	J	J	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.8	—	—	0.5	ug/L	J	J	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	68.3	—	—	0.053	mg/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	64.8	—	—	0.032	mg/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	53.7	—	—	1	ug/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	68.8	—	—	1	ug/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	54.3	—	—	1	ug/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	68.8	—	—	1	ug/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.364	—	—	0.05	ug/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.49	—	—	0.05	ug/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.396	—	—	0.05	ug/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.87	—	—	0.05	ug/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.12	—	—	1	ug/L	J	J	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	3.3	—	—	1	ug/L	J	J	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.07	—	—	1	ug/L	J	J	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	3.9	—	—	1	ug/L	J	J	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	9/3/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	14.7	—	—	3.3	ug/L	—	—	09-3159	CAPA-09-12316	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	158	—	—	2	ug/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	41.5	—	—	3.3	ug/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	171	—	—	2	ug/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00217	0.003	0.027	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00517	0.016	0.044	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0041	0.003	0.027	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.725	1.5	4.9	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-4.07	1.2	3.2	—	pCi/L	U	U	09-3159	CAPA-09-12317	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-40	8711	849.3	1/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.36	1.5	3.9	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0837	1.6	5.2	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.87	1.3	4.7	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.43	1.5	4.3	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.489	0.62	2.4	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.156	0.54	2.6	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.0412	0.65	2.8	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	<	0.506	0.69	2.5	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.88	0.92	2.9	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.3	1.1	2.7	—	pCi/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	12	4.1	8.1	—	pCi/L	—	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	85.6	170	60	—	pCi/L	—	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	23.4	26	44	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.2	11	34	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.79	11	32	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.7	11	34	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00905	0.007	0.028	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0031	0.038	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00344	0.0055	0.026	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0109	0.0072	0.032	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00218	0.0038	0.043	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00172	0.0017	0.031	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-16.1	19	61	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-22.4	17	49	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	29.3	25	47	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.536	0.19	0.38	—	pCi/L	—	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.109	0.19	0.7	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-2.64	1.5	4.1	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.672	1.1	3.7	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.975	1.4	4.4	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.15	0.11	0.39	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.109	0.11	0.44	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.19	0.13	0.44	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.012	0.013	0.13	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0471	0.013	0.14	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0212	0.0085	0.047	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.15965	0.28737	0.28737	—	pCi/L	U	U	09-3165	CAPA-09-12317	UMTL
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.03193	0.28737	0.28737	—	pCi/L	U	U	09-677	CAPA-09-1888	UMTL
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.466	0.053	0.13	—	pCi/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.253	0.034	0.1	—	pCi/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.482	0.057	0.13	—	pCi/L	—	—	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00863	0.0087	0.063	—	pCi/L	U	U	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00703	0.01	0.052	—	pCi/L	U	U	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0088	0.011	0.065	—	pCi/L	U	U	09-651	CAPA-09-1888	GELC
R-40	8711	849.3	1/15/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.15	0.027	0.066	—	pCi/L	—	—	09-651	CAPA-09-1889	GELC
R-40	8711	849.3	9/3/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.154	0.025	0.052	—	pCi/L	—	—	09-3159	CAPA-09-12317	GELC
R-40	8711	849.3	1/15/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.278	0.038	0.068	—	pCi/L	—	—	09-651	CAPA-09-1888	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.9	—	—	0.73	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	72.5	—	—	0.73	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	80.3	—	—	0.73	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.1	—	—	0.05	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13	—	—	0.03	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	0.03	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.2	—	—	0.05	mg/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.7	—	—	0.03	mg/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.96	—	—	0.03	mg/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.02	—	—	0.066	mg/L	—	—	09-3091	CAPA-09-12291	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-41	8791	965.3	4/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.59	—	—	0.066	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	3.75	—	—	0.066	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.497	—	—	0.033	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.398	—	—	0.033	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.377	—	—	0.033	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	50.8	—	—	0.35	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48	—	—	0.35	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.5	—	—	0.35	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50.9	—	—	0.35	mg/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	50.8	—	—	0.35	mg/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	35.9	—	—	0.35	mg/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.79	—	—	0.085	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.76	—	—	0.085	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.48	—	—	0.085	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.78	—	—	0.085	mg/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.06	—	—	0.085	mg/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.67	—	—	0.085	mg/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0853	—	—	0.01	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.73	—	—	0.05	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.56	—	—	0.05	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.364	—	—	0.05	ug/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.405	—	—	0.05	ug/L	—	J	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.353	—	—	0.05	ug/L	—	J	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.83	—	—	0.05	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.75	—	—	0.05	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.71	—	—	0.05	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.82	—	—	0.05	mg/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.87	—	—	0.05	mg/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	0.358	—	—	0.05	mg/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.3	—	—	0.1	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	18	—	—	0.045	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	24.2	—	—	0.045	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	0.1	mg/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	18.6	—	—	0.045	mg/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.1	—	—	0.045	mg/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	183	—	—	1	uS/cm	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	167	—	—	1	uS/cm	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	185	—	—	1	uS/cm	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.75	—	—	0.1	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.73	—	—	0.1	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.53	—	—	0.1	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	158	—	—	2.4	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	140	—	—	2.4	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	154	—	—	2.4	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.116	—	—	0.015	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.06	—	—	0.015	mg/L	—	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.121	—	—	0.015	mg/L	—	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.07	—	—	0.01	SU	H	J-	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.14	—	—	0.01	SU	H	J-	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	5.84	—	—	0.01	SU	H	J-	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.53	—	—	1.5	ug/L	J	J	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	35.3	—	—	1	ug/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	27.7	—	—	1	ug/L	—	—	09-1366	CAMO-09-6907	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-41	8791	965.3	4/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	47	—	—	1	ug/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	35.7	—	—	1	ug/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	32.6	—	—	1	ug/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	4.94	—	—	1	ug/L	J	J	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.67	—	—	2.5	ug/L	J	J	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.95	—	—	1.5	ug/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	2.56	—	—	1.5	ug/L	J	J	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.56	—	—	2.5	ug/L	J	J	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	4.71	—	—	1.5	ug/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.29	—	—	1.5	ug/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.27	—	—	1	ug/L	J	J	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	ug/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	ug/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	ug/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	ug/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	<	100	—	—	25	ug/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	116	—	—	25	ug/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	46.3	—	—	30	ug/L	J	J	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	398	—	—	25	ug/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	253	—	—	25	ug/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	5.77	—	—	2	ug/L	J	J	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	41.8	—	—	2	ug/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	55.3	—	—	2	ug/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.79	—	—	2	ug/L	J	J	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	50.9	—	—	2	ug/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	5.96	—	—	2	ug/L	J	J	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	7.06	—	—	0.1	ug/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.89	—	—	0.1	ug/L	—	J	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	8.69	—	—	0.1	ug/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	7.4	—	—	0.1	ug/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	4.23	—	—	0.1	ug/L	—	J	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1	—	—	0.1	ug/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.61	—	—	0.5	ug/L	J	J	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.798	—	—	0.5	ug/L	J	J	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.14	—	—	0.5	ug/L	J	J	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.32	—	—	0.5	ug/L	J	J	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.13	—	—	0.5	ug/L	J	J	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.15	—	—	0.5	ug/L	J	J	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	61.3	—	—	0.053	mg/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63.5	—	—	0.032	mg/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	63.7	—	—	0.032	mg/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	76.4	—	—	1	ug/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	66.7	—	—	1	ug/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	70.5	—	—	1	ug/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	76.3	—	—	1	ug/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	70	—	—	1	ug/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	64	—	—	1	ug/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.855	—	—	0.05	ug/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.01	—	—	0.05	ug/L	—	J	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.29	—	—	0.05	ug/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.899	—	—	0.05	ug/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.2	—	—	0.05	ug/L	—	J	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.266	—	—	0.05	ug/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	9/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.2	—	—	1	ug/L	—	—	09-3091	CAPA-09-12291	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.81	—	—	1	ug/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	6.62	—	—	1	ug/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.17	—	—	1	ug/L	—	—	09-3091	CAPA-09-12294	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-41	8791	965.3	4/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.19	—	—	1	ug/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.79	—	—	1	ug/L	J	J	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	3.4	—	—	2	ug/L	J	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.38	—	—	2	ug/L	J	J	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	3.48	—	—	3.3	ug/L	J	J	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10.6	—	—	2	ug/L	—	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	19.2	—	—	2	ug/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0126	0.0069	0.027	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00748	0.0059	0.041	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00554	0.0031	0.032	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00736	0.0063	0.036	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0135	0.023	0.043	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.18	1.5	5	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.67	1.3	4.6	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.996	1.5	4.6	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.656	1.3	4.3	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.3	1.2	4.3	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.235	1.5	4.7	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.231	1.3	4.1	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.42	1.7	6	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.22	1.3	4.7	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	3.49	1.5	5.6	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.08	0.79	2.6	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.86	0.84	2.9	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.0784	0.42	2.3	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.6	0.82	2.5	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.991	0.67	2.2	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.4	0.67	1.9	—	pCi/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	—	2.83	0.66	1.7	—	pCi/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.99	0.77	2	—	pCi/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	3.35	0.71	1.9	—	pCi/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.61	0.61	1.6	—	pCi/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	51.6	25	54	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	13.4	15	24	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	62.3	120	87	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	46.8	33	60	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	30.2	17	36	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	8.59	11	36	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.87	9.8	34	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.8	11	34	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-11.8	10	33	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	29.8	12	39	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00159	0.011	0.03	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00394	0.0048	0.037	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0017	0.029	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00469	0.0031	0.029	—	pCi/L	U	UJ	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00819	0.0072	0.036	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00955	0.0064	0.034	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00394	0.0039	0.041	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00333	0.0033	0.033	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00625	0.0049	0.033	—	pCi/L	U	UJ	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00847	0.0084	0.041	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-4.95	20	69	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-10.5	17	62	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-12.8	16	52	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-30	19	62	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	19.4	17	58	—	pCi/L	U	U	09-1351	CAMO-09-6903	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-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	-0.0806	0.15	0.8	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	<	0.367	0.18	0.55	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.638	1.6	5.5	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	1.63	1.4	5.1	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.189	1.4	5	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1	1.3	4.1	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.203	1.3	4.3	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.292	0.12	0.39	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0742	0.11	0.39	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0803	0.098	0.33	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.16	0.082	0.34	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.288	0.12	0.38	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.00148	0.0086	0.12	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0172	0.0067	0.13	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.000103	0.0036	0.045	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.22351	0.28737	0.28737	—	pCi/L	U	U	09-3086	CAPA-09-12294	UMTL
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.06386	0.28737	0.28737	—	pCi/L	U	U	09-1470	CAMO-09-6908	UMTL
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.15965	0.28737	0.28737	—	pCi/L	U	U	09-1352	CAMO-09-6903	UMTL
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.876	0.078	0.093	—	pCi/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	1.39	0.11	0.09	—	pCi/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.574	0.056	0.094	—	pCi/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.982	0.091	0.13	—	pCi/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.36	0.11	0.08	—	pCi/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00971	0.0086	0.047	—	pCi/L	U	U	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.025	0.009	0.046	—	pCi/L	U	U	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00319	0.0055	0.047	—	pCi/L	U	U	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0309	0.012	0.065	—	pCi/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0277	0.009	0.04	—	pCi/L	U	U	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	4/2/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.366	0.04	0.056	—	pCi/L	—	—	09-1366	CAMO-09-6907	GELC
R-41	8791	965.3	4/1/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.417	0.044	0.054	—	pCi/L	—	—	09-1351	CAMO-09-6905	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.248	0.031	0.047	—	pCi/L	—	—	09-3091	CAPA-09-12294	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.429	0.05	0.076	—	pCi/L	—	—	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.61	0.056	0.048	—	pCi/L	—	—	09-1351	CAMO-09-6903	GELC
R-41	8791	965.3	9/1/2009	WG	UF	CS	FD	Voa	SW-846:8260B	Chloromethane	—	0.342	—	—	0.3	ug/L	J	J	09-3090	CAPA-09-12292	GELC
R-41	8791	965.3	4/2/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.3	ug/L	U	U	09-1366	CAMO-09-6908	GELC
R-41	8791	965.3	4/1/2009	WG	UF	CS	—	Voa	SW-846:8260B	Chloromethane	<	1	—	—	0.3	ug/L	U	UJ	09-1351	CAMO-09-6903	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	67.5	—	—	0.73	mg/L	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	64.9	—	—	0.73	mg/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	0.05	mg/L	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.4	—	—	0.03	mg/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.2	—	—	0.05	mg/L	—	—	09-3084	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.5	—	—	0.03	mg/L	—	—	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.74	—	—	0.066	mg/L	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.75	—	—	0.066	mg/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.485	—	—	0.033	mg/L	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.279	—	—	0.033	mg/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	44.2	—	—	0.35	mg/L	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	48.9	—	—	0.35	mg/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	48	—	—	0.35	mg/L	—	—	09-3084	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	49.9	—	—	0.35	mg/L	—	—	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.35	—	—	0.085	mg/L	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.77	—	—	0.085	mg/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.65	—	—	0.085	mg/L	—	—	09-3084	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.94	—	—	0.085	mg/L	—	—	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.64	—	—	0.05	mg/L	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.447	—	—	0.05	mg/L	—	J	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.342	—	—	0.05	ug/L	—	—	09-3084	CAPA-09-12295	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-49	8831	845	6/23/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.336	—	—	0.05	ug/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.46	—	—	0.05	mg/L	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.48	—	—	0.05	mg/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.6	—	—	0.05	mg/L	—	—	09-3084	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.54	—	—	0.05	mg/L	—	—	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.3	—	—	0.1	mg/L	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.9	—	—	0.045	mg/L	N	J+	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.1	—	—	0.1	mg/L	—	—	09-3084	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.2	—	—	0.045	mg/L	N	J+	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	178	—	—	1	uS/cm	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	147	—	—	1	uS/cm	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.31	—	—	0.1	mg/L	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	7.89	—	—	0.1	mg/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	163	—	—	2.4	mg/L	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.4	mg/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.086	—	—	0.033	mg/L	J	J-	09-3083	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.063	—	—	0.033	mg/L	J	J-	09-2483	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.065	—	—	0.015	mg/L	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.032	—	—	0.015	mg/L	J	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8	—	—	0.01	SU	H	J-	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.75	—	—	0.01	SU	H	J-	09-2484	CAMO-09-10842	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	331	—	—	68	ug/L	N	J+	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	190	—	—	68	ug/L	J	J	09-3084	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	2330	—	—	68	ug/L	N	J+	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	1.73	—	—	1.5	ug/L	J	J	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	39.2	—	—	1	ug/L	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	42.4	—	—	1	ug/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	54.5	—	—	1	ug/L	—	—	09-3084	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	46.7	—	—	1	ug/L	—	—	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	15.1	—	—	15	ug/L	J	J	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	34.8	—	—	10	ug/L	J	J	09-2484	CAMO-09-10842	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	35.5	—	—	10	ug/L	J	J	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.6	—	—	2.5	ug/L	J	J	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	ug/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	3.35	—	—	2.5	ug/L	J	J	09-3084	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.75	—	—	2.5	ug/L	J	J	09-2484	CAMO-09-10840	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	78.5	—	—	25	ug/L	J	J	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	238	—	—	30	ug/L	—	—	09-3084	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	565	—	—	25	ug/L	—	—	09-2484	CAMO-09-10840	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	2.22	—	—	0.5	ug/L	—	—	09-3084	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	0.994	—	—	0.5	ug/L	J	J	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	27.1	—	—	2	ug/L	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	6.03	—	—	2	ug/L	J	J	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	36.2	—	—	2	ug/L	—	—	09-3084	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.63	—	—	2	ug/L	J	J	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.23	—	—	0.1	ug/L	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.02	—	—	0.1	ug/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.87	—	—	0.1	ug/L	—	—	09-3084	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.99	—	—	0.1	ug/L	—	—	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.87	—	—	0.5	ug/L	J	J	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.644	—	—	0.5	ug/L	J	J	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.17	—	—	0.5	ug/L	—	—	09-3084	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.812	—	—	0.5	ug/L	J	J	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66	—	—	0.053	mg/L	—	—	09-3084	CAPA-09-12295	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-49	8831	845	6/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	73	—	—	0.032	mg/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	89.3	—	—	1	ug/L	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	107	—	—	1	ug/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1	ug/L	—	—	09-3084	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	108	—	—	1	ug/L	—	—	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	—	0.328	—	—	0.3	ug/L	J	J	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Metals	SW-846:6020	Thallium	<	1	—	—	0.3	ug/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Metals	SW-846:6020	Thallium	—	0.469	—	—	0.3	ug/L	J	J	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	1.43	—	—	0.05	ug/L	—	—	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.94	—	—	0.05	ug/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	2.32	—	—	0.05	ug/L	—	—	09-3084	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	1.36	—	—	0.05	ug/L	—	—	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.42	—	—	1	ug/L	J	J	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.96	—	—	1	ug/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.31	—	—	1	ug/L	J	J	09-3084	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	6.47	—	—	1	ug/L	—	—	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	8.22	—	—	3.3	ug/L	J	J	09-3084	CAPA-09-12295	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	9.47	—	—	2	ug/L	J	J	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	18.4	—	—	3.3	ug/L	—	—	09-3084	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	17.4	—	—	2	ug/L	—	—	09-2484	CAMO-09-10840	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0102	0.0068	0.042	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0014	0.0021	0.04	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0107	0.0057	0.034	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.482	1.4	4.5	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.96	1.6	5	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.262	1.6	5.1	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.05	1.2	4.7	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.38	1.4	5.3	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.911	1.6	5	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.45	0.83	2.6	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	4.75	1.4	3.1	—	pCi/L	—	—	09-3085	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	4.59	1.2	2.5	—	pCi/L	—	—	09-2484	CAMO-09-10840	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.79	0.89	2.8	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	5.05	1.3	3.3	—	pCi/L	—	—	09-3085	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.6	0.83	2.6	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	32.4	12	34	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	53.4	38	62	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	43.3	28	53	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.27	11	37	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	1.7	11	34	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	14.3	13	39	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0019	0.031	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00163	0.0016	0.029	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00918	0.0051	0.037	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0047	0.038	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00326	0.0023	0.032	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0161	0.0083	0.045	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	1.81	19	59	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-20.3	19	63	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-0.787	21	71	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.245	0.2	0.68	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	1.57	0.41	0.87	—	pCi/L	—	—	09-3085	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.21	1.4	4.4	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.241	1.6	5	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0325	1.5	4.8	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.243	0.14	0.46	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0015	0.098	0.33	—	pCi/L	U	U	09-3085	CAPA-09-12297	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-49	8831	845	6/23/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0222	0.12	0.47	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	—	0.172	0.024	0.11	—	pCi/L	—	—	09-3085	CAPA-09-12297	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	—	0.267	0.031	0.12	—	pCi/L	—	—	09-3085	CAPA-09-12297	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	—	0.238	0.029	0.041	—	pCi/L	—	—	09-3085	CAPA-09-12297	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.22351	0.28737	0.28737	—	pCi/L	U	U	09-3086	CAPA-09-12297	UMTL
R-49	8831	845	6/23/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	-0.12772	0.28737	0.28737	—	pCi/L	U	U	09-2485	CAMO-09-10840	UMTL
R-49	8831	845	6/23/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.553	0.052	0.086	—	pCi/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	1.11	0.1	0.13	—	pCi/L	—	—	09-3085	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.584	0.056	0.097	—	pCi/L	—	—	09-2484	CAMO-09-10840	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0194	0.011	0.042	—	pCi/L	U	U	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0264	0.015	0.066	—	pCi/L	U	U	09-3085	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0157	0.0084	0.047	—	pCi/L	U	U	09-2484	CAMO-09-10840	GELC
R-49	8831	845	6/23/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.257	0.03	0.042	—	pCi/L	—	—	09-2484	CAMO-09-10842	GELC
R-49	8831	845	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.68	0.07	0.065	—	pCi/L	—	—	09-3085	CAPA-09-12297	GELC
R-49	8831	845	6/23/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.393	0.042	0.048	—	pCi/L	—	—	09-2484	CAMO-09-10840	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	—	0.000000712	—	—	0.000000712	ug/L	J	J	09-3082	CAPA-09-12300	ALTC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	<	0.000000738	—	—	0.000000738	ug/L	U	U	09-2380	CAMO-09-10515	ALTC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	—	0.00000172	—	—	0.00000172	ug/L	B	J	09-3082	CAPA-09-12300	ALTC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Diox/Fur	SW-846:8290	Heptachlorodibenzodioxins (Total)	<	0.000000738	—	—	0.000000738	ug/L	U	U	09-2380	CAMO-09-10515	ALTC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	55.6	—	—	0.73	mg/L	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	57.7	—	—	0.73	mg/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	0.05	mg/L	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	0.03	mg/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	0.05	mg/L	—	—	09-3084	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.4	—	—	0.03	mg/L	—	—	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	2.19	—	—	0.066	mg/L	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	1.97	—	—	0.066	mg/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.469	—	—	0.033	mg/L	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.254	—	—	0.033	mg/L	—	J-	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	43.6	—	—	0.35	mg/L	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37.8	—	—	0.35	mg/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.2	—	—	0.35	mg/L	—	—	09-3084	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	38.7	—	—	0.35	mg/L	—	—	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.24	—	—	0.085	mg/L	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.99	—	—	0.085	mg/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.36	—	—	0.085	mg/L	—	—	09-3084	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.07	—	—	0.085	mg/L	—	—	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.103	—	—	0.01	mg/L	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.492	—	—	0.05	mg/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.345	—	—	0.05	ug/L	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.304	—	—	0.05	ug/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.39	—	—	0.05	mg/L	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.3	—	—	0.05	mg/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.45	—	—	0.05	mg/L	—	—	09-3084	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	1.35	—	—	0.05	mg/L	—	—	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.3	—	—	0.1	mg/L	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.5	—	—	0.045	mg/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	10.6	—	—	0.1	mg/L	—	—	09-3084	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13.8	—	—	0.045	mg/L	—	—	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	144	—	—	1	uS/cm	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	128	—	—	1	uS/cm	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.01	—	—	0.1	mg/L	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.93	—	—	0.1	mg/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	150	—	—	2.4	mg/L	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	222	—	—	2.4	mg/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.076	—	—	0.015	mg/L	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.05	—	—	0.015	mg/L	U	U	09-2382	CAMO-09-10516	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-49	8841	905.6	9/1/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	8.11	—	—	0.01	SU	H	J-	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.92	—	—	0.01	SU	H	J-	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	22.9	—	—	1	ug/L	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	36	—	—	1	ug/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	23.5	—	—	1	ug/L	—	—	09-3084	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	36.5	—	—	1	ug/L	—	—	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	3.06	—	—	2.5	ug/L	J	J	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	4.17	—	—	1.5	ug/L	—	U	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	2.73	—	—	2.5	ug/L	J	J	09-3084	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	4.49	—	—	1.5	ug/L	—	U	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.56	—	—	0.1	ug/L	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.24	—	—	0.1	ug/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.5	—	—	0.1	ug/L	—	—	09-3084	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.21	—	—	0.1	ug/L	—	—	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	66.2	—	—	0.053	mg/L	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	70.3	—	—	0.032	mg/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	56.9	—	—	1	ug/L	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	65.9	—	—	1	ug/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	59	—	—	1	ug/L	—	—	09-3084	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	67.3	—	—	1	ug/L	—	—	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.446	—	—	0.05	ug/L	—	—	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.553	—	—	0.05	ug/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.437	—	—	0.05	ug/L	—	—	09-3084	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.541	—	—	0.05	ug/L	—	—	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	4.56	—	—	1	ug/L	J	J	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.06	—	—	1	ug/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.52	—	—	1	ug/L	J	J	09-3084	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.79	—	—	1	ug/L	J	J	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	9/1/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	3.89	—	—	3.3	ug/L	J	J	09-3084	CAPA-09-12299	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.16	—	—	2	ug/L	J	J	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.17	—	—	3.3	ug/L	J	J	09-3084	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	10	—	—	2	ug/L	U	U	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0371	0.014	0.058	—	pCi/L	U	U	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.000729	0.0038	0.034	—	pCi/L	U	U	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00334	0.0039	0.036	—	pCi/L	U	U	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.987	1.3	3.9	—	pCi/L	U	U	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.33	1.3	4.1	—	pCi/L	U	U	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.651	1.5	4.7	—	pCi/L	U	U	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.19	1	3.1	—	pCi/L	U	U	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.137	1.2	4.1	—	pCi/L	U	U	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.0325	1	3.4	—	pCi/L	U	U	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.522	0.52	1.9	—	pCi/L	U	UJ	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	3.94	1.3	3.3	—	pCi/L	—	—	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	-0.49	0.44	2.3	—	pCi/L	U	UJ	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.02	0.66	2.1	—	pCi/L	U	U	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.61	0.59	1.7	—	pCi/L	U	U	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.77	0.71	2.2	—	pCi/L	U	U	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	71.5	37	76	—	pCi/L	U	U	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	82.3	31	83	—	pCi/L	U	U	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	91.5	46	82	—	pCi/L	—	U	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.9	7.7	26	—	pCi/L	U	U	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-1.52	14	41	—	pCi/L	U	U	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	17.5	8.9	31	—	pCi/L	U	U	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00644	0.0077	0.039	—	pCi/L	U	U	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0017	0.031	—	pCi/L	U	U	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00586	0.0065	0.035	—	pCi/L	U	U	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00644	0.0064	0.039	—	pCi/L	U	U	09-2382	CAMO-09-10516	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-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00174	0.0025	0.034	—	pCi/L	U	U	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00195	0.0044	0.036	—	pCi/L	U	U	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-9.24	15	43	—	pCi/L	U	U	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.73	16	47	—	pCi/L	U	U	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	8.18	14	45	—	pCi/L	U	U	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	EPA:903.1	Radium-226	<	0.546	0.25	0.67	—	pCi/L	U	U	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	EPA:904	Radium-228	—	0.717	0.23	0.6	—	pCi/L	—	—	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.281	1	3.3	—	pCi/L	U	U	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-4.19	1.3	3.1	—	pCi/L	U	U	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.87	1.2	3.5	—	pCi/L	U	U	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.136	0.11	0.45	—	pCi/L	U	U	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.167	0.11	0.37	—	pCi/L	U	U	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0443	0.12	0.44	—	pCi/L	U	U	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	-0.00629	0.0075	0.11	—	pCi/L	U	U	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0009	0.0046	0.12	—	pCi/L	U	U	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	-0.00242	0.0022	0.039	—	pCi/L	U	U	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.22351	0.28737	0.28737	—	pCi/L	U	U	09-3086	CAPA-09-12300	UMTL
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Rad	LLEE	Tritium	<	0.25544	0.28737	0.28737	—	pCi/L	U	U	09-2462	CAMO-09-10515	UMTL
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.448	0.041	0.066	—	pCi/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.272	0.033	0.098	—	pCi/L	—	—	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.664	0.059	0.08	—	pCi/L	—	—	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0203	0.0072	0.03	—	pCi/L	U	U	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0165	0.0088	0.049	—	pCi/L	U	U	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	—	0.0589	0.014	0.036	—	pCi/L	—	—	09-2382	CAMO-09-10515	GELC
R-49	8841	905.6	6/18/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.164	0.02	0.03	—	pCi/L	—	—	09-2382	CAMO-09-10516	GELC
R-49	8841	905.6	9/1/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.107	0.019	0.049	—	pCi/L	—	—	09-3085	CAPA-09-12300	GELC
R-49	8841	905.6	6/18/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.399	0.04	0.036	—	pCi/L	—	—	09-2382	CAMO-09-10515	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	49.6	—	—	0.73	mg/L	—	—	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	36.3	—	—	0.73	mg/L	—	—	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	43.5	—	—	0.73	mg/L	—	—	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	47.6	—	—	0.73	mg/L	—	—	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	3/11/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	32.5	—	—	0.73	mg/L	—	—	08-784	CAPA-08-10965	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	—	0.016	—	—	0.016	mg/L	J	J-	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	UJ	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	UJ	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	U	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	EPA:350.1	Ammonia as Nitrogen	<	0.05	—	—	0.03	mg/L	U	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.4	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.1	—	—	0.03	mg/L	—	—	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.2	—	—	0.03	mg/L	—	J	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	0.03	mg/L	—	—	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10	—	—	0.03	mg/L	—	—	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	13.6	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12100	GELC
Starmer Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.5	—	—	0.03	mg/L	—	—	09-1119	CAPA-09-4078	GELC
Starmer Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.4	—	—	0.03	mg/L	—	J	09-445	CAPA-09-1096	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12.6	—	—	0.03	mg/L	—	—	08-1920	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.2	—	—	0.03	mg/L	—	—	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	18.2	—	—	0.066	mg/L	—	—	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	25.1	—	—	0.13	mg/L	—	—	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	15.5	—	—	0.066	mg/L	—	—	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	18.3	—	—	0.066	mg/L	—	—	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	4.61	—	—	0.066	mg/L	—	—	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.277	—	—	0.033	mg/L	—	—	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.092	—	—	0.033	mg/L	J	J	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.121	—	—	0.033	mg/L	—	—	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.124	—	—	0.033	mg/L	—	—	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.099	—	—	0.033	mg/L	J	J	08-1449	CAPA-08-13056	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
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	51.7	—	—	0.35	mg/L	—	—	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47	—	—	0.35	mg/L	—	—	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	46.6	—	—	0.35	mg/L	—	—	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	47.3	—	—	0.35	mg/L	—	—	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.1	—	—	0.35	mg/L	—	—	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	52.3	—	—	0.35	mg/L	—	—	09-3268	CAPA-09-12100	GELC
Starmer Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	49.7	—	—	0.35	mg/L	—	—	09-1119	CAPA-09-4078	GELC
Starmer Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	47.9	—	—	0.35	mg/L	—	—	09-445	CAPA-09-1096	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	48	—	—	0.35	mg/L	—	—	08-1920	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.2	—	—	0.35	mg/L	—	—	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.41	—	—	0.085	mg/L	—	—	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.07	—	—	0.085	mg/L	—	—	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.93	—	—	0.085	mg/L	—	—	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.92	—	—	0.085	mg/L	—	—	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.43	—	—	0.085	mg/L	—	—	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.47	—	—	0.085	mg/L	—	—	09-3268	CAPA-09-12100	GELC
Starmer Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.46	—	—	0.085	mg/L	—	—	09-1119	CAPA-09-4078	GELC
Starmer Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.09	—	—	0.085	mg/L	—	—	09-445	CAPA-09-1096	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.04	—	—	0.085	mg/L	—	—	08-1920	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.55	—	—	0.085	mg/L	—	—	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.29	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.113	—	—	0.01	mg/L	—	—	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.235	—	—	0.05	mg/L	J	J	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.0706	—	—	0.01	mg/L	—	—	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.253	—	—	0.05	mg/L	—	J	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.173	—	—	0.05	ug/L	J	J	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.241	—	—	0.05	ug/L	—	—	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.213	—	—	0.05	ug/L	—	—	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.234	—	—	0.05	ug/L	—	J	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	SW-846:6850	Perchlorate	—	0.266	—	—	0.05	ug/L	—	J	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.98	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.88	—	—	0.05	mg/L	—	—	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.55	—	—	0.05	mg/L	—	—	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.71	—	—	0.05	mg/L	—	—	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.39	—	—	0.05	mg/L	—	—	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12100	GELC
Starmer Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.28	—	—	0.05	mg/L	—	—	09-1119	CAPA-09-4078	GELC
Starmer Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.54	—	—	0.05	mg/L	—	—	09-445	CAPA-09-1096	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.9	—	—	0.05	mg/L	—	—	08-1920	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	2.43	—	—	0.05	mg/L	—	—	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	14.6	—	—	0.1	mg/L	—	—	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	17	—	—	0.045	mg/L	—	—	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.4	—	—	0.045	mg/L	—	—	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	12.9	—	—	0.045	mg/L	—	—	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	7.86	—	—	0.045	mg/L	—	—	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	15.1	—	—	0.1	mg/L	—	—	09-3268	CAPA-09-12100	GELC
Starmer Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	17.3	—	—	0.045	mg/L	—	—	09-1119	CAPA-09-4078	GELC
Starmer Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	11.3	—	—	0.045	mg/L	—	—	09-445	CAPA-09-1096	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	13	—	—	0.045	mg/L	—	—	08-1920	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	7.94	—	—	0.045	mg/L	—	—	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	184	—	—	1	uS/cm	—	—	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	183	—	—	1	uS/cm	—	—	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	161	—	—	1	uS/cm	—	—	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	175	—	—	1	uS/cm	—	—	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	114	—	—	1	uS/cm	—	—	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.25	—	—	0.1	mg/L	—	—	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.57	—	—	0.1	mg/L	—	J-	09-1119	CAPA-09-4077	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
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.43	—	—	0.1	mg/L	—	J-	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.41	—	—	0.1	mg/L	—	—	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.53	—	—	0.1	mg/L	—	—	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	132	—	—	2.4	mg/L	—	—	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	138	—	—	2.4	mg/L	H	J	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	128	—	—	2.4	mg/L	—	J	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	134	—	—	2.4	mg/L	—	—	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	94	—	—	2.4	mg/L	—	—	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.04	—	—	0.33	mg/L	—	—	09-3267	CAPA-09-12100	GELC
Starmer Spring	—	—	3/5/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.26	—	—	0.33	mg/L	—	J	09-1119	CAPA-09-4078	GELC
Starmer Spring	—	—	12/4/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.85	—	—	0.33	mg/L	—	—	09-445	CAPA-09-1096	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.83	—	—	0.33	mg/L	—	—	08-1920	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.35	—	—	0.33	mg/L	—	—	08-1448	CAPA-08-13057	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.94	—	—	0.01	SU	H	J-	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.49	—	—	0.01	SU	H	J-	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.98	—	—	0.01	SU	H	J-	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.85	—	—	0.01	SU	H	J-	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.99	—	—	0.01	SU	H	J-	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1060	—	—	68	ug/L	—	—	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1240	—	—	68	ug/L	—	—	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	445	—	—	68	ug/L	—	—	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	216	—	—	68	ug/L	—	—	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	457	—	—	68	ug/L	—	—	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1090	—	—	68	ug/L	—	—	09-3268	CAPA-09-12100	GELC
Starmer Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	4700	—	—	68	ug/L	—	—	09-1119	CAPA-09-4078	GELC
Starmer Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	833	—	—	68	ug/L	—	—	09-445	CAPA-09-1096	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	1490	—	—	68	ug/L	—	—	08-1920	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	874	—	—	68	ug/L	—	—	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	53.6	—	—	1	ug/L	—	—	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	51	—	—	1	ug/L	—	—	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	44.1	—	—	1	ug/L	E	—	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	46.1	—	—	1	ug/L	—	—	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	38.7	—	—	1	ug/L	—	—	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	54.4	—	—	1	ug/L	—	—	09-3268	CAPA-09-12100	GELC
Starmer Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	62	—	—	1	ug/L	—	—	09-1119	CAPA-09-4078	GELC
Starmer Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	46.1	—	—	1	ug/L	E	—	09-445	CAPA-09-1096	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	52.3	—	—	1	ug/L	—	—	08-1920	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	40.6	—	—	1	ug/L	—	—	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	525	—	—	30	ug/L	—	—	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	589	—	—	25	ug/L	—	—	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	187	—	—	25	ug/L	—	—	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	111	—	—	25	ug/L	—	—	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	200	—	—	25	ug/L	—	—	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	514	—	—	30	ug/L	—	—	09-3268	CAPA-09-12100	GELC
Starmer Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2200	—	—	25	ug/L	—	—	09-1119	CAPA-09-4078	GELC
Starmer Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	375	—	—	25	ug/L	—	—	09-445	CAPA-09-1096	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	716	—	—	25	ug/L	—	—	08-1920	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	394	—	—	25	ug/L	—	—	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.81	—	—	2	ug/L	J	J	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	3.2	—	—	2	ug/L	J	J	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	<	10	—	—	2	ug/L	U	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.83	—	—	2	ug/L	J	J	09-3268	CAPA-09-12100	GELC
Starmer Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	11	—	—	2	ug/L	—	—	09-1119	CAPA-09-4078	GELC
Starmer Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.6	—	—	2	ug/L	J	J	09-445	CAPA-09-1096	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	8.4	—	—	2	ug/L	J	J	08-1920	CAPA-08-14912	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
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	2.9	—	—	2	ug/L	J	J	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.904	—	—	0.5	ug/L	J	J	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.81	—	—	0.5	ug/L	J	J	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.6	—	—	0.5	ug/L	J	J	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.63	—	—	0.5	ug/L	J	J	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.926	—	—	0.5	ug/L	J	J	09-3268	CAPA-09-12100	GELC
Starmer Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.6	—	—	0.5	ug/L	J	J	09-1119	CAPA-09-4078	GELC
Starmer Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.64	—	—	0.5	ug/L	J	J	09-445	CAPA-09-1096	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	1	—	—	0.5	ug/L	J	J	08-1920	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	<	2	—	—	0.5	ug/L	U	U	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	38.5	—	—	0.053	mg/L	—	—	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	35.6	—	—	0.032	mg/L	—	—	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32.7	—	—	0.032	mg/L	—	—	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	32.4	—	—	0.032	mg/L	N	J-	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	39.8	—	—	0.032	mg/L	—	—	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Silver	—	0.301	—	—	0.2	ug/L	J	J	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Silver	—	0.301	—	—	0.2	ug/L	J	J	09-3268	CAPA-09-12100	GELC
Starmer Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6020	Silver	—	0.57	—	—	0.2	ug/L	J	J	09-1119	CAPA-09-4078	GELC
Starmer Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	09-445	CAPA-09-1096	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Silver	—	0.36	—	—	0.2	ug/L	J	J	08-1920	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Metals	SW-846:6020	Silver	—	0.27	—	—	0.2	ug/L	J	J	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	101	—	—	1	ug/L	—	—	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	90.6	—	—	1	ug/L	—	—	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	88.7	—	—	1	ug/L	—	—	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	83.1	—	—	1	ug/L	—	—	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	70.3	—	—	1	ug/L	—	—	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	103	—	—	1	ug/L	—	—	09-3268	CAPA-09-12100	GELC
Starmer Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	93.5	—	—	1	ug/L	—	—	09-1119	CAPA-09-4078	GELC
Starmer Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	88	—	—	1	ug/L	—	—	09-445	CAPA-09-1096	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	84.3	—	—	1	ug/L	—	—	08-1920	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	71.1	—	—	1	ug/L	—	—	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.1	—	—	0.05	ug/L	J	J	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.052	—	—	0.05	ug/L	J	J	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.077	—	—	0.05	ug/L	J	J	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.067	—	—	0.05	ug/L	J	J	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.06	—	—	0.05	ug/L	J	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.1	—	—	0.05	ug/L	J	J	09-3268	CAPA-09-12100	GELC
Starmer Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.13	—	—	0.05	ug/L	J	J	09-1119	CAPA-09-4078	GELC
Starmer Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.097	—	—	0.05	ug/L	J	J	09-445	CAPA-09-1096	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.12	—	—	0.05	ug/L	J	J	08-1920	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.087	—	—	0.05	ug/L	J	U	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.54	—	—	1	ug/L	J	J	09-3268	CAPA-09-12101	GELC
Starmer Spring	—	—	3/5/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.7	—	—	1	ug/L	J	J	09-1119	CAPA-09-4077	GELC
Starmer Spring	—	—	12/4/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.6	—	—	1	ug/L	J	J	09-445	CAPA-09-1097	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.6	—	—	1	ug/L	J	U	08-1920	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	2.6	—	—	1	ug/L	J	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.77	—	—	1	ug/L	J	J	09-3268	CAPA-09-12100	GELC
Starmer Spring	—	—	3/5/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.1	—	—	1	ug/L	—	—	09-1119	CAPA-09-4078	GELC
Starmer Spring	—	—	12/4/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	2.9	—	—	1	ug/L	J	J	09-445	CAPA-09-1096	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.7	—	—	1	ug/L	J	U	08-1920	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.4	—	—	1	ug/L	J	U	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.000967	0.0016	0.022	—	pCi/L	U	U	08-1919	CAPA-08-14913	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
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0016	0.0045	0.037	—	pCi/L	U	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.024	0.016	0.042	—	pCi/L	U	U	08-784	CAPA-08-10965	GELC
Starmer Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.00479	0.0034	0.048	—	pCi/L	U	U	08-310	CAPA-08-9218	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00381	0.0032	0.041	—	pCi/L	U	U	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0086	0.0043	0.023	—	pCi/L	U	U	08-1919	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00285	0.0027	0.034	—	pCi/L	U	U	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0184	0.016	0.042	—	pCi/L	U	U	08-784	CAPA-08-10966	GELC
Starmer Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00648	0.005	0.046	—	pCi/L	U	U	08-310	CAPA-08-9219	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.94	1.5	4.6	—	pCi/L	U	U	08-1919	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.0265	1.3	4.1	—	pCi/L	U	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.69	1.7	5.2	—	pCi/L	U	U	08-784	CAPA-08-10965	GELC
Starmer Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-3.37	1.2	3.2	—	pCi/L	U	U	08-310	CAPA-08-9218	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.21	1.6	4.8	—	pCi/L	U	U	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.557	1.6	4.8	—	pCi/L	U	U	08-1919	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.13	1	2.9	—	pCi/L	U	U	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	1.65	1.9	5.8	—	pCi/L	U	U	08-784	CAPA-08-10966	GELC
Starmer Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	5.66	2.2	4.5	—	pCi/L	UI	R	08-310	CAPA-08-9219	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0151	1.1	3.8	—	pCi/L	U	U	08-1919	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.04	1.2	3.5	—	pCi/L	U	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.927	1.5	5.2	—	pCi/L	U	U	08-784	CAPA-08-10965	GELC
Starmer Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.52	1.3	4.7	—	pCi/L	U	U	08-310	CAPA-08-9218	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.3	1.6	4.8	—	pCi/L	U	U	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.482	1.4	4.3	—	pCi/L	U	U	08-1919	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.221	1.3	4.4	—	pCi/L	U	U	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.47	1.5	5.1	—	pCi/L	U	U	08-784	CAPA-08-10966	GELC
Starmer Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.58	1.6	5.5	—	pCi/L	U	U	08-310	CAPA-08-9219	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.31	0.73	2.1	—	pCi/L	U	U	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/20/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	13	1.25	1.54	—	pCi/L	—	—	194314	GF070800GSTS01	GELC
Starmer Spring	—	—	7/10/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	3.23	0.931	2.7	—	pCi/L	—	J	189433	GF070600GSTS01	GELC
Starmer Spring	—	—	3/21/2007	WG	F	CS	—	Rad	EPA:900	Gross beta	—	4.75	0.93	2.54	—	pCi/L	—	J	183003	GF070300GSTS01	GELC
Starmer Spring	—	—	12/6/2006	WG	F	CS	—	Rad	EPA:900	Gross beta	<	1.27	0.59	1.83	—	pCi/L	U	U	177384	GF061200GSTS01	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.55	1	2.2	—	pCi/L	—	—	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/20/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	15.4	1.43	1.45	—	pCi/L	—	—	194314	GU070800GSTS01	GELC
Starmer Spring	—	—	7/10/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	1.83	0.807	2.54	—	pCi/L	U	U	189433	GU070600GSTS01	GELC
Starmer Spring	—	—	3/21/2007	WG	UF	CS	—	Rad	EPA:900	Gross beta	<	-1.16	0.783	2.9	—	pCi/L	U	U	183003	GU070300GSTS01	GELC
Starmer Spring	—	—	12/6/2006	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	2.42	0.771	2.2	—	pCi/L	—	J	177384	GU061200GSTS01	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	17.9	14	16	—	pCi/L	—	U	08-1919	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	87.8	30	68	—	pCi/L	—	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	263	100	390	—	pCi/L	U	U	08-784	CAPA-08-10965	GELC
Starmer Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	122	130	290	—	pCi/L	U	U	08-310	CAPA-08-9218	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	58	38	67	—	pCi/L	U	U	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	13.1	7.8	27	—	pCi/L	U	U	08-1919	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	64	31	49	—	pCi/L	—	U	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	174	100	450	—	pCi/L	U	U	08-784	CAPA-08-10966	GELC
Starmer Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	207	110	420	—	pCi/L	U	U	08-310	CAPA-08-9219	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-12.4	9.9	29	—	pCi/L	U	U	08-1919	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.27	9.5	31	—	pCi/L	U	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	45.7	13	42	—	pCi/L	UI	R	08-784	CAPA-08-10965	GELC
Starmer Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	16.3	9.5	32	—	pCi/L	U	U	08-310	CAPA-08-9218	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.13	12	39	—	pCi/L	U	U	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	5.72	12	34	—	pCi/L	U	U	08-1919	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.58	10	29	—	pCi/L	U	U	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	10.8	8.6	24	—	pCi/L	U	U	08-784	CAPA-08-10966	GELC
Starmer Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.753	11	37	—	pCi/L	U	U	08-310	CAPA-08-9219	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00478	0.007	0.024	—	pCi/L	U	U	08-1919	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00209	0.0036	0.024	—	pCi/L	U	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0054	0.04	—	pCi/L	U	U	08-784	CAPA-08-10965	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
Starmer Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.0161	0.009	0.036	—	pCi/L	U	U	08-310	CAPA-08-9218	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0027	0.032	—	pCi/L	U	U	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00175	0.0058	0.027	—	pCi/L	U	U	08-1919	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00711	0.013	0.028	—	pCi/L	U	U	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0019	0.035	—	pCi/L	U	U	08-784	CAPA-08-10966	GELC
Starmer Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00478	0.01	0.043	—	pCi/L	U	U	08-310	CAPA-08-9219	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00159	0.0042	0.027	—	pCi/L	U	U	08-1919	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0105	0.0081	0.033	—	pCi/L	U	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0063	0.04	—	pCi/L	U	U	08-784	CAPA-08-10965	GELC
Starmer Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00603	0.0045	0.034	—	pCi/L	U	U	08-310	CAPA-08-9218	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0027	0.031	—	pCi/L	U	U	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0105	0.005	0.03	—	pCi/L	U	U	08-1919	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0119	0.0063	0.037	—	pCi/L	U	U	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00949	0.0063	0.034	—	pCi/L	U	U	08-784	CAPA-08-10966	GELC
Starmer Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00717	0.0063	0.041	—	pCi/L	U	U	08-310	CAPA-08-9219	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-21.7	15	45	—	pCi/L	U	U	08-1919	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-18	16	48	—	pCi/L	U	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	21.3	17	61	—	pCi/L	U	U	08-784	CAPA-08-10965	GELC
Starmer Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-22.4	15	48	—	pCi/L	U	U	08-310	CAPA-08-9218	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-8.18	19	67	—	pCi/L	U	U	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	24	17	39	—	pCi/L	U	U	08-1919	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	23.6	14	51	—	pCi/L	U	U	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	23.6	20	69	—	pCi/L	U	U	08-784	CAPA-08-10966	GELC
Starmer Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-19.7	18	58	—	pCi/L	U	U	08-310	CAPA-08-9219	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.386	1.2	4	—	pCi/L	U	U	08-1919	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.134	1.6	4.3	—	pCi/L	U	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.154	1.5	5	—	pCi/L	U	U	08-784	CAPA-08-10965	GELC
Starmer Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.9	1.2	3.2	—	pCi/L	U	U	08-310	CAPA-08-9218	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.397	1.5	4.9	—	pCi/L	U	U	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.307	1.2	3.9	—	pCi/L	U	U	08-1919	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.72	1.1	4.1	—	pCi/L	U	U	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.874	1.5	4.9	—	pCi/L	U	U	08-784	CAPA-08-10966	GELC
Starmer Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.6	1.5	3.7	—	pCi/L	U	U	08-310	CAPA-08-9219	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0998	0.054	0.17	—	pCi/L	U	U	08-1919	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0613	0.1	0.36	—	pCi/L	U	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	3/11/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.289	0.11	0.48	—	pCi/L	U	U	08-784	CAPA-08-10965	GELC
Starmer Spring	—	—	12/3/2007	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.16	0.055	0.16	—	pCi/L	U	U	08-310	CAPA-08-9218	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.42	0.14	0.43	—	pCi/L	U	U	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0116	0.064	0.22	—	pCi/L	U	U	08-1919	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0384	0.089	0.32	—	pCi/L	U	U	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.141	0.14	0.5	—	pCi/L	U	U	08-784	CAPA-08-10966	GELC
Starmer Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0943	0.075	0.25	—	pCi/L	U	U	08-310	CAPA-08-9219	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	<	0.0272	0.014	0.068	—	pCi/L	U	U	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	<	0.0265	0.0096	0.086	—	pCi/L	U	U	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	<	0.0266	0.009	0.04	—	pCi/L	U	U	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	28.67314	0.9579	0.28737	—	pCi/L	—	—	09-3321	CAPA-09-12100	UMTL
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	LLEE	Tritium	<	22.810792	3.620862	2.816226	—	pCi/L	—	U	08-1935	CAPA-08-14912	ARSL
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	35.4423	1.2772	0.28737	—	pCi/L	—	—	08-1450	CAPA-08-13057	UMTL
Starmer Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	26.21453	8.14215	3.16107	—	pCi/L	—	—	08-793	CAPA-08-10966	ARSL
Starmer Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	LLEE	Tritium	—	63.86	2.2351	0.28737	—	pCi/L	—	—	08-309	CAPA-08-9219	UMTL
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.044	0.01	0.06	—	pCi/L	U	U	08-1919	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0362	0.01	0.076	—	pCi/L	U	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	—	0.0801	0.013	0.062	—	pCi/L	—	—	08-784	CAPA-08-10965	GELC
Starmer Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0619	0.014	0.077	—	pCi/L	U	U	08-310	CAPA-08-9218	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0529	0.014	0.086	—	pCi/L	U	U	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0253	0.012	0.062	—	pCi/L	U	U	08-1919	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0517	0.021	0.16	—	pCi/L	U	U	08-1449	CAPA-08-13057	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
Starmer Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.118	0.016	0.061	—	pCi/L	—	—	08-784	CAPA-08-10966	GELC
Starmer Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.165	0.022	0.077	—	pCi/L	—	—	08-310	CAPA-08-9219	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00218	0.0038	0.032	—	pCi/L	U	U	08-1919	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00789	0.0079	0.042	—	pCi/L	U	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0154	0.0059	0.032	—	pCi/L	U	U	08-784	CAPA-08-10965	GELC
Starmer Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00283	0.0063	0.04	—	pCi/L	U	U	08-310	CAPA-08-9218	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00901	0.0052	0.044	—	pCi/L	U	U	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00447	0.0045	0.033	—	pCi/L	U	U	08-1919	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	3.18E-10	0.0075	0.085	—	pCi/L	U	U	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00651	0.0038	0.032	—	pCi/L	U	U	08-784	CAPA-08-10966	GELC
Starmer Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00567	0.0057	0.04	—	pCi/L	U	U	08-310	CAPA-08-9219	GELC
Starmer Spring	—	—	9/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.037	0.0087	0.032	—	pCi/L	—	—	08-1919	CAPA-08-14913	GELC
Starmer Spring	—	—	6/24/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0191	0.0078	0.046	—	pCi/L	U	U	08-1449	CAPA-08-13056	GELC
Starmer Spring	—	—	3/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	—	0.0605	0.011	0.041	—	pCi/L	—	—	08-784	CAPA-08-10965	GELC
Starmer Spring	—	—	12/3/2007	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.016	0.0089	0.048	—	pCi/L	U	U	08-310	CAPA-08-9218	GELC
Starmer Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0438	0.012	0.053	—	pCi/L	U	U	09-3269	CAPA-09-12100	GELC
Starmer Spring	—	—	9/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.047	0.012	0.033	—	pCi/L	—	—	08-1919	CAPA-08-14912	GELC
Starmer Spring	—	—	6/24/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0603	0.021	0.094	—	pCi/L	U	U	08-1449	CAPA-08-13057	GELC
Starmer Spring	—	—	3/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0702	0.013	0.04	—	pCi/L	—	—	08-784	CAPA-08-10966	GELC
Starmer Spring	—	—	12/3/2007	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.106	0.017	0.048	—	pCi/L	—	—	08-310	CAPA-08-9219	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	70.4	—	—	0.73	mg/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	47.3	—	—	0.73	mg/L	—	—	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	39.2	—	—	0.73	mg/L	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.8	—	—	0.725	mg/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	68.8	—	—	1.45	mg/L	—	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	69.2	—	—	0.725	mg/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.06	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.5	—	—	0.03	mg/L	—	—	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	16.6	—	—	0.03	mg/L	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.7	—	—	0.036	mg/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.2	—	—	0.036	mg/L	—	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	9.42	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	21.8	—	—	0.03	mg/L	—	—	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.2	—	—	0.03	mg/L	—	—	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	0.036	mg/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	14.7	—	—	0.036	mg/L	—	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	46.4	—	—	0.33	mg/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	170	—	—	1.3	mg/L	—	J+	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	111	—	—	0.66	mg/L	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	27.8	—	—	0.132	mg/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Geninorg	EPA:300.0	Chloride	—	93.5	—	—	0.53	mg/L	—	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Geninorg	EPA:300.0	Chloride	—	28.2	—	—	0.132	mg/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.323	—	—	0.033	mg/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.17	—	—	0.033	mg/L	—	—	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.119	—	—	0.033	mg/L	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.216	—	—	0.033	mg/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.237	—	—	0.03	mg/L	—	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.211	—	—	0.033	mg/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.9	—	—	0.35	mg/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	79.4	—	—	0.35	mg/L	—	—	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	51.7	—	—	0.35	mg/L	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	39.1	—	—	0.085	mg/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Geninorg	SM:A2340B	Hardness	—	49.4	—	—	0.085	mg/L	—	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	43.4	—	—	0.35	mg/L	—	—	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	73.7	—	—	0.35	mg/L	—	—	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	46.9	—	—	0.35	mg/L	—	—	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	40.3	—	—	0.085	mg/L	—	—	177782	GU061100G17201	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
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	51.9	—	—	0.085	mg/L	—	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.2	—	—	0.085	mg/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5	—	—	0.085	mg/L	—	—	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.47	—	—	0.085	mg/L	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.04	—	—	0.085	mg/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.38	—	—	0.085	mg/L	—	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.83	—	—	0.085	mg/L	—	—	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	4.64	—	—	0.085	mg/L	—	—	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.76	—	—	0.085	mg/L	—	—	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.25	—	—	0.085	mg/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.7	—	—	0.085	mg/L	—	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.094	—	—	0.05	mg/L	J	J	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	<	0.05	—	—	0.01	mg/L	U	U	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Geninorg	EPA:353.2	Nitrate-Nitrite as Nitrogen	—	0.274	—	—	0.05	mg/L	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.0572	—	—	0.014	mg/L	—	J-	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	<	0.017	—	—	0.017	mg/L	U	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Geninorg	EPA:353.1	Nitrate-Nitrite as Nitrogen	—	0.0538	—	—	0.014	mg/L	—	J-	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.18	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.87	—	—	0.05	mg/L	—	—	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	10.8	—	—	0.05	mg/L	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.35	—	—	0.05	mg/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.98	—	—	0.05	mg/L	—	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	9.86	—	—	0.05	mg/L	—	—	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.39	—	—	0.05	mg/L	—	—	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.45	—	—	0.05	mg/L	—	—	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	3.55	—	—	0.05	mg/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	4.38	—	—	0.05	mg/L	—	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	53.2	—	—	0.032	mg/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	39.8	—	—	0.032	mg/L	—	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	60.2	—	—	0.032	mg/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Geninorg	SW-846:6010B	Silicon Dioxide	—	51.2	—	—	0.032	mg/L	—	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	56.3	—	—	0.1	mg/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	90.5	—	—	0.045	mg/L	—	—	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	68.1	—	—	0.045	mg/L	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	37.2	—	—	0.045	mg/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	79.8	—	—	0.045	mg/L	—	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	57	—	—	0.1	mg/L	—	—	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	85	—	—	0.045	mg/L	—	—	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	58.6	—	—	0.045	mg/L	—	—	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	37	—	—	0.045	mg/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	81.7	—	—	0.045	mg/L	—	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	333	—	—	1	uS/cm	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	644	—	—	1	uS/cm	—	—	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	485	—	—	1	uS/cm	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	247	—	—	1	uS/cm	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Geninorg	SW-846:9050A	Specific Conductance	—	340	—	—	1	uS/cm	—	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	246	—	—	1	uS/cm	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	3.61	—	—	0.1	mg/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.18	—	—	0.1	mg/L	—	—	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.22	—	—	0.1	mg/L	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.46	—	—	0.1	mg/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	11.5	—	—	0.057	mg/L	—	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.49	—	—	0.1	mg/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2.25	—	—	1.4	mg/L	J	J	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	<	5	—	—	1.1	mg/L	U	U	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2.8	—	—	2.3	mg/L	J	J	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	35	—	—	5.7	mg/L	—	—	177782	GU061100G17201	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
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	37	—	—	2.85	mg/L	—	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	RE	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	40	—	—	2.85	mg/L	—	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	448	—	—	2.4	mg/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	363	—	—	2.4	mg/L	—	—	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	272	—	—	2.4	mg/L	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	164	—	—	2.38	mg/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	217	—	—	2.38	mg/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	314	—	—	2.38	mg/L	—	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	10.5	—	—	0.1	mg/L	—	R, J	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	RE	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.265	—	—	0.01	mg/L	H	J+, J	180006	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.302	—	—	0.01	mg/L	—	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.46	—	—	0.033	mg/L	—	J	09-3267	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.1	—	—	0.029	mg/L	U	U	09-1195	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.335	—	—	0.029	mg/L	—	—	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	<	0.208	—	—	0.01	mg/L	—	R	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	RE	—	Geninorg	EPA:351.2	Total Kjeldahl Nitrogen	—	0.334	—	—	0.01	mg/L	H	J+, J	180006	GU061100G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	5.95	—	—	0.66	mg/L	—	—	09-3267	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.66	—	—	0.33	mg/L	—	—	09-1195	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	6.2	—	—	0.33	mg/L	—	—	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	4.27	—	—	0.33	mg/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.164	—	—	0.015	mg/L	—	J	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.05	—	—	0.024	mg/L	U	U	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	—	0.092	—	—	0.024	mg/L	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.065	—	—	0.01	mg/L	—	J+, U	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.05	—	—	0.01	mg/L	—	U	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Geninorg	EPA:365.4	Total Phosphate as Phosphorus	<	0.106	—	—	0.01	mg/L	—	J+, U	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.24	—	—	0.01	SU	H	J-	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.17	—	—	0.01	SU	H	J-	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	7.19	—	—	0.01	SU	H	J-	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.9	—	—	0.01	SU	H	J	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Geninorg	EPA:150.1	pH	—	6.58	—	—	0.01	SU	H	J	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Geninorg	EPA:150.1	pH	—	7.01	—	—	0.01	SU	H	J	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	24400	—	—	68	ug/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	160	—	—	68	ug/L	J	J	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	2160	—	—	68	ug/L	*	J	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	7290	—	—	68	ug/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6010B	Aluminum	—	2230	—	—	68	ug/L	—	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	29600	—	—	68	ug/L	—	—	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	328	—	—	68	ug/L	—	—	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	4860	—	—	68	ug/L	*	J	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	9090	—	—	68	ug/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	5000	—	—	68	ug/L	—	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	—	3.87	—	—	1.5	ug/L	J	J	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	3.3	—	—	1.5	ug/L	J	U	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	2.5	—	—	1.5	ug/L	J	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6020	Arsenic	<	1.5	—	—	1.5	ug/L	U	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	ug/L	U	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	3.97	—	—	1.5	ug/L	J	J	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	J	U	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6020	Arsenic	—	1.5	—	—	1.5	ug/L	J	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6010B	Arsenic	<	6	—	—	6	ug/L	U	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	99.7	—	—	1	ug/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	85.9	—	—	1	ug/L	—	—	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	84.9	—	—	1	ug/L	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	50.4	—	—	1	ug/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6010B	Barium	—	55.6	—	—	1	ug/L	—	—	139721	GF05060G17201	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
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	112	—	—	1	ug/L	—	—	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	84.3	—	—	1	ug/L	—	—	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	98.6	—	—	1	ug/L	—	—	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	58.7	—	—	1	ug/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6010B	Barium	—	66.4	—	—	1	ug/L	—	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1	ug/L	U	U	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1	ug/L	U	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	<	1	—	—	1	ug/L	U	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6010B	Beryllium	<	1	—	—	1	ug/L	U	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	—	1.07	—	—	1	ug/L	J	J	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1	ug/L	U	U	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	<	5	—	—	1	ug/L	U	U	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	<	1	—	—	1	ug/L	U	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6010B	Beryllium	<	1	—	—	1	ug/L	U	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	26.5	—	—	15	ug/L	J	J	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	10	ug/L	U	U	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	13.4	—	—	10	ug/L	J	J	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	18.7	—	—	10	ug/L	J	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6010B	Boron	—	23.7	—	—	10	ug/L	J	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	28.9	—	—	15	ug/L	J	J	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Boron	<	50	—	—	10	ug/L	U	U	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	20.7	—	—	10	ug/L	J	J	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	16.7	—	—	10	ug/L	J	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6010B	Boron	—	25.3	—	—	10	ug/L	J	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Cadmium	—	0.164	—	—	0.11	ug/L	J	J	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	0.26	—	—	0.11	ug/L	J	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	0.1	—	—	0.1	ug/L	U	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6020	Cadmium	<	0.1	—	—	0.1	ug/L	U	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	—	0.197	—	—	0.11	ug/L	J	J	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	<	1	—	—	0.11	ug/L	U	U	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	<	0.34	—	—	0.11	ug/L	J	U	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	<	0.1	—	—	0.1	ug/L	U	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6020	Cadmium	<	0.1	—	—	0.1	ug/L	U	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	—	11.6	—	—	2.5	ug/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	5.1	—	—	1.5	ug/L	—	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6020	Chromium	<	5.2	—	—	1	ug/L	—	U	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6010B	Chromium	—	1.2	—	—	1	ug/L	J	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	—	14	—	—	2.5	ug/L	—	—	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	14.5	—	—	1.5	ug/L	—	U	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6020	Chromium	<	5.6	—	—	1	ug/L	—	U	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6010B	Chromium	—	4	—	—	1	ug/L	J	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	ug/L	U	U	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	ug/L	U	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	—	1.1	—	—	1	ug/L	J	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	ug/L	U	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.12	—	—	1	ug/L	J	J	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	ug/L	U	U	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	5	—	—	1	ug/L	U	U	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	<	1	—	—	1	ug/L	U	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6010B	Cobalt	—	1.6	—	—	1	ug/L	J	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	7.64	—	—	3	ug/L	J	J	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	8.1	—	—	3	ug/L	J	J	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	ug/L	U	R	177782	GF061100G17201	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
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6010B	Copper	—	4.2	—	—	3	ug/L	J	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	9.41	—	—	3	ug/L	J	J	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	8.6	—	—	3	ug/L	J	J	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6010B	Copper	<	3	—	—	3	ug/L	U	R	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6010B	Copper	—	3.9	—	—	3	ug/L	J	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	14100	—	—	30	ug/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	68.3	—	—	25	ug/L	EJ*	J	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1240	—	—	25	ug/L	*	J	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	3610	—	—	18	ug/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6010B	Iron	—	1200	—	—	18	ug/L	—	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	17300	—	—	30	ug/L	—	—	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	166	—	—	25	ug/L	E*	J	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2860	—	—	25	ug/L	*	J	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	4720	—	—	18	ug/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6010B	Iron	—	2660	—	—	18	ug/L	—	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	—	9.12	—	—	0.5	ug/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6020	Lead	—	0.86	—	—	0.5	ug/L	J	J	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6020	Lead	—	1.8	—	—	0.5	ug/L	J	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6020	Lead	—	0.73	—	—	0.5	ug/L	J	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	10.7	—	—	0.5	ug/L	—	—	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	9.7	—	—	0.5	ug/L	—	—	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	2.7	—	—	0.5	ug/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6020	Lead	—	1.8	—	—	0.5	ug/L	J	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	68.7	—	—	2	ug/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.7	—	—	2	ug/L	J	J	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	12.4	—	—	2	ug/L	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	17.5	—	—	2	ug/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6010B	Manganese	—	107	—	—	2	ug/L	—	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	84.2	—	—	2	ug/L	—	—	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	3.2	—	—	2	ug/L	J	J	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	39.5	—	—	2	ug/L	—	—	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	87.1	—	—	2	ug/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6010B	Manganese	—	149	—	—	2	ug/L	—	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	3.18	—	—	0.1	ug/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	0.1	ug/L	—	—	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.2	—	—	0.1	ug/L	—	J	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	<	3.3	—	—	2	ug/L	J	U	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.1	—	—	2	ug/L	J	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.44	—	—	0.1	ug/L	—	—	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.1	—	—	0.1	ug/L	—	—	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.6	—	—	0.1	ug/L	—	J	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	<	2.2	—	—	2	ug/L	J	U	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6010B	Molybdenum	—	3.8	—	—	2	ug/L	J	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	6.74	—	—	0.5	ug/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	0.83	—	—	0.5	ug/L	J	J	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.6	—	—	0.5	ug/L	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	2.2	—	—	0.5	ug/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6020	Nickel	—	1.4	—	—	0.5	ug/L	J	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	7.78	—	—	0.5	ug/L	—	—	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	0.78	—	—	0.5	ug/L	J	J	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	8.6	—	—	0.5	ug/L	—	—	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2.4	—	—	0.5	ug/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6020	Nickel	—	2	—	—	0.5	ug/L	—	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	117	—	—	0.27	mg/L	—	—	09-3268	CAPA-09-12115	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
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	24.4	—	—	0.032	mg/L	—	—	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	21.7	—	—	0.032	mg/L	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Silver	—	0.44	—	—	0.2	ug/L	J	J	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6020	Silver	<	0.2	—	—	0.2	ug/L	U	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6020	Silver	<	0.2	—	—	0.2	ug/L	U	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Silver	—	0.504	—	—	0.2	ug/L	J	J	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Silver	—	0.35	—	—	0.2	ug/L	J	J	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6020	Silver	<	0.2	—	—	0.2	ug/L	U	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6020	Silver	<	0.2	—	—	0.2	ug/L	U	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	58.7	—	—	1	ug/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	140	—	—	1	ug/L	—	—	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	78	—	—	1	ug/L	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	59.5	—	—	1	ug/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6010B	Strontium	—	82.4	—	—	1	ug/L	—	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	61.3	—	—	1	ug/L	—	—	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	130	—	—	1	ug/L	—	—	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	71.6	—	—	1	ug/L	—	—	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	60.9	—	—	1	ug/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6010B	Strontium	—	86.1	—	—	1	ug/L	—	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.46	—	—	0.05	ug/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	0.05	ug/L	U	U	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.089	—	—	0.05	ug/L	J	J	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.13	—	—	0.05	ug/L	J	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6020	Uranium	—	0.086	—	—	0.05	ug/L	J	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.541	—	—	0.05	ug/L	—	—	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	0.05	ug/L	U	U	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.53	—	—	0.05	ug/L	—	—	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.15	—	—	0.05	ug/L	J	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.16	—	—	0.05	ug/L	J	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	19.6	—	—	1	ug/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.7	—	—	1	ug/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6010B	Vanadium	—	2.5	—	—	1	ug/L	J	—	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	23	—	—	1	ug/L	—	—	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	4.2	—	—	1	ug/L	J	J	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	7.1	—	—	1	ug/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	5.7	—	—	1	ug/L	—	—	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	62.9	—	—	3.3	ug/L	—	—	09-3268	CAPA-09-12115	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	11.7	—	—	2	ug/L	—	—	09-1196	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	374	—	—	2	ug/L	—	—	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Metals	SW-846:6010B	Zinc	—	15.9	—	—	2	ug/L	—	—	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Metals	SW-846:6010B	Zinc	<	12.2	—	—	2	ug/L	—	U	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	76	—	—	3.3	ug/L	—	—	09-3268	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	11.3	—	—	2	ug/L	—	—	09-1196	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	215	—	—	2	ug/L	—	—	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	—	22.7	—	—	2	ug/L	—	—	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Metals	SW-846:6010B	Zinc	<	22.3	—	—	2	ug/L	—	U	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.000367	0.005	0.046	—	pCi/L	U	U	09-1197	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00348	0.0048	0.025	—	pCi/L	U	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00742	0.0123	0.0245	—	pCi/L	U	U	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Rad	HASL-300	Americium-241	<	0.0106	0.0222	0.044	—	pCi/L	U	U	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0000474	0.0041	0.052	—	pCi/L	U	U	09-3269	CAPA-09-12114	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
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0221	0.014	0.053	—	pCi/L	U	U	09-1197	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0183	0.0075	0.03	—	pCi/L	U	U	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.00536	0.00633	0.0229	—	pCi/L	U	U	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000627	0.0189	0.043	—	pCi/L	U	U	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.42	1.2	4	—	pCi/L	U	U	09-1197	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.58	1.4	4.9	—	pCi/L	U	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	1.09	1.1	3.53	—	pCi/L	U	U	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.389	0.692	2.14	—	pCi/L	U	U	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.716	1.4	4.7	—	pCi/L	U	U	09-3269	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	2.11	1.2	4.6	—	pCi/L	U	U	09-1197	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.325	1.3	4.3	—	pCi/L	U	U	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.512	1.21	4.33	—	pCi/L	U	U	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.438	0.516	1.85	—	pCi/L	U	U	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-2.24	1.2	3.2	—	pCi/L	U	U	09-1197	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.26	1.3	4.7	—	pCi/L	U	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.15	1.04	4.01	—	pCi/L	U	U	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.358	0.634	1.88	—	pCi/L	U	U	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.521	1.7	5.5	—	pCi/L	U	U	09-3269	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.00119	1.3	4.3	—	pCi/L	U	U	09-1197	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.11	1.3	4.6	—	pCi/L	U	U	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-1.44	1.25	4.34	—	pCi/L	U	U	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.148	0.592	2.06	—	pCi/L	U	U	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Rad	EPA:900	Gross alpha/beta	<	0.729	0.83	2.9	—	pCi/L	U	U	09-1197	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	4.45	1.4	2.7	—	pCi/L	—	—	09-3269	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Rad	EPA:900	Gross alpha/beta	<	1.89	0.74	2	—	pCi/L	U	U	09-1197	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Rad	EPA:900	Gross beta	—	7.52	1.1	2.5	—	pCi/L	—	—	09-1197	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Rad	EPA:900	Gross beta	—	6.53	1.16	3.13	—	pCi/L	—	J	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Rad	EPA:900	Gross beta	—	6.51	0.776	2.4	—	pCi/L	—	J	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	12.1	1.7	2.5	—	pCi/L	—	—	09-3269	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	8.76	1.2	2.4	—	pCi/L	—	—	09-1197	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	4.74	1.44	4.28	—	pCi/L	—	J	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Rad	EPA:900	Gross beta	—	9.09	0.884	2.55	—	pCi/L	—	J+	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	16.5	8.8	28	—	pCi/L	U	U	09-1197	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	4.37	2.8	8.2	—	pCi/L	U	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	88.8	57.7	290	—	pCi/L	U	U	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Rad	EPA:901.1	Gross gamma	<	57.9	189	215	—	pCi/L	U	U	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	27.8	11	21	—	pCi/L	—	U	09-3269	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	8.77	5.9	14	—	pCi/L	U	U	09-1197	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	8.19	8.1	15	—	pCi/L	U	U	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	101	91.2	345	—	pCi/L	U	U	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	53.3	101	189	—	pCi/L	U	U	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.73	9.4	31	—	pCi/L	U	U	09-1197	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	9.49	11	36	—	pCi/L	U	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	6.38	7.33	24.5	—	pCi/L	U	U	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-7.68	4.84	15.2	—	pCi/L	U	U	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-4.51	11	36	—	pCi/L	U	U	09-3269	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-8.74	9.5	30	—	pCi/L	U	U	09-1197	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-10.6	10	31	—	pCi/L	U	U	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	7.69	10.4	35.5	—	pCi/L	U	U	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	3.74	5.39	14.4	—	pCi/L	U	U	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00228	0.0068	0.033	—	pCi/L	U	U	09-1197	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0173	0.0096	0.03	—	pCi/L	U	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0022	0.00382	0.0242	—	pCi/L	U	U	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0126	0.00892	0.065	—	pCi/L	U	U	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00362	0.0036	0.03	—	pCi/L	U	U	09-3269	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0024	0.034	—	pCi/L	U	U	09-1197	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00565	0.011	0.035	—	pCi/L	U	U	09-501	CAPA-09-1108	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
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00605	0.00404	0.0221	—	pCi/L	U	U	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Rad	HASL-300	Plutonium-238	<	-0.0102	0.00899	0.07	—	pCi/L	U	U	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0273	0.0097	0.046	—	pCi/L	U	U	09-1197	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0	0.0049	0.039	—	pCi/L	U	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0022	0.00794	0.0161	—	pCi/L	U	U	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00315	0.00546	0.055	—	pCi/L	U	U	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0253	0.0096	0.029	—	pCi/L	U	U	09-3269	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00475	0.0058	0.048	—	pCi/L	U	U	09-1197	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0141	0.01	0.045	—	pCi/L	U	U	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.0121	0.00639	0.0147	—	pCi/L	U	U	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0102	0.0076	0.059	—	pCi/L	U	U	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	17	15	56	—	pCi/L	U	U	09-1197	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	18.7	17	60	—	pCi/L	U	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-15.8	13.8	41.1	—	pCi/L	U	U	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Rad	EPA:901.1	Potassium-40	—	24.8	12.3	19.2	—	pCi/L	—	J	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-2.24	19	63	—	pCi/L	U	U	09-3269	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	19.1	20	76	—	pCi/L	U	U	09-1197	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	-29.8	18	56	—	pCi/L	U	U	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	15.2	15	59	—	pCi/L	U	U	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	7.87	12.2	18.9	—	pCi/L	U	U	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.21	1.2	3.6	—	pCi/L	U	U	09-1197	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.186	1.3	4.3	—	pCi/L	U	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.31	0.958	2.55	—	pCi/L	U	U	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.154	0.537	1.95	—	pCi/L	U	U	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	2.74	1.6	6	—	pCi/L	U	U	09-3269	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.483	1.4	4.7	—	pCi/L	U	U	09-1197	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.35	1.3	4.3	—	pCi/L	U	U	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.95	1.26	5.28	—	pCi/L	U	U	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.0947	0.55	1.93	—	pCi/L	U	U	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.433	0.11	0.29	—	pCi/L	—	—	09-1197	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0435	0.1	0.36	—	pCi/L	U	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	-0.0198	0.135	0.525	—	pCi/L	U	U	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.125	0.0572	0.222	—	pCi/L	U	U	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.285	0.16	0.52	—	pCi/L	U	U	09-3269	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	—	0.454	0.14	0.42	—	pCi/L	—	—	09-1197	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.337	0.12	0.36	—	pCi/L	U	U	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.301	0.102	0.318	—	pCi/L	U	U	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.166	0.0543	0.2	—	pCi/L	U	U	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-228	—	0.628	0.06	0.064	—	pCi/L	—	—	09-3269	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-230	—	0.233	0.029	0.08	—	pCi/L	—	—	09-3269	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Thorium-232	—	0.524	0.05	0.038	—	pCi/L	—	—	09-3269	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	30.3335	0.9579	0.28737	—	pCi/L	—	—	09-3321	CAPA-09-12114	UMTL
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Rad	LLEE	Tritium	—	13.50639	0.47895	0.28737	—	pCi/L	—	—	09-1240	CAPA-09-4091	UMTL
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Rad	LLEE	Tritium	—	13.391442	2.375592	3.518686	—	pCi/L	—	—	09-571	CAPA-09-1108	ARSL
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Rad	EPA:906.0	Tritium	<	-41.1	68.2	237	—	pCi/L	U	U	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.00432	0.01	0.13	—	pCi/L	U	U	09-1197	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0525	0.012	0.062	—	pCi/L	U	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0253	0.0162	0.0672	—	pCi/L	U	U	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0381	0.0144	0.105	—	pCi/L	U	U	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.18	0.026	0.09	—	pCi/L	—	—	09-3269	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0187	0.014	0.088	—	pCi/L	U	U	09-1197	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.131	0.021	0.073	—	pCi/L	—	—	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0515	0.0192	0.0643	—	pCi/L	U	U	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.103	0.0325	0.261	—	pCi/L	U	U	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00823	0.0083	0.059	—	pCi/L	U	U	09-1197	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00461	0.0033	0.033	—	pCi/L	U	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00392	0.0104	0.0686	—	pCi/L	U	U	177782	GF061100G17201	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
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0243	0.00926	0.064	—	pCi/L	U	U	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00942	0.007	0.046	—	pCi/L	U	U	09-3269	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00285	0.012	0.041	—	pCi/L	U	U	09-1197	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0217	0.0078	0.039	—	pCi/L	U	U	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0187	0.0113	0.0656	—	pCi/L	U	U	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0172	0.0172	0.159	—	pCi/L	U	U	139721	GU05060G17201	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0	0.0047	0.076	—	pCi/L	U	U	09-1197	CAPA-09-4092	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0317	0.0096	0.039	—	pCi/L	U	U	09-501	CAPA-09-1109	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.00634	0.0119	0.0476	—	pCi/L	U	U	177782	GF061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0311	0.0135	0.075	—	pCi/L	U	U	139721	GF05060G17201	GELC
TW-1.72 Spring	—	—	9/16/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.246	0.031	0.055	—	pCi/L	—	—	09-3269	CAPA-09-12114	GELC
TW-1.72 Spring	—	—	3/11/2009	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0277	0.013	0.052	—	pCi/L	U	U	09-1197	CAPA-09-4091	GELC
TW-1.72 Spring	—	—	12/11/2008	WG	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.134	0.02	0.046	—	pCi/L	—	—	09-501	CAPA-09-1108	GELC
TW-1.72 Spring	—	—	12/13/2006	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0363	0.0123	0.0455	—	pCi/L	U	U	177782	GU061100G17201	GELC
TW-1.72 Spring	—	—	6/28/2005	WG	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0599	0.0259	0.185	—	pCi/L	U	U	139721	GU05060G17201	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	54.6	—	—	0.73	mg/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	31.2	—	—	0.73	mg/L	—	—	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	45.7	—	—	0.73	mg/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	70.1	—	—	0.73	mg/L	—	—	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Geninorg	EPA:310.1	Alkalinity-CO3+HCO3	—	60.7	—	—	0.73	mg/L	—	—	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	6.81	—	—	0.05	mg/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.9	—	—	0.03	mg/L	—	—	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.5	—	—	0.03	mg/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.8	—	—	0.03	mg/L	—	—	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Calcium	—	17.9	—	—	0.03	mg/L	—	—	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	7.94	—	—	0.05	mg/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	23.8	—	—	0.03	mg/L	—	—	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	10.9	—	—	0.03	mg/L	—	—	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	12	—	—	0.03	mg/L	—	—	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Calcium	—	18.3	—	—	0.03	mg/L	—	—	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	33.2	—	—	0.33	mg/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	172	—	—	1.3	mg/L	—	—	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	67.8	—	—	0.66	mg/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	51.7	—	—	0.66	mg/L	—	—	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Geninorg	EPA:300.0	Chloride	—	125	—	—	0.66	mg/L	—	—	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.274	—	—	0.033	mg/L	—	—	09-3278	CAPA-09-12077	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
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.188	—	—	0.033	mg/L	—	—	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.228	—	—	0.033	mg/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.209	—	—	0.033	mg/L	—	—	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Geninorg	EPA:300.0	Fluoride	—	0.2	—	—	0.033	mg/L	—	—	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	24.9	—	—	0.35	mg/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	80.5	—	—	0.35	mg/L	—	—	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	38.1	—	—	0.35	mg/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	37	—	—	0.35	mg/L	—	—	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Geninorg	SM:A2340B	Hardness	—	59.8	—	—	0.35	mg/L	—	—	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	33	—	—	0.35	mg/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	80.4	—	—	0.35	mg/L	—	—	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	41.7	—	—	0.35	mg/L	—	—	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	45.9	—	—	0.35	mg/L	—	—	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Geninorg	SM:A2340B	Hardness	—	61.9	—	—	0.35	mg/L	—	—	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	1.93	—	—	0.085	mg/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.09	—	—	0.085	mg/L	—	—	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.87	—	—	0.085	mg/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	2.44	—	—	0.085	mg/L	—	—	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.63	—	—	0.085	mg/L	—	—	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.21	—	—	0.085	mg/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	5.08	—	—	0.085	mg/L	—	—	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.49	—	—	0.085	mg/L	—	—	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.84	—	—	0.085	mg/L	—	—	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Magnesium	—	3.93	—	—	0.085	mg/L	—	—	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.37	—	—	0.05	mg/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.85	—	—	0.05	mg/L	—	—	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.05	—	—	0.05	mg/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.3	—	—	0.05	mg/L	—	—	08-1950	CAPA-08-14893	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
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.67	—	—	0.05	mg/L	—	—	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.82	—	—	0.05	mg/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.89	—	—	0.05	mg/L	—	—	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	5.65	—	—	0.05	mg/L	—	—	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	6.45	—	—	0.05	mg/L	—	—	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Potassium	—	7.92	—	—	0.05	mg/L	—	—	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	43.7	—	—	0.1	mg/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	88.9	—	—	0.045	mg/L	—	—	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	57.2	—	—	0.045	mg/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	49.9	—	—	0.045	mg/L	—	—	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Geninorg	SW-846:6010B	Sodium	—	82.9	—	—	0.045	mg/L	—	—	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	42.2	—	—	0.1	mg/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	90.4	—	—	0.045	mg/L	—	—	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	55	—	—	0.045	mg/L	—	—	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	51.7	—	—	0.045	mg/L	—	—	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Geninorg	SW-846:6010B	Sodium	—	84.6	—	—	0.045	mg/L	—	—	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	252	—	—	1	uS/cm	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	658	—	—	1	uS/cm	—	—	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	360	—	—	1	uS/cm	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	354	—	—	1	uS/cm	—	—	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Geninorg	EPA:120.1	Specific Conductance	—	579	—	—	1	uS/cm	—	—	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	2.8	—	—	0.1	mg/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	5.13	—	—	0.1	mg/L	—	—	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.49	—	—	0.1	mg/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	4.13	—	—	0.1	mg/L	—	J-	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Geninorg	EPA:300.0	Sulfate	—	6.58	—	—	0.1	mg/L	—	—	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	6	—	—	1.4	mg/L	J	J	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	4.6	—	—	1.1	mg/L	J	J	09-1047	CAPA-09-4061	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
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	4.8	—	—	2.3	mg/L	J	J	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	12	—	—	2.3	mg/L	—	—	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Geninorg	EPA:160.2	Suspended Sediment Concentration	—	2.4	—	—	2.3	mg/L	J	J	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	127	—	—	2.4	mg/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	380	—	—	2.4	mg/L	—	—	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	260	—	—	2.4	mg/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	237	—	—	2.4	mg/L	—	J	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Geninorg	EPA:160.1	Total Dissolved Solids	—	328	—	—	2.4	mg/L	—	—	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	7.22	—	—	0.66	mg/L	—	—	09-3276	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	2.44	—	—	0.33	mg/L	—	—	09-1046	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	3.36	—	—	0.33	mg/L	—	—	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	8.54	—	—	0.66	mg/L	—	—	08-1949	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Geninorg	SW-846:9060	Total Organic Carbon	—	7.17	—	—	0.33	mg/L	—	—	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.66	—	—	0.01	SU	H	J-	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.34	—	—	0.01	SU	H	J-	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.54	—	—	0.01	SU	H	J-	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.5	—	—	0.01	SU	H	J-	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Geninorg	EPA:150.1	pH	—	7.7	—	—	0.01	SU	H	J-	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	5290	—	—	68	ug/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	<	200	—	—	68	ug/L	U	U	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	6620	—	—	68	ug/L	N	J+	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	1940	—	—	68	ug/L	N	J+	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Metals	SW-846:6010B	Aluminum	—	262	—	—	68	ug/L	—	—	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	16400	—	—	68	ug/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	300	—	—	68	ug/L	—	—	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	13000	—	—	68	ug/L	N	J+	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	13700	—	—	68	ug/L	N	J+	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Metals	SW-846:6010B	Aluminum	—	732	—	—	68	ug/L	—	—	08-1349	CAPA-08-13037	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
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6020	Antimony	—	7.24	—	—	0.5	ug/L	—	J	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Metals	SW-846:6020	Antimony	<	2	—	—	0.5	ug/L	—	U	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Metals	SW-846:6020	Antimony	—	4.8	—	—	0.5	ug/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Metals	SW-846:6020	Antimony	<	2	—	—	0.5	ug/L	J	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Metals	SW-846:6020	Antimony	<	2.1	—	—	0.5	ug/L	—	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6020	Antimony	—	7.27	—	—	0.5	ug/L	—	J	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Metals	SW-846:6020	Antimony	<	1.8	—	—	0.5	ug/L	J	U	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Metals	SW-846:6020	Antimony	—	4.7	—	—	0.5	ug/L	—	—	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Metals	SW-846:6020	Antimony	<	1.9	—	—	0.5	ug/L	J	U	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Metals	SW-846:6020	Antimony	<	1.9	—	—	0.5	ug/L	J	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6020	Arsenic	—	2.9	—	—	1.5	ug/L	J	J	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6020	Arsenic	—	2.69	—	—	1.5	ug/L	J	J	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Metals	SW-846:6020	Arsenic	<	5	—	—	1.5	ug/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	40.9	—	—	1	ug/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	88.6	—	—	1	ug/L	—	—	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	51.6	—	—	1	ug/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	48.8	—	—	1	ug/L	—	—	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Metals	SW-846:6010B	Barium	—	79.8	—	—	1	ug/L	—	—	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	77.9	—	—	1	ug/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	89.8	—	—	1	ug/L	—	—	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	71.6	—	—	1	ug/L	—	—	09-552	CAPA-09-1075	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
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	81.3	—	—	1	ug/L	—	—	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Metals	SW-846:6010B	Barium	—	83.1	—	—	1	ug/L	—	—	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	41	—	—	15	ug/L	J	J	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Metals	SW-846:6010B	Boron	<	14.7	—	—	10	ug/L	J	U	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	11.8	—	—	10	ug/L	J	J	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Metals	SW-846:6010B	Boron	—	19.3	—	—	10	ug/L	J	J	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Metals	SW-846:6010B	Boron	<	26.9	—	—	10	ug/L	J	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	45.1	—	—	15	ug/L	J	J	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Metals	SW-846:6010B	Boron	<	14.3	—	—	10	ug/L	J	U	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	14.2	—	—	10	ug/L	J	J	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Metals	SW-846:6010B	Boron	—	25.5	—	—	10	ug/L	J	J	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Metals	SW-846:6010B	Boron	<	30.3	—	—	10	ug/L	J	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6020	Chromium	—	3.76	—	—	2.5	ug/L	J	J	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Metals	SW-846:6020	Chromium	<	2.5	—	—	1.5	ug/L	J	U	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Metals	SW-846:6020	Chromium	—	4.4	—	—	1.5	ug/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Metals	SW-846:6020	Chromium	<	3	—	—	1.5	ug/L	U	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	ug/L	U	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	8.4	—	—	2.5	ug/L	J	J	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Metals	SW-846:6020	Chromium	<	1.8	—	—	1.5	ug/L	J	U	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	8.1	—	—	1.5	ug/L	—	—	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Metals	SW-846:6020	Chromium	—	7.2	—	—	1.5	ug/L	—	—	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Metals	SW-846:6020	Chromium	<	10	—	—	2.5	ug/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6010B	Copper	—	3.66	—	—	3	ug/L	J	J	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Metals	SW-846:6010B	Copper	—	3.2	—	—	3	ug/L	J	J	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6010B	Copper	—	8.59	—	—	3	ug/L	J	J	09-3278	CAPA-09-12078	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
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Metals	SW-846:6010B	Copper	—	4.9	—	—	3	ug/L	J	J	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Metals	SW-846:6010B	Copper	<	10	—	—	3	ug/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	3040	—	—	30	ug/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	25.6	—	—	25	ug/L	J	J	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	3600	—	—	25	ug/L	N	J+	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	1030	—	—	25	ug/L	—	—	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Metals	SW-846:6010B	Iron	—	140	—	—	25	ug/L	—	—	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	9910	—	—	30	ug/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	182	—	—	25	ug/L	—	—	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	7240	—	—	25	ug/L	N	J+	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	7740	—	—	25	ug/L	—	—	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Metals	SW-846:6010B	Iron	—	390	—	—	25	ug/L	—	—	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6020	Lead	—	2.05	—	—	0.5	ug/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Metals	SW-846:6020	Lead	—	2.2	—	—	0.5	ug/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Metals	SW-846:6020	Lead	—	0.66	—	—	0.5	ug/L	J	J	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	6.85	—	—	0.5	ug/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	5.3	—	—	0.5	ug/L	—	—	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Metals	SW-846:6020	Lead	—	4.6	—	—	0.5	ug/L	—	—	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Metals	SW-846:6020	Lead	<	2	—	—	0.5	ug/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	20.2	—	—	2	ug/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	2.2	—	—	2	ug/L	J	J	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	18.3	—	—	2	ug/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	15.7	—	—	2	ug/L	—	—	08-1950	CAPA-08-14893	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
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Metals	SW-846:6010B	Manganese	—	4.7	—	—	2	ug/L	J	J	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	60	—	—	2	ug/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	6.6	—	—	2	ug/L	J	J	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	36.4	—	—	2	ug/L	—	—	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	47.7	—	—	2	ug/L	—	—	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Metals	SW-846:6010B	Manganese	—	7.3	—	—	2	ug/L	J	J	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.82	—	—	0.1	ug/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	0.98	—	—	0.1	ug/L	—	—	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.9	—	—	0.1	ug/L	—	J	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	2.8	—	—	0.1	ug/L	—	—	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Metals	SW-846:6020	Molybdenum	—	1.7	—	—	0.1	ug/L	—	J	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.94	—	—	0.1	ug/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	0.93	—	—	0.1	ug/L	—	—	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	2.1	—	—	0.1	ug/L	—	J	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	3.1	—	—	0.1	ug/L	—	—	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Metals	SW-846:6020	Molybdenum	—	1.7	—	—	0.1	ug/L	—	—	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	2.1	—	—	0.5	ug/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Metals	SW-846:6020	Nickel	<	1.1	—	—	0.5	ug/L	J	U	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	2.6	—	—	0.5	ug/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	0.5	ug/L	J	J	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Metals	SW-846:6020	Nickel	—	1.2	—	—	0.5	ug/L	J	J	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.77	—	—	0.5	ug/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Metals	SW-846:6020	Nickel	<	0.86	—	—	0.5	ug/L	J	U	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.5	—	—	0.5	ug/L	—	—	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	4.3	—	—	0.5	ug/L	—	—	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Metals	SW-846:6020	Nickel	—	1.3	—	—	0.5	ug/L	J	J	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	42.7	—	—	0.053	mg/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	19	—	—	0.032	mg/L	—	—	09-1047	CAPA-09-4060	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
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	44.4	—	—	0.032	mg/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	31.8	—	—	0.032	mg/L	—	—	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Metals	SW-846:6010B	Silicon Dioxide	—	26.1	—	—	0.032	mg/L	—	—	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6020	Silver	—	0.324	—	—	0.2	ug/L	J	J	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Metals	SW-846:6020	Silver	—	0.23	—	—	0.2	ug/L	J	J	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Metals	SW-846:6020	Silver	<	1	—	—	0.2	ug/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	40	—	—	1	ug/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	137	—	—	1	ug/L	—	—	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	57.2	—	—	1	ug/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	55.6	—	—	1	ug/L	—	—	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Metals	SW-846:6010B	Strontium	—	105	—	—	1	ug/L	—	—	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	47.8	—	—	1	ug/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	138	—	—	1	ug/L	—	—	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	60.5	—	—	1	ug/L	—	—	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	62.3	—	—	1	ug/L	—	—	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Metals	SW-846:6010B	Strontium	—	108	—	—	1	ug/L	—	—	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.171	—	—	0.05	ug/L	J	J	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	0.05	ug/L	U	U	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.16	—	—	0.05	ug/L	J	J	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Metals	SW-846:6020	Uranium	—	0.084	—	—	0.05	ug/L	J	J	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	0.05	ug/L	U	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.349	—	—	0.05	ug/L	—	—	09-3278	CAPA-09-12078	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
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	0.05	ug/L	U	U	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.33	—	—	0.05	ug/L	—	—	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Metals	SW-846:6020	Uranium	—	0.27	—	—	0.05	ug/L	—	—	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Metals	SW-846:6020	Uranium	<	0.2	—	—	0.05	ug/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.15	—	—	1	ug/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	U	U	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	—	5.7	—	—	1	ug/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	<	5	—	—	1	ug/L	J	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Metals	SW-846:6010B	Vanadium	<	3.2	—	—	1	ug/L	J	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	13.4	—	—	1	ug/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	1.1	—	—	1	ug/L	J	J	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	10.4	—	—	1	ug/L	—	—	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	—	14.6	—	—	1	ug/L	—	—	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Metals	SW-846:6010B	Vanadium	<	3.6	—	—	1	ug/L	J	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	17.4	—	—	3.3	ug/L	—	—	09-3278	CAPA-09-12077	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	2.9	—	—	2	ug/L	J	J	09-1047	CAPA-09-4060	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	16.5	—	—	2	ug/L	—	—	09-552	CAPA-09-1076	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	7.5	—	—	2	ug/L	J	J	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Metals	SW-846:6010B	Zinc	—	5.1	—	—	2	ug/L	J	J	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	50.9	—	—	3.3	ug/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	2/27/2009	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	4.4	—	—	2	ug/L	J	J	09-1047	CAPA-09-4061	GELC
Two Mile Canyon below TA-59	—	—	12/19/2008	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	31.9	—	—	2	ug/L	—	—	09-552	CAPA-09-1075	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	32.4	—	—	2	ug/L	—	—	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Metals	SW-846:6010B	Zinc	—	7.5	—	—	2	ug/L	J	J	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Rad	HASL-300	Americium-241	<	0.00441	0.0031	0.03	—	pCi/L	U	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Rad	HASL-300	Americium-241	<	-0.0208	0.011	0.037	—	pCi/L	U	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	F	CS	—	Rad	HASL-300	Americium-241	<	-0.00934	0.0082	0.044	—	pCi/L	U	U	08-768	CAPA-08-10996	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	F	CS	—	Rad	HASL-300	Americium-241	<	-0.000826	0.013	0.03	—	pCi/L	U	U	08-442	CAPA-08-9345	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
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0112	0.0048	0.036	—	pCi/L	U	U	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.00703	0.012	0.031	—	pCi/L	U	U	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.0171	0.01	0.038	—	pCi/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	-0.000534	0.0076	0.044	—	pCi/L	U	U	08-768	CAPA-08-10998	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	UF	CS	—	Rad	HASL-300	Americium-241	<	0.0093	0.011	0.03	—	pCi/L	U	U	08-442	CAPA-08-9347	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.126	1.5	5	—	pCi/L	U	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	0.258	1.2	4	—	pCi/L	U	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.16	1.3	3.8	—	pCi/L	U	U	08-768	CAPA-08-10996	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	F	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.79	1.7	4.4	—	pCi/L	U	U	08-442	CAPA-08-9345	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.502	1.4	4.4	—	pCi/L	U	U	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-2.48	1.8	5.7	—	pCi/L	U	U	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-1.63	1.6	3.9	—	pCi/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	0.32	1.1	3.6	—	pCi/L	U	U	08-768	CAPA-08-10998	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	UF	CS	—	Rad	EPA:901.1	Cesium-137	<	-0.37	1.2	3.9	—	pCi/L	U	U	08-442	CAPA-08-9347	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.376	1.2	3.9	—	pCi/L	U	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.654	1.3	3.9	—	pCi/L	U	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.0355	1.1	3.7	—	pCi/L	U	U	08-768	CAPA-08-10996	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	F	CS	—	Rad	EPA:901.1	Cobalt-60	<	0.936	1.6	5.7	—	pCi/L	U	U	08-442	CAPA-08-9345	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.58	1.2	4.6	—	pCi/L	U	U	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	2.09	2.4	8.1	—	pCi/L	U	U	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.225	1.4	4.7	—	pCi/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	-0.51	1.1	3.6	—	pCi/L	U	U	08-768	CAPA-08-10998	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	UF	CS	—	Rad	EPA:901.1	Cobalt-60	<	1.78	1.4	5	—	pCi/L	U	U	08-442	CAPA-08-9347	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:900	Gross alpha/beta	—	5.07	1.6	3.4	—	pCi/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/11/2007	WS	F	CS	—	Rad	EPA:900	Gross beta	—	4.71	1.03	2.76	—	pCi/L	—	J	193550	GF07090PPBF201	GELC
Two Mile Canyon below TA-59	—	—	6/27/2007	WS	F	CS	—	Rad	EPA:900	Gross beta	—	6.27	1.57	4.19	—	pCi/L	—	J	188820	GF07060PPBF201	GELC
Two Mile Canyon below TA-59	—	—	4/2/2007	WS	F	CS	—	Rad	EPA:900	Gross beta	—	6.93	0.954	2.6	—	pCi/L	—	J	183582	GF07030PPBF201	GELC
Two Mile Canyon below TA-59	—	—	8/25/2006	WP	F	CS	—	Rad	EPA:900	Gross beta	—	2.17	0.482	1.37	—	pCi/L	—	J	170355	GF06080PPBF201	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
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	5.85	1.2	2.8	—	pCi/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/11/2007	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	7.05	1.14	2.56	—	pCi/L	—	J	193550	GU07090PPBF201	GELC
Two Mile Canyon below TA-59	—	—	6/27/2007	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	5.39	1.16	3.12	—	pCi/L	—	J	188820	GU07060PPBF201	GELC
Two Mile Canyon below TA-59	—	—	4/2/2007	WS	UF	CS	—	Rad	EPA:900	Gross beta	—	8.33	0.892	2.2	—	pCi/L	—	—	183582	GU07030PPBF201	GELC
Two Mile Canyon below TA-59	—	—	8/25/2006	WP	UF	CS	—	Rad	EPA:900	Gross beta	—	4.92	0.747	1.66	—	pCi/L	—	J	170355	GU06080PPBF201	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	11	16	20	—	pCi/L	U	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	63.5	140	190	—	pCi/L	U	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	86.1	99	320	—	pCi/L	U	U	08-768	CAPA-08-10996	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	F	CS	—	Rad	EPA:901.1	Gross gamma	<	62.9	68	170	—	pCi/L	U	U	08-442	CAPA-08-9345	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	9.77	13	46	—	pCi/L	U	U	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	68.8	78	96	—	pCi/L	U	U	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	98.9	84	300	—	pCi/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	58.6	55	170	—	pCi/L	U	U	08-768	CAPA-08-10998	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	UF	CS	—	Rad	EPA:901.1	Gross gamma	<	64.5	52	160	—	pCi/L	U	U	08-442	CAPA-08-9347	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	2.41	11	35	—	pCi/L	U	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	4.07	8.9	27	—	pCi/L	U	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-0.308	9.3	30	—	pCi/L	U	U	08-768	CAPA-08-10996	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	F	CS	—	Rad	EPA:901.1	Neptunium-237	<	-3.13	8.5	27	—	pCi/L	U	U	08-442	CAPA-08-9345	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-20.1	10	32	—	pCi/L	U	U	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	25.7	15	43	—	pCi/L	U	U	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-13.6	12	33	—	pCi/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-2.04	8	26	—	pCi/L	U	U	08-768	CAPA-08-10998	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	UF	CS	—	Rad	EPA:901.1	Neptunium-237	<	-5.2	8.1	26	—	pCi/L	U	U	08-442	CAPA-08-9347	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	0.00166	0.0017	0.023	—	pCi/L	U	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0047	0.02	—	pCi/L	U	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00463	0.004	0.045	—	pCi/L	U	U	08-768	CAPA-08-10996	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	F	CS	—	Rad	HASL-300	Plutonium-238	<	-0.00197	0.002	0.036	—	pCi/L	U	U	08-442	CAPA-08-9345	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00236	0.0024	0.043	—	pCi/L	U	U	09-3278	CAPA-09-12078	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
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00325	0.0023	0.023	—	pCi/L	U	U	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.00552	0.0097	0.028	—	pCi/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0	0.0023	0.045	—	pCi/L	U	U	08-768	CAPA-08-10998	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	UF	CS	—	Rad	HASL-300	Plutonium-238	<	0.0121	0.0076	0.036	—	pCi/L	U	U	08-442	CAPA-08-9347	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00332	0.0024	0.028	—	pCi/L	U	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.0134	0.0053	0.027	—	pCi/L	U	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00231	0.0061	0.047	—	pCi/L	U	U	08-768	CAPA-08-10996	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	F	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00394	0.0056	0.041	—	pCi/L	U	U	08-442	CAPA-08-9345	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.00368	0.0053	0.042	—	pCi/L	U	U	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	0.013	0.0046	0.028	—	pCi/L	U	U	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00712	0.0068	0.037	—	pCi/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00465	0.004	0.047	—	pCi/L	U	U	08-768	CAPA-08-10998	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	UF	CS	—	Rad	HASL-300	Plutonium-239/240	<	-0.00402	0.0049	0.042	—	pCi/L	U	U	08-442	CAPA-08-9347	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	25.7	18	55	—	pCi/L	U	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-44.5	16	46	—	pCi/L	U	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	9.05	20	64	—	pCi/L	U	U	08-768	CAPA-08-10996	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	F	CS	—	Rad	EPA:901.1	Potassium-40	<	-31.2	17	57	—	pCi/L	U	U	08-442	CAPA-08-9345	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	27.1	16	46	—	pCi/L	U	U	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	20.6	30	89	—	pCi/L	U	U	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	20.3	30	37	—	pCi/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	28.8	16	39	—	pCi/L	U	U	08-768	CAPA-08-10998	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	UF	CS	—	Rad	EPA:901.1	Potassium-40	<	29.2	15	38	—	pCi/L	U	U	08-442	CAPA-08-9347	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.016	1.3	4.3	—	pCi/L	U	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.718	1.1	3.9	—	pCi/L	U	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.203	1.2	2.3	—	pCi/L	U	U	08-768	CAPA-08-10996	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	F	CS	—	Rad	EPA:901.1	Sodium-22	<	0.932	1.3	4.7	—	pCi/L	U	U	08-442	CAPA-08-9345	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-0.415	1.5	4.8	—	pCi/L	U	U	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-3.75	2.2	6.3	—	pCi/L	U	U	08-1950	CAPA-08-14892	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
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	-1.51	1.6	4.8	—	pCi/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	0.428	1.1	3.8	—	pCi/L	U	U	08-768	CAPA-08-10998	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	UF	CS	—	Rad	EPA:901.1	Sodium-22	<	1.51	1	3.9	—	pCi/L	U	U	08-442	CAPA-08-9347	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.161	0.12	0.41	—	pCi/L	U	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.509	0.17	0.48	—	pCi/L	—	—	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	—	0.701	0.17	0.47	—	pCi/L	—	—	08-768	CAPA-08-10996	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	F	CS	—	Rad	EPA:905.0	Strontium-90	<	0.396	0.14	0.44	—	pCi/L	U	U	08-442	CAPA-08-9345	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.00801	0.12	0.47	—	pCi/L	U	U	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.372	0.16	0.49	—	pCi/L	U	U	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.0594	0.14	0.48	—	pCi/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.104	0.14	0.49	—	pCi/L	U	U	08-768	CAPA-08-10998	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	UF	CS	—	Rad	EPA:905.0	Strontium-90	<	0.307	0.13	0.42	—	pCi/L	U	U	08-442	CAPA-08-9347	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	HASL-300	Thorium-228	—	0.312	0.038	0.075	—	pCi/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	HASL-300	Thorium-230	—	0.144	0.023	0.094	—	pCi/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	HASL-300	Thorium-232	—	0.3	0.036	0.044	—	pCi/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0719	0.024	0.15	—	pCi/L	U	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Rad	HASL-300	Uranium-234	<	-5.32E-09	0.021	0.2	—	pCi/L	U	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0473	0.011	0.083	—	pCi/L	U	U	08-768	CAPA-08-10996	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	F	CS	—	Rad	HASL-300	Uranium-234	<	0.0587	0.011	0.07	—	pCi/L	U	U	08-442	CAPA-08-9345	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	HASL-300	Uranium-234	—	0.121	0.023	0.098	—	pCi/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.126	0.026	0.14	—	pCi/L	U	U	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0216	0.022	0.19	—	pCi/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0532	0.013	0.078	—	pCi/L	U	U	08-768	CAPA-08-10998	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	UF	CS	—	Rad	HASL-300	Uranium-234	<	0.0594	0.012	0.073	—	pCi/L	U	U	08-442	CAPA-08-9347	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00556	0.012	0.082	—	pCi/L	U	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0138	0.02	0.1	—	pCi/L	U	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	-0.00292	0.0041	0.043	—	pCi/L	U	U	08-768	CAPA-08-10996	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	F	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00703	0.0041	0.031	—	pCi/L	U	U	08-442	CAPA-08-9345	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
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00341	0.009	0.05	—	pCi/L	U	U	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	2.91E-10	0.0069	0.072	—	pCi/L	U	U	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00667	0.0067	0.1	—	pCi/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.0137	0.0062	0.04	—	pCi/L	U	U	08-768	CAPA-08-10998	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	UF	CS	—	Rad	HASL-300	Uranium-235/236	<	0.00734	0.0043	0.032	—	pCi/L	U	U	08-442	CAPA-08-9347	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0764	0.022	0.081	—	pCi/L	U	U	08-1950	CAPA-08-14893	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0223	0.019	0.12	—	pCi/L	U	U	08-1349	CAPA-08-13035	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0213	0.0079	0.054	—	pCi/L	U	U	08-768	CAPA-08-10996	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	F	CS	—	Rad	HASL-300	Uranium-238	<	0.0398	0.0094	0.041	—	pCi/L	U	U	08-442	CAPA-08-9345	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0856	0.02	0.06	—	pCi/L	—	—	09-3278	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.134	0.026	0.071	—	pCi/L	—	—	08-1950	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0216	0.023	0.12	—	pCi/L	U	U	08-1349	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	UF	CS	—	Rad	HASL-300	Uranium-238	<	0.0466	0.011	0.051	—	pCi/L	U	U	08-768	CAPA-08-10998	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	UF	CS	—	Rad	HASL-300	Uranium-238	—	0.0693	0.012	0.043	—	pCi/L	—	—	08-442	CAPA-08-9347	GELC
Two Mile Canyon below TA-59	—	—	9/17/2009	WS	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	—	2.22	—	—	2.2	ug/L	J	J	09-3276	CAPA-09-12078	GELC
Two Mile Canyon below TA-59	—	—	9/15/2008	WS	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	<	11.1	—	—	2.2	ug/L	U	U	08-1949	CAPA-08-14892	GELC
Two Mile Canyon below TA-59	—	—	6/12/2008	WS	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	<	11.8	—	—	2.4	ug/L	U	U	08-1350	CAPA-08-13037	GELC
Two Mile Canyon below TA-59	—	—	3/7/2008	WS	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	<	11.6	—	—	2.3	ug/L	U	UJ	08-768	CAPA-08-10998	GELC
Two Mile Canyon below TA-59	—	—	12/19/2007	WS	UF	CS	—	Svoa	SW-846:8270C	Bis(2-ethylhexyl)phthalate	<	11.4	—	—	2.3	ug/L	U	U	08-442	CAPA-08-9347	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.

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).

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 Acute 100 mg Screening Level	Ratio (Result/Screening Level)	NM Aquatic Chronic 100 mg Screening Level	Ratio (Result/Screening Level)
WS	Two Mile Canyon below TA-59	09/17/09	Al	F	CS	—*	—	5290	68	µg/L	GELC	—	—	—	SW-846:6010B	750	7.05	87	60.8
WS	Two Mile Canyon below TA-59	09/17/09	Pb	F	CS	—	—	2.05	0.5	µg/L	GELC	—	—	—	SW-846:6020	—	—	2.5	0.82

*— = None.

Table D-2
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 Human Health 05 Screening Level	Ratio (Result/Screening Level)
WS	Pajarito 0.5 mi above SR-501	09/17/09	PEB	UF	CS	SVOA	Benzo(g,h,i)perylene	191-24-2	—*	0.316	0.21	µg/L	1	J	J	SV7c	SW-846:8270C	GELC	—	—
WS	Pajarito 0.5 mi above SR-501	09/17/09	PEB	UF	CS	SVOA	Dibenz(a,h)anthracene	53-70-3	—	1.83	0.21	µg/L	1	—	J	SV7c	SW-846:8270C	GELC	0.18	10.17
WS	Pajarito 0.5 mi above SR-501	09/17/09	PEB	UF	CS	SVOA	Indeno(1,2,3-cd)pyrene	193-39-5	—	0.386	0.21	µg/L	1	J	J	SV7c	SW-846:8270C	GELC	0.18	2.14
WS	Two Mile Canyon below TA-59	09/17/09	—	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	2.22	2.2	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	22	0.1
WS	Pajarito below confluences of South and North Anchor East Basin	09/15/09	—	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	2	2	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	22	0.09

*— = None.

Table D-3
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	Pajarito 0.5 mi above SR-501	09/17/09	—*	F	CS	ClO4	SW-846:6850	—	0.113	0.05	µg/L	1	J	J	J_LAB	GELC
WS	Pajarito 0.5 mi above SR-501	09/17/09	PEB	UF	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
WS	Pajarito 0.5 mi above SR-501	09/17/09	FD	F	CS	ClO4	SW-846:6850	—	0.102	0.05	µg/L	1	J	J	J_LAB	GELC
WS	Pajarito below confluences of South and North Anchor East Basin	09/15/09	—	F	CS	ClO4	SW-846:6850	—	0.47	0.05	µg/L	1	—	—	—	GELC
WS	Two Mile Canyon below TA-59	09/17/09	—	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC

*— = None.

Table D-4
Surface-Water Tritium

Field Matrix Code	Location	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
WS	Pajarito 0.5 mi above SR-501	09/17/09	H-3	UF	CS	PEB	<	-0.13	0.29	0.28737	—*	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5

*— = None.

Table D-5
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	Screening Level	Ratio (Result/Screening Level)
WS	Pajarito 0.5 mi above SR-501	09/17/09	GROSSAB	UF	CS	—*	<	3.16	1.1	2.3	pCi/L	GELC	EPA:900	—	U	R11	—	—
WS	Two Mile Canyon below TA-59	09/17/09	GROSSAB	UF	CS	—	—	5.07	1.6	3.4	pCi/L	GELC	EPA:900	—	—	—	—	—

*— = None.

Table D-6
Groundwater Metals

Zone	Location	Well Class	Port Depth (ft)	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	EPA MCL	Ratio (Result/Screening Level)	NMWQCC Standard	Ratio (Result/Screening Level)
Alluvial Spring	TW-1.72 Spring	SPRING	—*	09/16/09	Al	F	CS	—	—	24400	68	µg/L	GELC	—	—	—	SW-846:6010B	—	—	5000	4.88
Alluvial Spring	TW-1.72 Spring	SPRING	—	09/16/09	Fe	F	CS	—	—	14100	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	14.1
Alluvial Spring	TW-1.72 Spring	SPRING	—	09/16/09	Pb	F	CS	—	—	9.12	0.5	µg/L	GELC	—	—	—	SW-846:6020	15	0.61	—	—
Alluvial Spring	TW-1.72 Spring	SPRING	—	09/16/09	Pb	UF	CS	—	—	10.7	0.5	µg/L	GELC	—	—	—	SW-846:6020	15	0.71	—	—
Alluvial	PCAO-5	SINGLE	14.7	09/02/09	Fe	F	CS	—	—	7210	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	7.21
Alluvial	PCAO-5	SINGLE	14.7	09/02/09	Mn	F	CS	—	—	9570	2	µg/L	GELC	—	—	—	SW-846:6010B	—	—	200	47.85
Intermediate Spring	Starmer Spring	SPRING	—	09/16/09	Fe	F	CS	—	—	525	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	0.53
Alluvial	PCAO-7b2	SINGLE	10	09/15/09	Ba	F	CS	—	—	1740	1	µg/L	GELC	—	—	—	SW-846:6010B	2000	0.87	1000	1.74
Alluvial	PCAO-7b2	SINGLE	10	09/15/09	Ba	UF	CS	—	—	1770	1	µg/L	GELC	—	—	—	SW-846:6010B	2000	0.89	—	—
Intermediate	03-B-10	SINGLE	20.6	09/14/09	Al	F	CS	—	—	17200	68	µg/L	GELC	—	—	—	SW-846:6010B	—	—	5000	3.44
Intermediate	03-B-10	SINGLE	20.6	09/14/09	Fe	F	CS	—	—	10400	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	10.4
Intermediate	03-B-10	SINGLE	20.6	09/14/09	Pb	F	CS	—	—	10.6	0.5	µg/L	GELC	—	—	—	SW-846:6020	15	0.71	—	—
Intermediate	03-B-10	SINGLE	20.6	09/14/09	Pb	UF	CS	—	—	17.4	0.5	µg/L	GELC	—	—	—	SW-846:6020	15	1.16	—	—
Intermediate	03-B-13	SINGLE	21.5	09/11/09	Al	F	CS	FD	—	9600	68	µg/L	GELC	—	—	—	SW-846:6010B	—	—	5000	1.92
Intermediate	03-B-13	SINGLE	21.5	09/11/09	Al	F	CS	—	—	8070	68	µg/L	GELC	—	—	—	SW-846:6010B	—	—	5000	1.61
Intermediate	03-B-13	SINGLE	21.5	09/11/09	Fe	F	CS	FD	—	5850	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	5.85
Intermediate	03-B-13	SINGLE	21.5	09/11/09	Fe	F	CS	—	—	4780	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	4.78
Intermediate	03-B-13	SINGLE	21.5	09/11/09	Pb	UF	CS	FD	—	16.6	0.5	µg/L	GELC	—	—	—	SW-846:6020	15	1.11	—	—
Intermediate	03-B-13	SINGLE	21.5	09/11/09	Pb	UF	CS	—	—	16.9	0.5	µg/L	GELC	—	—	—	SW-846:6020	15	1.13	—	—
Intermediate	R-40	MULTI	649.7	08/31/09	Fe	F	CS	—	—	1320	30	µg/L	GELC	—	—	—	SW-846:6010B	—	—	1000	1.32
Intermediate	R-40	MULTI	649.7	08/31/09	Mn	F	CS	—	—	313	2	µg/L	GELC	—	—	—	SW-846:6010B	—	—	200	1.57

*— = None.

Table D-7
Groundwater Organics

Zone	Location	Well Class	Port Depth (ft)	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	EPA MCL	Ratio (Result/Screening Level)	EPA Tap Water C-5 Screening Level	Ratio (Result/Screening Level)	EPA Tap Water N Screening Level	Ratio (Result/Screening Level)	NMWQCC Standard	Ratio (Result/Screening Level)
Alluvial	CDBO-6	SINGLE	34	08/14/09	EQB	UF	CS	DIOX/FUR	Octachlorodibenzodioxin [1,2,3,4,6,7,8,9-]	3268-87-9	—*	0.00000277	0.00000277	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Alluvial	CDBO-6	SINGLE	34	08/14/09	FD	UF	CS	VOA	Chloromethane	74-87-3	—	0.382	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Alluvial	CDBO-6	SINGLE	34	08/14/09	EQB	UF	CS	VOA	Toluene	108-88-3	—	0.336	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Regional	R-37	MULTI	929.3	08/20/09	—	UF	CS	DIOX/FUR	Heptachlorodibenzodioxin [1,2,3,4,6,7,8-]	35822-46-9	—	0.000000869	0.000000869	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Regional	R-37	MULTI	929.3	08/20/09	—	UF	CS	DIOX/FUR	Heptachlorodibenzodioxins (Total)	37871-00-4	—	0.00000239	0.00000239	µg/L	1	—	—	—	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Regional	R-37	MULTI	929.3	08/20/09	EQB	UF	CS	DIOX/FUR	Octachlorodibenzodioxin [1,2,3,4,6,7,8,9-]	3268-87-9	—	0.00000306	0.00000306	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Regional	R-37	MULTI	929.3	07/13/09	—	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	2.33	2.1	µg/L	1	J	J	SV7c	SW-846:8270C	GELC	6	0.39	48	0.05	—	—	—	—
Regional	R-37	MULTI	929.3	08/20/09	—	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	4.66	2.1	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	6	0.78	48	0.1	—	—	—	—
Regional	R-37	MULTI	929.3	08/20/09	FD	UF	CS	SVOA	Dioxane[1,4-]	123-91-1	—	4.75	2.1	µg/L	1	J	J	SV7c	SW-846:8270C	GELC	—	—	61	0.08	—	—	—	—
Regional	R-37	MULTI	929.3	07/13/09	—	UF	CS	VOA	Toluene	108-88-3	—	1.33	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Regional	R-38	SINGLE	821.2	08/21/09	—	UF	CS	DIOX/FUR	Heptachlorodibenzodioxin [1,2,3,4,6,7,8-]	35822-46-9	—	0.00000147	0.00000147	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Regional	R-38	SINGLE	821.2	08/21/09	—	UF	CS	DIOX/FUR	Heptachlorodibenzodioxins (Total)	37871-00-4	—	0.00000315	0.00000315	µg/L	1	—	—	—	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Regional	R-38	SINGLE	821.2	08/21/09	—	UF	CS	SVOA	Dioxane[1,4-]	123-91-1	—	4.83	2.3	µg/L	1	J	J	SV7c	SW-846:8270C	GELC	—	—	61	0.08	—	—	—	—
Regional	R-38	SINGLE	821.2	08/21/09	—	UF	CS	VOA	Toluene	108-88-3	—	0.717	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Regional	R-41	MULTI	965.3	09/01/09	FD	UF	CS	VOA	Chloromethane	74-87-3	—	0.342	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Alluvial	PCAO-5	SINGLE	14.7	09/02/09	FD	UF	CS	VOA	Toluene	108-88-3	—	3.77	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	0.01
Alluvial	PCAO-5	SINGLE	14.7	09/02/09	—	UF	CS	VOA	Toluene	108-88-3	—	3.65	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Alluvial	18-MW-8	SINGLE	8	09/08/09	FTB	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	Homestead Spring	SPRING	—	09/16/09	—	UF	CS	VOA	Chloromethane	74-87-3	—	0.325	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Intermediate Spring	Anderson Spring	SPRING	—	09/15/09	—	UF	CS	VOA	Chloroform	67-66-3	—	0.391	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	80	—	1.9	0.21	—	—	100	—
Intermediate Spring	Kieling Spring	SPRING	—	09/15/09	—	UF	CS	HEXP	HMX	2691-41-0	—	0.122	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Intermediate Spring	Kieling Spring	SPRING	—	09/15/09	—	UF	CS	HEXP	RDX	121-82-4	—	0.114	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	6.1	0.02	—	—	—	—
Intermediate Spring	Kieling Spring	SPRING	—	09/15/09	—	UF	CS	HEXP	TATB	3058-38-6	—	0.436	0.39	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	—	—	—	—	—	—
Intermediate Spring	Kieling Spring	SPRING	—	09/15/09	FTB	UF	CS	VOA	Acetone	67-64-1	—	3.88	3.5	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—

Table D-7 (continued)

Zone	Location	Well Class	Port Depth (ft)	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	EPA MCL	Ratio (Result/Screening Level)	EPA Tap Water C-5 Screening Level	Ratio (Result/Screening Level)	EPA Tap Water N Screening Level	Ratio (Result/Screening Level)	NMWQCC Standard	Ratio (Result/Screening Level)
Intermediate Spring	Kieling Spring	SPRING	—	09/15/09	—	UF	CS	VOA	Chloromethane	74-87-3	—	0.302	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Intermediate Spring	Bulldog Spring	SPRING	—	09/15/09	—	UF	CS	HEXP	Amino-2,6-dinitrotoluene[4-]	19406-51-0	—	0.237	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	—	—	73	—	—	—
Intermediate Spring	Bulldog Spring	SPRING	—	09/15/09	—	UF	CS	HEXP	Amino-4,6-dinitrotoluene[2-]	35572-78-2	—	0.132	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	—	—	73	—	—	—
Intermediate Spring	Bulldog Spring	SPRING	—	09/15/09	—	UF	CS	HEXP	HMX	2691-41-0	—	3.88	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	—	—	1800	—	—	—
Intermediate Spring	Bulldog Spring	SPRING	—	09/15/09	—	UF	CS	HEXP	RDX	121-82-4	—	4.88	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	6.1	0.8	—	—	—	—
Intermediate Spring	Bulldog Spring	SPRING	—	09/15/09	FTB	UF	CS	VOA	Acetone	67-64-1	—	5.16	3.5	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Alluvial	18-MW-11	SINGLE	27	09/04/09	FD	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	2.15	2.1	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	6	0.36	48	0.04	—	—	—	—
Alluvial	18-MW-11	SINGLE	27	09/04/09	—	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	2.26	2.2	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	6	0.38	48	0.05	—	—	—	—
Alluvial	18-MW-11	SINGLE	27	09/04/09	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.34	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Alluvial	PCAO-7a	SINGLE	9.7	09/17/09	—	UF	CS	DIOX/FUR	Octachlorodibenzodioxin [1,2,3,4,6,7,8,9-]	3268-87-9	—	0.00000243	0.00000243	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Intermediate	03-B-10	SINGLE	20.6	09/14/09	—	UF	CS	SVOA	Dioxane[1,4-]	123-91-1	—	24.3	2.2	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	61	0.4	—	—	—	—
Intermediate	03-B-10	SINGLE	20.6	09/14/09	—	UF	CS	VOA	Chloroform	67-66-3	—	0.53	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	80	0.01	1.9	0.28	—	—	100	0.01
Alluvial	PCAO-7b2	SINGLE	10	09/15/09	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.31	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Intermediate	03-B-10	SINGLE	20.6	09/14/09	—	UF	CS	VOA	Dichloroethane[1,1-]	75-34-3	—	1.62	0.3	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	24	0.07	—	—	25	0.06
Intermediate	03-B-10	SINGLE	20.6	09/14/09	—	UF	CS	VOA	Dichloroethene[1,1-]	75-35-4	—	1.51	0.3	µg/L	1	—	—	—	SW-846:8260B	GELC	7	0.22	—	—	340	—	5	0.3
Intermediate	03-B-10	SINGLE	20.6	09/14/09	—	UF	CS	VOA	Trichloroethane[1,1,1-]	71-55-6	—	87.8	0.33	µg/L	1	—	—	—	SW-846:8260B	GELC	200	0.44	—	—	9100	0.01	60	1.46
Intermediate	03-B-10	SINGLE	20.6	09/14/09	—	UF	CS	VOA	Trichloroethene	79-01-6	—	0.86	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.17	17	0.05	—	—	100	0.01
Intermediate	03-B-13	SINGLE	21.5	09/11/09	FD	UF	CS	SVOA	Dioxane[1,4-]	123-91-1	—	15.5	2.2	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	61	0.25	—	—	—	—
Intermediate	03-B-13	SINGLE	21.5	09/11/09	—	UF	CS	SVOA	Dioxane[1,4-]	123-91-1	—	14.6	2.2	µg/L	1	—	—	—	SW-846:8270C	GELC	—	—	61	0.24	—	—	—	—
Intermediate	03-B-13	SINGLE	21.5	09/11/09	FD	UF	CS	VOA	Chloroform	67-66-3	—	0.4	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	80	0.01	1.9	0.21	—	—	100	—
Intermediate	03-B-13	SINGLE	21.5	09/11/09	—	UF	CS	VOA	Chloroform	67-66-3	—	0.41	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	80	0.01	1.9	0.22	—	—	100	—
Intermediate	03-B-13	SINGLE	21.5	09/11/09	FD	UF	CS	VOA	Dichloroethane[1,1-]	75-34-3	—	1.2	0.3	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	24	0.05	—	—	25	0.05
Intermediate	03-B-13	SINGLE	21.5	09/11/09	—	UF	CS	VOA	Dichloroethane[1,1-]	75-34-3	—	1.29	0.3	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	24	0.05	—	—	25	0.05
Intermediate	03-B-13	SINGLE	21.5	09/11/09	FD	UF	CS	VOA	Dichloroethene[1,1-]	75-35-4	—	0.94	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	7	0.13	—	—	340	—	5	0.19
Intermediate	03-B-13	SINGLE	21.5	09/11/09	—	UF	CS	VOA	Dichloroethene[1,1-]	75-35-4	—	1.05	0.3	µg/L	1	—	—	—	SW-846:8260B	GELC	7	0.15	—	—	340	—	5	0.21
Intermediate	03-B-13	SINGLE	21.5	09/11/09	FB	UF	CS	VOA	Methylene Chloride	75-09-2	—	3.6	3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.72	48	0.08	—	—	100	0.04
Intermediate	03-B-13	SINGLE	21.5	09/11/09	FD	UF	CS	VOA	Trichloroethane[1,1,1-]	71-55-6	—	59.7	0.33	µg/L	1	—	—	—	SW-846:8260B	GELC	200	0.3	—	—	9100	0.01	60	1

Table D-7 (continued)

Zone	Location	Well Class	Port Depth (ft)	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	EPA MCL	Ratio (Result/Screening Level)	EPA Tap Water C-5 Screening Level	Ratio (Result/Screening Level)	EPA Tap Water N Screening Level	Ratio (Result/Screening Level)	NMWQCC Standard	Ratio (Result/Screening Level)
Intermediate	03-B-13	SINGLE	21.5	09/11/09	—	UF	CS	VOA	Trichloroethane[1,1,1-]	71-55-6	—	65.1	0.33	µg/L	1	—	—	—	SW-846:8260B	GELC	200	0.33	—	—	9100	0.01	60	1.09
Intermediate	03-B-13	SINGLE	21.5	09/11/09	FD	UF	CS	VOA	Trichloroethene	79-01-6	—	0.59	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.12	17	0.03	—	—	100	0.01
Intermediate	03-B-13	SINGLE	21.5	09/11/09	—	UF	CS	VOA	Trichloroethene	79-01-6	—	0.61	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.12	17	0.04	—	—	100	0.01
Intermediate	PCI-2	SINGLE	512	09/04/09	FD	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	2.38	2.1	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	6	0.4	48	0.05	—	—	—	—
Intermediate	PCI-2	SINGLE	512	09/04/09	—	UF	CS	SVOA	Bis(2-ethylhexyl)phthalate	117-81-7	—	2.49	2.4	µg/L	1	J	J	J_LAB	SW-846:8270C	GELC	6	0.42	48	0.05	—	—	—	—
Intermediate	PCI-2	SINGLE	512	09/04/09	—	UF	CS	VOA	Methylene Chloride	75-09-2	—	3.81	3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.76	48	0.08	—	—	100	0.04
Intermediate	R-40	MULTI	649.7	08/31/09	—	UF	CS	DIOX/FUR	Heptachlorodibenzodioxin [1,2,3,4,6,7,8-]	35822-46-9	—	0.000000919	0.000000919	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Intermediate	R-40	MULTI	649.7	08/31/09	—	UF	CS	DIOX/FUR	Heptachlorodibenzodioxins (Total)	37871-00-4	—	0.00000235	0.00000235	µg/L	1	B	J	DF4a	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Intermediate	R-40	MULTI	649.7	08/31/09	FTB	UF	CS	VOA	Acetone	67-64-1	—	4.55	3.5	µg/L	1	J	J	V7c	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Intermediate	R-40	MULTI	649.7	08/31/09	FD	UF	CS	VOA	Chloromethane	74-87-3	—	0.353	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Intermediate	R-40	MULTI	649.7	08/31/09	FD	UF	CS	VOA	Toluene	108-88-3	—	24.2	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	1000	0.02	—	—	2300	0.01	750	0.03
Intermediate	R-40	MULTI	649.7	08/31/09	—	UF	CS	VOA	Toluene	108-88-3	—	23.9	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	1000	0.02	—	—	2300	0.01	750	0.03
Intermediate	R-23i	MULTI	400.3	09/10/09	EQB	UF	CS	DIOX/FUR	Octachlorodibenzodioxin [1,2,3,4,6,7,8,9-]	3268-87-9	—	0.00000201	0.00000201	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Intermediate	R-23i	MULTI	400.3	09/10/09	FTB	UF	CS	VOA	Methylene Chloride	75-09-2	—	3.16	3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.63	48	0.07	—	—	100	0.03
Regional	R-18	SINGLE	1358	09/14/09	FD	UF	CS	HEXP	RDX	121-82-4	—	0.503	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	6.1	0.08	—	—	—	—
Regional	R-18	SINGLE	1358	09/14/09	—	UF	CS	HEXP	RDX	121-82-4	—	0.617	0.1	µg/L	2	—	—	—	SW-846:8321A_MOD	GELC	—	—	6.1	0.1	—	—	—	—
Regional	R-17	MULTI	1124	09/11/09	—	UF	CS	VOA	Chloromethane	74-87-3	—	0.39	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional	R-19	MULTI	1190.7	09/14/09	FTB	UF	CS	VOA	Acetone	67-64-1	—	3.65	3.5	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	22000	—	—	—
Regional	R-19	MULTI	1190.7	09/14/09	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.302	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—
Regional	R-19	MULTI	1412.9	09/16/09	—	UF	CS	PEST/PCB	BHC[gamma-]	58-89-9	—	0.0102	0.0064	µg/L	1	J	J-	P9	SW-846:8081A	GELC	0.2	0.05	0.61	0.02	—	—	—	—
Alluvial	PCAO-8	SINGLE	9.7	09/10/09	—	UF	CS	VOA	Methylene Chloride	75-09-2	—	3.2	3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	5	0.64	48	0.07	—	—	100	0.03
Regional	R-20	MULTI	1147.1	09/03/09	—	UF	CS	HEXP	Nitrobenzene	98-95-3	—	0.154	0.1	µg/L	2	J	J	J_LAB	SW-846:8321A_MOD	GELC	—	—	1.2	0.13	—	—	—	—
Regional	R-20	MULTI	1147.1	09/03/09	FD	UF	CS	VOA	Ethylbenzene	100-41-4	—	0.265	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	700	—	15	0.02	—	—	750	—
Regional	R-20	MULTI	1147.1	09/03/09	—	UF	CS	VOA	Ethylbenzene	100-41-4	—	0.272	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	700	—	15	0.02	—	—	750	—
Regional	R-20	MULTI	1147.1	09/03/09	FD	UF	CS	VOA	Toluene	108-88-3	—	0.327	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Regional	R-20	MULTI	1147.1	09/03/09	—	UF	CS	VOA	Toluene	108-88-3	—	0.341	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	1000	—	—	—	2300	—	750	—
Regional	R-20	MULTI	1147.1	09/03/09	FD	UF	CS	VOA	Trichloroethene	79-01-6	—	2.39	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	5	0.48	17	0.14	—	—	100	0.02
Regional	R-20	MULTI	1147.1	09/03/09	—	UF	CS	VOA	Trichloroethene	79-01-6	—	2.6	0.25	µg/L	1	—	—	—	SW-846:8260B	GELC	5	0.52	17	0.15	—	—	100	0.03
Regional	R-20	MULTI	1147.1	09/03/09	FD	UF	CS	VOA	Xylene[1,2-]	95-47-6	—	0.419	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	1400	—	—	—
Regional	R-20	MULTI	1147.1	09/03/09	—	UF	CS	VOA	Xylene[1,2-]	95-47-6	—	0.403	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	1400	—	—	—

Table D-7 (continued)

Zone	Location	Well Class	Port Depth (ft)	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	EPA MCL	Ratio (Result/Screening Level)	EPA Tap Water C-5 Screening Level	Ratio (Result/Screening Level)	EPA Tap Water N Screening Level	Ratio (Result/Screening Level)	NMWQCC Standard	Ratio (Result/Screening Level)
Regional	R-20	MULTI	1147.1	09/03/09	FD	UF	CS	VOA	Xylene[1,3-]+Xylene[1,4-]	Xylene[1,3 and 1,4]	—	2.99	0.5	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	—	—	—	—	—	—
Regional	R-20	MULTI	1147.1	09/03/09	—	UF	CS	VOA	Xylene[1,3-]+Xylene[1,4-]	Xylene[1,3 and 1,4]	—	3	0.5	µg/L	1	—	—	—	SW-846:8260B	GELC	—	—	—	—	—	—	—	—
Regional	R-32	SINGLE	867.5	08/31/09	—	UF	CS	DIOX/FUR	Heptachlorodibenzodioxin [1,2,3,4,6,7,8-]	35822-46-9	—	0.000000706	0.000000706	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Regional	R-32	SINGLE	867.5	08/31/09	—	UF	CS	DIOX/FUR	Heptachlorodibenzodioxins (Total)	37871-00-4	—	0.00000186	0.00000186	µg/L	1	B	J	DF4a	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Regional	R-32	SINGLE	867.5	08/31/09	—	UF	CS	VOA	Isopropylbenzene	98-82-8	—	0.272	0.25	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	680	—	—	—
Regional	R-49	MULTI	905.6	09/01/09	—	UF	CS	DIOX/FUR	Heptachlorodibenzodioxin [1,2,3,4,6,7,8-]	35822-46-9	—	0.000000712	0.000000712	µg/L	1	J	J	J_LAB	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Regional	R-49	MULTI	905.6	09/01/09	—	UF	CS	DIOX/FUR	Heptachlorodibenzodioxins (Total)	37871-00-4	—	0.00000172	0.00000172	µg/L	1	B	J	DF4a	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Regional	R-39	SINGLE	859	09/02/09	—	UF	CS	DIOX/FUR	Heptachlorodibenzodioxins (Total)	37871-00-4	—	0.00000258	0.00000258	µg/L	1	B	J	DF4a	SW-846:8290	ALTC	—	—	—	—	—	—	—	—
Regional	R-39	SINGLE	859	09/02/09	FTB	UF	CS	VOA	Chloromethane	74-87-3	—	0.365	0.3	µg/L	1	J	J	J_LAB	SW-846:8260B	GELC	—	—	—	—	190	—	—	—

*— = None.

Table D-8
Groundwater Inorganics

Analyte	Zone	Location	Well Class	Port Depth (ft)	Start Date	Field Preparation Code	Field QC Type Code	Lab Sample Type Code	Symbol	Result	Uncertainty	Method Detection Limit	Unit	Load Date	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	NMWQCC Standard	Ratio (Result/Screening Level)
Cl(-1)	Alluvial	PCAO-7a	SINGLE	9.7	09/17/09	F	—*	CS	—	147	—	0.66	mg/L	10/23/09	GELC	—	—	—	250	0.59
Cl(-1)	Alluvial	PCAO-7b2	SINGLE	10	09/15/09	F	—	CS	—	764	—	6.6	mg/L	10/22/09	GELC	—	—	—	250	3.06
Cl(-1)	Alluvial	18-MW-18	SINGLE	12.5	09/02/09	F	—	CS	—	275	—	1.3	mg/L	10/07/09	GELC	—	—	—	250	1.1
F(-1)	Intermediate	R-19	MULTI	909.3	09/10/09	F	—	CS	—	0.849	—	0.033	mg/L	10/21/09	GELC	—	—	—	1.6	0.53
TDS	Alluvial	PCAO-7b2	SINGLE	10	09/15/09	F	—	CS	—	1690	—	2.4	mg/L	10/22/09	GELC	—	—	—	1000	1.69
TDS	Alluvial	18-MW-18	SINGLE	12.5	09/02/09	F	—	CS	—	717	—	2.4	mg/L	10/07/09	GELC	—	J	I10a	1000	0.72

*— = None.

Table D-9
Groundwater Perchlorate

Zone	Location	Well Class	Port Depth (ft)	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
Alluvial	CDBO-6	SINGLE	34	08/14/09	—*	F	CS	ClO4	SW-846:6850	—	0.302	0.05	µg/L	1	—	—	—	GELC
Regional	R-37	MULTI	929	07/13/09	—	F	CS	ClO4	SW-846:6850	—	0.613	0.05	µg/L	1	—	—	—	GELC
Regional	R-37	MULTI	929	08/20/09	—	F	CS	ClO4	SW-846:6850	—	0.435	0.05	µg/L	1	—	—	—	GELC
Regional	R-38	SINGLE	821	08/21/09	—	F	CS	ClO4	SW-846:6850	—	0.333	0.05	µg/L	1	—	—	—	GELC
Regional	R-21	SINGLE	889	08/18/09	—	F	CS	ClO4	SW-846:6850	—	0.317	0.05	µg/L	1	—	J+	PE12f	GELC
Regional	R-41	MULTI	965	09/01/09	—	F	CS	ClO4	SW-846:6850	—	0.364	0.05	µg/L	1	—	—	—	GELC
Alluvial Spring	TW-1.72 Spring	SPRING	—	09/16/09	—	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Alluvial	PCAO-5	SINGLE	15	09/02/09	—	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Alluvial	18-BG-1	SINGLE	10	09/03/09	—	F	CS	ClO4	SW-846:6850	—	0.306	0.05	µg/L	1	—	—	—	GELC
Alluvial	18-BG-1	SINGLE	10	09/03/09	FD	F	CS	ClO4	SW-846:6850	—	0.306	0.05	µg/L	1	—	—	—	GELC
Alluvial	18-MW-8	SINGLE	8	09/08/09	—	F	CS	ClO4	SW-846:6850	—	0.176	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate Spring	PC Spring	SPRING	—	09/17/09	—	F	CS	ClO4	SW-846:6850	—	0.271	0.05	µg/L	1	—	—	—	GELC
Intermediate Spring	Homestead Spring	SPRING	—	09/16/09	—	F	CS	ClO4	SW-846:6850	—	0.113	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate Spring	Homestead Spring	SPRING	—	09/16/09	FD	F	CS	ClO4	SW-846:6850	—	0.114	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate Spring	Starmer Spring	SPRING	—	09/16/09	—	F	CS	ClO4	SW-846:6850	—	0.173	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate Spring	Anderson Spring	SPRING	—	09/15/09	—	F	CS	ClO4	SW-846:6850	—	0.374	0.05	µg/L	1	—	—	—	GELC
Intermediate Spring	Kieling Spring	SPRING	—	09/15/09	—	F	CS	ClO4	SW-846:6850	—	0.474	0.05	µg/L	1	—	—	—	GELC
Intermediate Spring	Charlie's Spring	SPRING	—	09/16/09	—	F	CS	ClO4	SW-846:6850	—	0.259	0.05	µg/L	1	—	—	—	GELC
Intermediate Spring	Bulldog Spring	SPRING	—	09/15/09	—	F	CS	ClO4	SW-846:6850	—	0.846	0.05	µg/L	1	—	—	—	GELC
Alluvial	18-MW-11	SINGLE	27	09/04/09	—	F	CS	ClO4	SW-846:6850	—	0.337	0.05	µg/L	1	—	—	—	GELC
Alluvial	18-MW-9	SINGLE	6	09/09/09	—	F	CS	ClO4	SW-846:6850	—	0.326	0.05	µg/L	1	—	—	—	GELC
Alluvial	18-MW-9	SINGLE	6	09/09/09	FD	F	CS	ClO4	SW-846:6850	—	0.328	0.05	µg/L	1	—	—	—	GELC
Alluvial	PCAO-7a	SINGLE	10	09/17/09	—	F	CS	ClO4	SW-846:6850	—	0.308	0.05	µg/L	1	—	—	—	GELC
Intermediate	03-B-10	SINGLE	21	09/14/09	—	F	CS	ClO4	SW-846:6850	—	0.0632	0.05	µg/L	1	J	J	J_LAB	GELC
Alluvial	PCAO-7b2	SINGLE	10	09/15/09	—	F	CS	ClO4	SW-846:6850	—	0.279	0.05	µg/L	1	—	—	—	GELC
Intermediate	03-B-13	SINGLE	22	09/11/09	—	F	CS	ClO4	SW-846:6850	—	0.0723	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate	03-B-13	SINGLE	22	09/11/09	FD	F	CS	ClO4	SW-846:6850	—	0.0707	0.05	µg/L	1	J	J	J_LAB	GELC
Alluvial	PCAO-7c	SINGLE	10	09/14/09	—	F	CS	ClO4	SW-846:6850	—	0.0752	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate	PCI-2	SINGLE	512	09/04/09	—	F	CS	ClO4	SW-846:6850	—	0.174	0.05	µg/L	1	J	J	J_LAB	GELC

Table D-9 (continued)

Zone	Location	Well Class	Port Depth (ft)	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
Intermediate	R-19	MULTI	909	09/10/09	—	F	CS	ClO4	SW-846:6850	—	0.355	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-40	MULTI	650	08/31/09	—	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Intermediate	R-40	MULTI	752	09/04/09	—	F	CS	ClO4	SW-846:6850	—	0.0693	0.05	µg/L	1	J	J	J_LAB	GELC
Intermediate	R-23i	MULTI	400	09/10/09	—	F	CS	ClO4	SW-846:6850	—	0.236	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-23i	MULTI	470	09/08/09	—	F	CS	ClO4	SW-846:6850	—	0.237	0.05	µg/L	1	—	—	—	GELC
Intermediate	R-23i	MULTI	524	09/09/09	—	F	CS	ClO4	SW-846:6850	—	0.277	0.05	µg/L	1	—	—	—	GELC
Regional	R-18	SINGLE	1358	09/14/09	—	F	CS	ClO4	SW-846:6850	—	0.247	0.05	µg/L	1	—	—	—	GELC
Regional	R-18	SINGLE	1358	09/14/09	FD	F	CS	ClO4	SW-846:6850	—	0.229	0.05	µg/L	1	—	—	—	GELC
Regional	R-17	MULTI	1057	09/11/09	—	F	CS	ClO4	SW-846:6850	—	0.262	0.05	µg/L	1	—	—	—	GELC
Regional	R-17	MULTI	1124	09/11/09	—	F	CS	ClO4	SW-846:6850	—	0.275	0.05	µg/L	1	—	—	—	GELC
Regional	R-19	MULTI	1191	09/14/09	—	F	CS	ClO4	SW-846:6850	—	0.217	0.05	µg/L	1	—	—	—	GELC
Alluvial	18-MW-18	SINGLE	13	09/02/09	—	F	CS	ClO4	SW-846:6850	—	0.162	0.05	µg/L	1	J	J	J_LAB	GELC
Regional	R-19	MULTI	1413	09/16/09	—	F	CS	ClO4	SW-846:6850	—	0.294	0.05	µg/L	1	—	—	—	GELC
Regional	R-40	MULTI	849	09/03/09	—	F	CS	ClO4	SW-846:6850	—	0.245	0.05	µg/L	1	—	—	—	GELC
Regional	R-20	MULTI	905	09/02/09	—	F	CS	ClO4	SW-846:6850	—	0.2	0.05	µg/L	1	J	J	J_LAB	GELC
Regional	R-20	MULTI	1147	09/03/09	—	F	CS	ClO4	SW-846:6850	<	0.2	0.05	µg/L	1	U	U	U_LAB	GELC
Regional	R-32	SINGLE	868	08/31/09	—	F	CS	ClO4	SW-846:6850	—	0.363	0.05	µg/L	1	—	—	—	GELC
Regional	R-49	MULTI	845	09/01/09	—	F	CS	ClO4	SW-846:6850	—	0.342	0.05	µg/L	1	—	—	—	GELC
Regional	R-49	MULTI	906	09/01/09	—	F	CS	ClO4	SW-846:6850	—	0.345	0.05	µg/L	1	—	—	—	GELC
Regional	R-39	SINGLE	859	09/02/09	—	F	CS	ClO4	SW-846:6850	—	0.374	0.05	µg/L	1	—	—	—	GELC
Regional	R-23	SINGLE	816	09/03/09	—	F	CS	ClO4	SW-846:6850	—	0.453	0.05	µg/L	1	—	—	—	GELC
Regional	R-23	SINGLE	816	09/03/09	FD	F	CS	ClO4	SW-846:6850	—	0.461	0.05	µg/L	1	—	—	—	GELC
Previously Unreported Results																		
Regional	R-20	MULTI	905	03/10/09	—	F	CS	ClO4	SW-846:6850	—	0.173	0.05	µg/L	1	J	J	PE16a	GELC

*— = None.

Table D-10
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	Unit	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
Alluvial	CDBO-6	SINGLE	34	08/14/09	H-3	UF	CS	—*	—	74.08	2.55	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional	R-37	MULTI	929.3	07/13/09	H-3	UF	CS	—	—	11.49	0.38	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional	R-37	MULTI	929.3	08/20/09	H-3	UF	CS	—	—	1.50	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional	R-38	SINGLE	821.2	08/21/09	H-3	UF	CS	—	—	40.55	1.28	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional	R-21	SINGLE	888.8	08/18/09	H-3	UF	CS	—	<	0.22	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-41	MULTI	965.3	09/01/09	H-3	UF	CS	—	<	0.22	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Alluvial Spring	TW-1.72 Spring	SPRING	—	09/16/09	H-3	UF	CS	—	—	30.33	0.96	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Alluvial	PCAO-5	SINGLE	14.7	09/02/09	H-3	UF	CS	—	—	46.94	1.60	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Alluvial	18-BG-1	SINGLE	10	09/03/09	H-3	UF	CS	FD	—	51.73	1.60	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Alluvial	18-BG-1	SINGLE	10	09/03/09	H-3	UF	CS	—	—	51.73	1.60	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Alluvial	18-MW-8	SINGLE	8	09/08/09	H-3	UF	CS	—	—	42.79	1.28	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Intermediate Spring	PC Spring	SPRING	—	09/17/09	H-3	UF	CS	—	—	23.50	0.77	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Intermediate Spring	Homestead Spring	SPRING	—	09/16/09	H-3	UF	CS	FD	—	25.16	0.83	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Intermediate Spring	Homestead Spring	SPRING	—	09/16/09	H-3	UF	CS	—	—	25.07	0.83	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Intermediate Spring	Starmer Spring	SPRING	—	09/16/09	H-3	UF	CS	—	—	28.67	0.96	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Intermediate Spring	Anderson Spring	SPRING	—	09/15/09	H-3	UF	CS	—	<	0.80	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	U	R11
Intermediate Spring	Kieling Spring	SPRING	—	09/15/09	H-3	UF	CS	—	—	62.90	2.24	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Intermediate Spring	Charlie's Spring	SPRING	—	09/16/09	H-3	UF	CS	—	—	35.76	1.28	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Intermediate Spring	Bulldog Spring	SPRING	—	09/15/09	H-3	UF	CS	—	—	51.73	1.60	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Alluvial	18-MW-11	SINGLE	27	09/04/09	H-3	UF	CS	—	—	59.71	1.92	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Alluvial	18-MW-9	SINGLE	6	09/09/09	H-3	UF	CS	FD	—	89.40	2.87	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Alluvial	18-MW-9	SINGLE	6	09/09/09	H-3	UF	CS	—	—	89.08	2.87	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Alluvial	PCAO-7a	SINGLE	9.7	09/17/09	H-3	UF	CS	—	—	54.92	1.92	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Intermediate	03-B-10	SINGLE	20.6	09/14/09	H-3	UF	CS	—	—	169.55	5.75	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Alluvial	PCAO-7c	SINGLE	9.7	09/14/09	H-3	UF	CS	—	—	64.4986	1.9158	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Intermediate	03-B-13	SINGLE	21.5	09/11/09	H-3	UF	CS	FD	—	130.5937	4.1509	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Intermediate	03-B-13	SINGLE	21.5	09/11/09	H-3	UF	CS	—	—	128.6779	4.21476	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Intermediate	PCI-2	SINGLE	512	09/04/09	H-3	UF	CS	—	<	-0.19158	0.28737	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Intermediate	R-19	MULTI	909.3	09/10/09	H-3	UF	CS	—	<	0.70	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	U	R11

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	Analytical Method Code	Lab Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code
Intermediate	R-40	MULTI	649.7	08/31/09	H-3	UF	CS	—	<	0.19	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Intermediate	R-40	MULTI	751.6	09/04/09	H-3	UF	CS	—	<	-0.26	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Intermediate	R-23i	MULTI	400.3	09/10/09	H-3	UF	CS	—	—	188.71	6.07	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Intermediate	R-23i	MULTI	470.2	09/08/09	H-3	UF	CS	—	—	30.33	0.96	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Intermediate	R-23i	MULTI	524	09/09/09	H-3	UF	CS	—	—	36.4002	1.2772	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional	R-18	SINGLE	1358	09/14/09	H-3	UF	CS	FD	<	0.6386	0.28737	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	U	R11
Regional	R-18	SINGLE	1358	09/14/09	H-3	UF	CS	—	<	0.15965	0.28737	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-17	MULTI	1057	09/11/09	H-3	UF	CS	—	<	-0.3193	0.28737	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-17	MULTI	1124	09/11/09	H-3	UF	CS	—	<	-0.15965	0.28737	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-19	MULTI	1190.7	09/14/09	H-3	UF	CS	—	<	0.13	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Alluvial	18-MW-18	SINGLE	12.5	09/02/09	H-3	UF	CS	—	—	56.84	1.92	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	—	—
Regional	R-19	MULTI	1412.9	09/16/09	H-3	UF	CS	—	<	0.80	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	U	R11
Regional	R-40	MULTI	849.3	09/03/09	H-3	UF	CS	—	<	0.16	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-20	MULTI	904.6	09/02/09	H-3	UF	CS	—	<	-0.03	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-20	MULTI	1147.1	09/03/09	H-3	UF	CS	—	<	—	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-32	SINGLE	867.5	08/31/09	H-3	UF	CS	—	<	-0.10	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-49	MULTI	845	09/01/09	H-3	UF	CS	—	<	-0.22	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-49	MULTI	905.6	09/01/09	H-3	UF	CS	—	<	0.22	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-39	SINGLE	859	09/02/09	H-3	UF	CS	—	<	-0.06	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-23	SINGLE	816	09/03/09	H-3	UF	CS	FD	<	-0.26	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	U	U	R5
Regional	R-23	SINGLE	816	09/03/09	H-3	UF	CS	—	<	0.38	0.29	0.28737	pCi/L	Generic:Low_Level_Tritium	UMTL	—	U	R11

*— = None.

Table D-11
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)	NMWQCC Standard	Ratio (Result/Screening Level)	NMED Radiation Protection Screening Level	Ratio (Result/Screening Level)
Alluvial	CDBO-6	SINGLE	34	08/14/09	Ra-226	UF	CS	—*	—	0.374	0.12	0.32	pCi/L	GELC	EPA:903.1	—	—	—	100	—	4	0.09	5	0.07	30	0.01	60	0.01
Regional	R-37	MULTI	929.3	08/20/09	Ra-226	UF	CS	—	<	0.422	0.14	0.34	pCi/L	GELC	EPA:903.1	—	U	R11	100	—	4	0.11	5	0.08	30	0.01	60	0.01
Regional	R-37	MULTI	929.3	08/20/09	Ra-228	UF	CS	—	—	3.05	0.74	1.7	pCi/L	GELC	EPA:904	—	—	—	100	0.03	4	0.76	5	0.61	30	0.1	60	0.05
Regional	R-37	MULTI	929.3	08/20/09	Sr-90	UF	CS	—	—	1.65	0.17	0.22	pCi/L	GELC	EPA:905.0	—	—	—	1000	—	40	0.04	8	0.21	—	—	500	—
Alluvial Spring	TW-1.72 Spring	SPRING	—	09/16/09	Th-228	UF	CS	—	—	0.628	0.06	0.064	pCi/L	GELC	HASL-300:ISOTH	—	—	—	400	—	16	0.04	—	—	—	—	—	—
Alluvial Spring	TW-1.72 Spring	SPRING	—	09/16/09	Th-230	UF	CS	—	—	0.233	0.029	0.08	pCi/L	GELC	HASL-300:ISOTH	—	—	—	300	—	12	0.02	—	—	—	—	—	—
Alluvial Spring	TW-1.72 Spring	SPRING	—	09/16/09	Th-232	UF	CS	—	—	0.524	0.05	0.038	pCi/L	GELC	HASL-300:ISOTH	—	—	—	50	0.01	2	0.26	—	—	—	—	—	—
Alluvial	PCAO-5	SINGLE	14.7	09/02/09	Ra-228	UF	CS	—	—	1.74	0.45	1	pCi/L	GELC	EPA:904	—	—	—	100	0.02	4	0.44	5	0.35	30	0.06	60	0.03
Alluvial	18-BG-1	SINGLE	10	09/03/09	Ra-226	UF	CS	—	—	0.805	0.25	0.56	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.2	5	0.16	30	0.03	60	0.01
Alluvial	18-MW-8	SINGLE	8	09/08/09	Ra-226	UF	CS	—	—	1.36	0.37	0.61	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.34	5	0.27	30	0.05	60	0.02
Intermediate Spring	Homestead Spring	SPRING	—	09/16/09	Th-232	UF	CS	—	—	0.0562	0.013	0.039	pCi/L	GELC	HASL-300:ISOTH	—	—	—	50	—	2	0.03	—	—	—	—	—	—
Intermediate Spring	Charlie's Spring	SPRING	—	09/16/09	Th-228	UF	CS	—	—	0.0808	0.019	0.067	pCi/L	GELC	HASL-300:ISOTH	—	—	—	400	—	16	0.01	—	—	—	—	—	—
Intermediate Spring	Charlie's Spring	SPRING	—	09/16/09	Th-232	UF	CS	—	—	0.0813	0.016	0.04	pCi/L	GELC	HASL-300:ISOTH	—	—	—	50	—	2	0.04	—	—	—	—	—	—
Alluvial	18-MW-11	SINGLE	27	09/04/09	Ra-226	UF	CS	—	—	1.35	0.4	0.75	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.34	5	0.27	30	0.05	60	0.02
Alluvial	PCAO-7a	SINGLE	9.7	09/17/09	Ra-228	UF	CS	—	<	0.783	0.27	0.7	pCi/L	GELC	EPA:904	—	U	R11	100	0.01	4	0.2	5	0.16	30	0.03	60	0.01
Intermediate	03-B-10	SINGLE	20.6	09/14/09	Ra-226	UF	CS	—	—	0.874	0.22	0.31	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.22	5	0.17	30	0.03	60	0.01
Intermediate	03-B-10	SINGLE	20.6	09/14/09	Ra-228	UF	CS	—	—	2.48	0.52	0.99	pCi/L	GELC	EPA:904	—	—	—	100	0.02	4	0.62	5	0.5	30	0.08	60	0.04
Intermediate	03-B-10	SINGLE	20.6	09/14/09	Th-228	UF	CS	—	—	0.584	0.056	0.067	pCi/L	GELC	HASL-300:ISOTH	—	—	—	400	—	16	0.04	—	—	—	—	—	—
Intermediate	03-B-10	SINGLE	20.6	09/14/09	Th-230	UF	CS	—	—	0.255	0.031	0.084	pCi/L	GELC	HASL-300:ISOTH	—	—	—	300	—	12	0.02	—	—	—	—	—	—
Intermediate	03-B-10	SINGLE	20.6	09/14/09	Th-232	UF	CS	—	—	0.554	0.053	0.04	pCi/L	GELC	HASL-300:ISOTH	—	—	—	50	0.01	2	0.28	—	—	—	—	—	—
Alluvial	PCAO-7c	SINGLE	9.7	09/14/09	Ra-226	UF	CS	—	<	0.499	0.19	0.45	pCi/L	GELC	EPA:903.1	—	U	R11	100	—	4	0.12	5	0.1	30	0.02	60	0.01
Alluvial	PCAO-7c	SINGLE	9.7	09/14/09	Ra-228	UF	CS	—	—	2.21	0.65	1.7	pCi/L	GELC	EPA:904	—	—	—	100	0.02	4	0.55	5	0.44	30	0.07	60	0.04
Alluvial	PCAO-7c	SINGLE	9.7	09/14/09	Th-228	UF	CS	—	—	0.128	0.022	0.068	pCi/L	GELC	HASL-300:ISOTH	—	—	—	400	—	16	0.01	—	—	—	—	—	—
Alluvial	PCAO-7c	SINGLE	9.7	09/14/09	Th-232	UF	CS	—	—	0.0828	0.016	0.04	pCi/L	GELC	HASL-300:ISOTH	—	—	—	50	—	2	0.04	—	—	—	—	—	—
Intermediate	03-B-13	SINGLE	21.5	09/11/09	Ra-226	UF	CS	—	—	0.985	0.28	0.35	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.25	5	0.2	30	0.03	60	0.02
Intermediate	03-B-13	SINGLE	21.5	09/11/09	Ra-228	UF	CS	—	—	2.57	0.55	1.1	pCi/L	GELC	EPA:904	—	—	—	100	0.03	4	0.64	5	0.51	30	0.09	60	0.04
Intermediate	03-B-13	SINGLE	21.5	09/11/09	Sr-90	UF	CS	—	—	2.91	0.3	0.49	pCi/L	GELC	EPA:905.0	—	—	—	1000	—	40	0.07	8	0.36	—	—	500	0.01
Intermediate	03-B-13	SINGLE	21.5	09/11/09	Th-228	UF	CS	—	—	0.671	0.063	0.068	pCi/L	GELC	HASL-300:ISOTH	—	—	—	400	—	16	0.04	—	—	—	—	—	—
Intermediate	03-B-13	SINGLE	21.5	09/11/09	Th-230	UF	CS	—	—	0.344	0.038	0.086	pCi/L	GELC	HASL-300:ISOTH	—	—	—	300	—	12	0.03	—	—	—	—	—	—

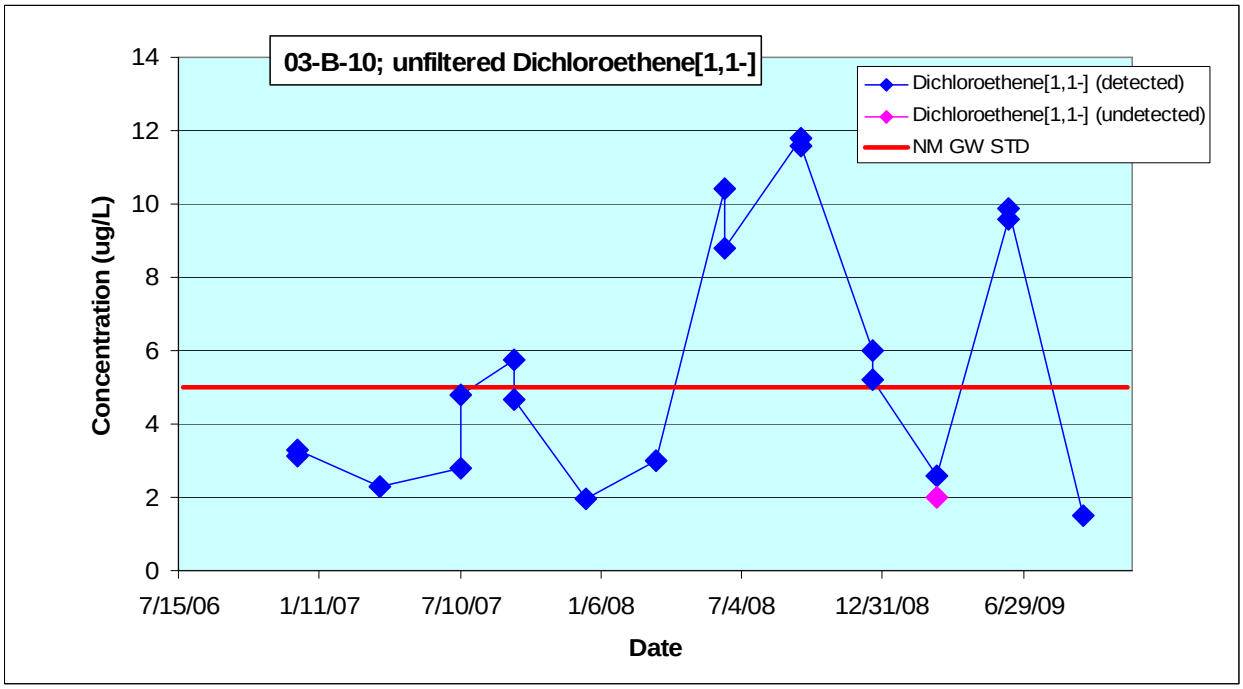
Table D-11 (continued)

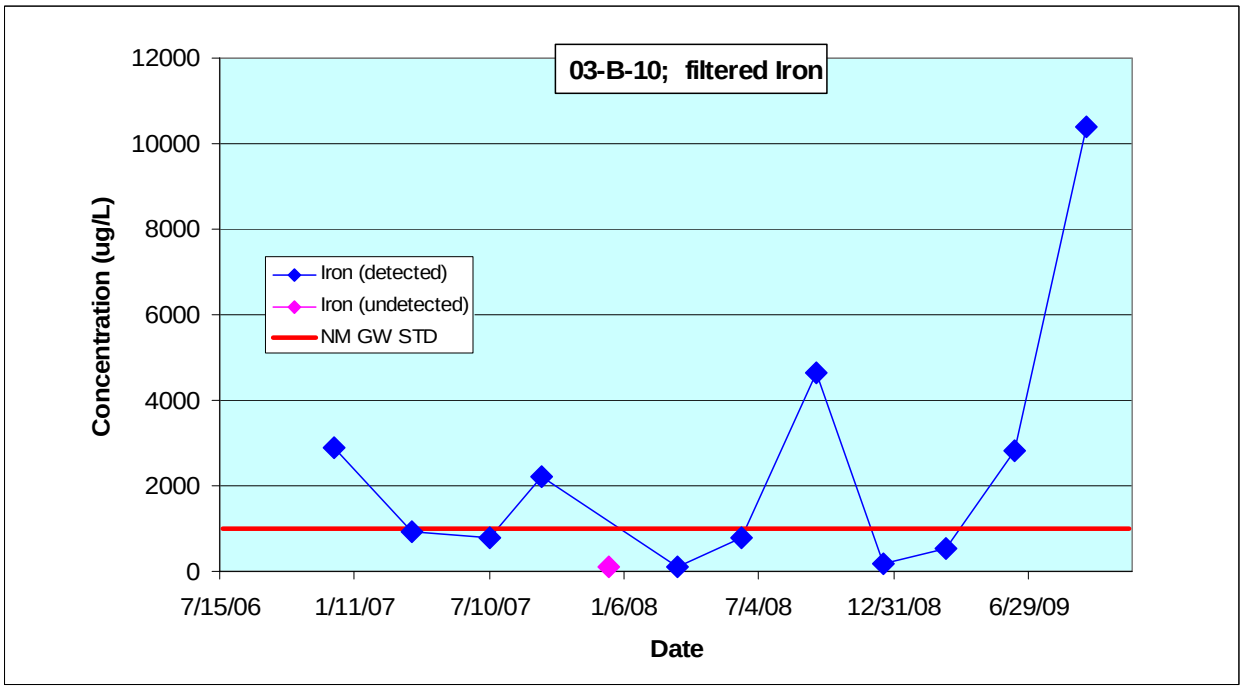
Zone	Location	Well Class	Port Depth (ft)	Start Date	Analyte	Field Preparation Code	Lab Sample Type Code	Field QC Type Code	Symbol	Result	Uncertainty	Minimum Detectable Activity	Unit	Lab Code	Analytical Method Code	Lab Qualifier Code	Secondary Validation Flag Code	Secondary Validation Reason Code	DOE DCG Screening Level	Ratio (Result/Screening Level)	DOE DW DCG Screening Level	Ratio (Result/Screening Level)	EPA MCL	Ratio (Result/Screening Level)	NMWQCC Standard	Ratio (Result/Screening Level)	NMED Radiation Protection Screening Level	Ratio (Result/Screening Level)
Intermediate	03-B-13	SINGLE	21.5	09/11/09	Th-232	UF	CS	—	—	0.57	0.055	0.04	pCi/L	GELC	HASL-300:ISOTH	—	—	—	50	0.01	2	0.29	—	—	—	—	—	—
Intermediate	R-19	MULTI	909.3	09/10/09	Ra-226	UF	CS	—	<	0.548	0.2	0.5	pCi/L	GELC	EPA:903.1	—	U	R11	100	0.01	4	0.14	5	0.11	30	0.02	60	0.01
Intermediate	R-19	MULTI	909.3	09/10/09	Ra-228	UF	CS	—	<	1.1	0.37	0.97	pCi/L	GELC	EPA:904	—	U	R11	100	0.01	4	0.28	5	0.22	30	0.04	60	0.02
Intermediate	R-19	MULTI	909.3	09/10/09	Sr-90	UF	CS	—	—	0.875	0.16	0.36	pCi/L	GELC	EPA:905.0	—	—	—	1000	—	40	0.02	8	0.11	—	—	500	—
Intermediate	R-40	MULTI	649.7	08/31/09	Ra-228	UF	CS	—	—	1.71	0.51	1.3	pCi/L	GELC	EPA:904	—	—	—	100	0.02	4	0.43	5	0.34	30	0.06	60	0.03
Intermediate	R-23i	MULTI	400.3	09/10/09	Ra-228	UF	CS	—	—	1.88	0.46	1.1	pCi/L	GELC	EPA:904	—	—	—	100	0.02	4	0.47	5	0.38	30	0.06	60	0.03
Intermediate	R-23i	MULTI	470.2	09/08/09	Ra-226	UF	CS	—	—	1.35	0.39	0.65	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.34	5	0.27	30	0.05	60	0.02
Regional	R-18	SINGLE	1358	09/14/09	Sr-90	UF	CS	—	—	0.579	0.14	0.37	pCi/L	GELC	EPA:905.0	—	—	—	1000	—	40	0.01	8	0.07	—	—	500	—
Regional	R-17	MULTI	1057	09/11/09	Ra-228	UF	CS	—	—	2.09	0.52	1.1	pCi/L	GELC	EPA:904	—	—	—	100	0.02	4	0.52	5	0.42	30	0.07	60	0.03
Regional	R-17	MULTI	1057	09/11/09	Sr-90	UF	CS	—	—	0.573	0.15	0.4	pCi/L	GELC	EPA:905.0	—	—	—	1000	—	40	0.01	8	0.07	—	—	500	—
Regional	R-17	MULTI	1124	09/11/09	Sr-90	UF	CS	—	—	2.52	0.28	0.4	pCi/L	GELC	EPA:905.0	—	—	—	1000	—	40	0.06	8	0.32	—	—	500	0.01
Regional	R-19	MULTI	1190.7	09/14/09	Ra-226	UF	CS	—	—	0.754	0.25	0.47	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.19	5	0.15	30	0.03	60	0.01
Regional	R-19	MULTI	1190.7	09/14/09	Ra-228	UF	CS	—	—	2.2	0.67	1.8	pCi/L	GELC	EPA:904	—	—	—	100	0.02	4	0.55	5	0.44	30	0.07	60	0.04
Alluvial	18-MW-18	SINGLE	12.5	09/02/09	Th-228	UF	CS	FD	—	0.194	0.027	0.12	pCi/L	GELC	HASL-300:ISOTH	—	—	—	400	—	16	0.01	—	—	—	—	—	—
Alluvial	18-MW-18	SINGLE	12.5	09/02/09	Th-228	UF	CS	—	—	0.132	0.022	0.11	pCi/L	GELC	HASL-300:ISOTH	—	—	—	400	—	16	0.01	—	—	—	—	—	—
Alluvial	18-MW-18	SINGLE	12.5	09/02/09	Th-232	UF	CS	FD	—	0.166	0.023	0.044	pCi/L	GELC	HASL-300:ISOTH	—	—	—	50	—	2	0.08	—	—	—	—	—	—
Alluvial	18-MW-18	SINGLE	12.5	09/02/09	Th-232	UF	CS	—	—	0.134	0.02	0.04	pCi/L	GELC	HASL-300:ISOTH	—	—	—	50	—	2	0.07	—	—	—	—	—	—
Regional	R-19	MULTI	1412.9	09/16/09	Ra-228	UF	CS	—	—	2.49	0.7	1.8	pCi/L	GELC	EPA:904	—	—	—	100	0.02	4	0.62	5	0.5	30	0.08	60	0.04
Regional	R-40	MULTI	849.3	09/03/09	Ra-226	UF	CS	—	<	0.536	0.19	0.38	pCi/L	GELC	EPA:903.1	—	U	R11	100	0.01	4	0.13	5	0.11	30	0.02	60	0.01
Regional	R-20	MULTI	904.6	09/02/09	Ra-228	UF	CS	—	<	0.822	0.29	0.78	pCi/L	GELC	EPA:904	—	U	R11	100	0.01	4	0.21	5	0.16	30	0.03	60	0.01
Regional	R-20	MULTI	1147.1	09/03/09	Ra-226	UF	CS	—	—	1.11	0.33	0.68	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.28	5	0.22	30	0.04	60	0.02
Regional	R-20	MULTI	1147.1	09/03/09	Ra-228	UF	CS	—	<	0.96	0.33	0.88	pCi/L	GELC	EPA:904	—	U	R11	100	0.01	4	0.24	5	0.19	30	0.03	60	0.02
Regional	R-49	MULTI	845	09/01/09	Ra-228	UF	CS	—	—	1.57	0.41	0.87	pCi/L	GELC	EPA:904	—	—	—	100	0.02	4	0.39	5	0.31	30	0.05	60	0.03
Regional	R-49	MULTI	845	09/01/09	Th-228	UF	CS	—	—	0.172	0.024	0.11	pCi/L	GELC	HASL-300:ISOTH	—	—	—	400	—	16	0.01	—	—	—	—	—	—
Regional	R-49	MULTI	845	09/01/09	Th-230	UF	CS	—	—	0.267	0.031	0.12	pCi/L	GELC	HASL-300:ISOTH	—	—	—	300	—	12	0.02	—	—	—	—	—	—
Regional	R-49	MULTI	845	09/01/09	Th-232	UF	CS	—	—	0.238	0.029	0.041	pCi/L	GELC	HASL-300:ISOTH	—	—	—	50	—	2	0.12	—	—	—	—	—	—
Regional	R-49	MULTI	905.6	09/01/09	Ra-228	UF	CS	—	—	0.717	0.23	0.6	pCi/L	GELC	EPA:904	—	—	—	100	0.01	4	0.18	5	0.14	30	0.02	60	0.01
Regional	R-23	SINGLE	816	09/03/09	Ra-226	UF	CS	—	—	1.1	0.31	0.64	pCi/L	GELC	EPA:903.1	—	—	—	100	0.01	4	0.28	5	0.22	30	0.04	60	0.02

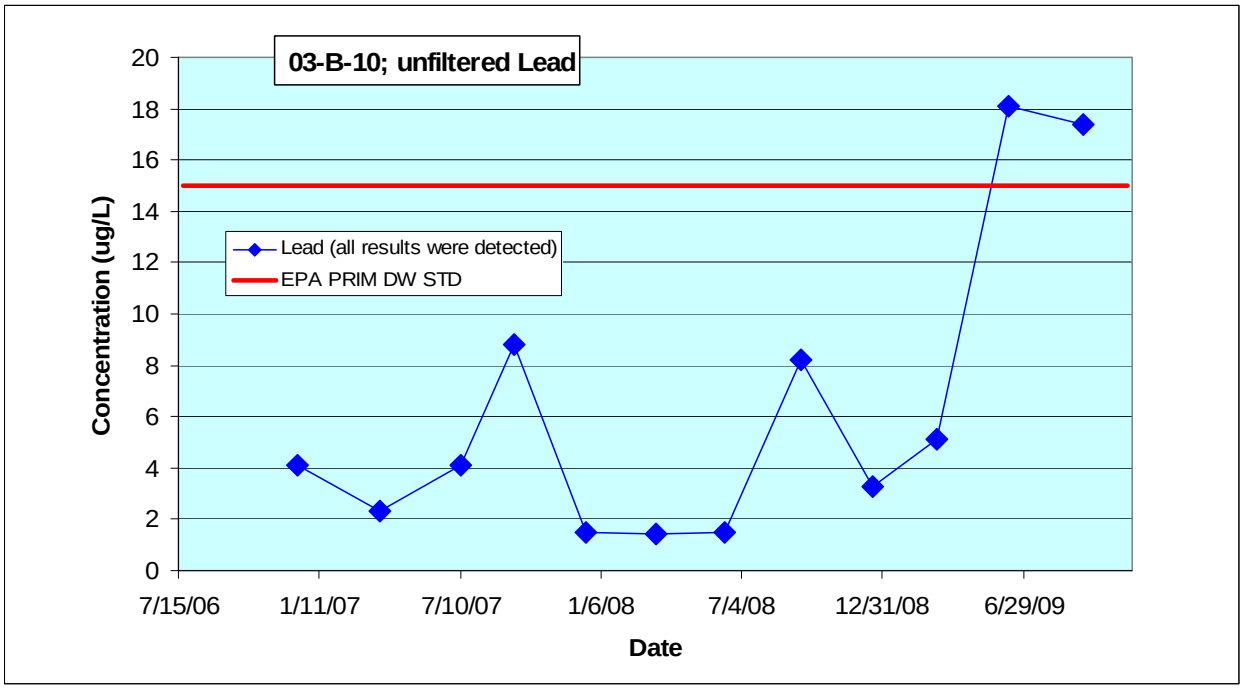
*— = None.

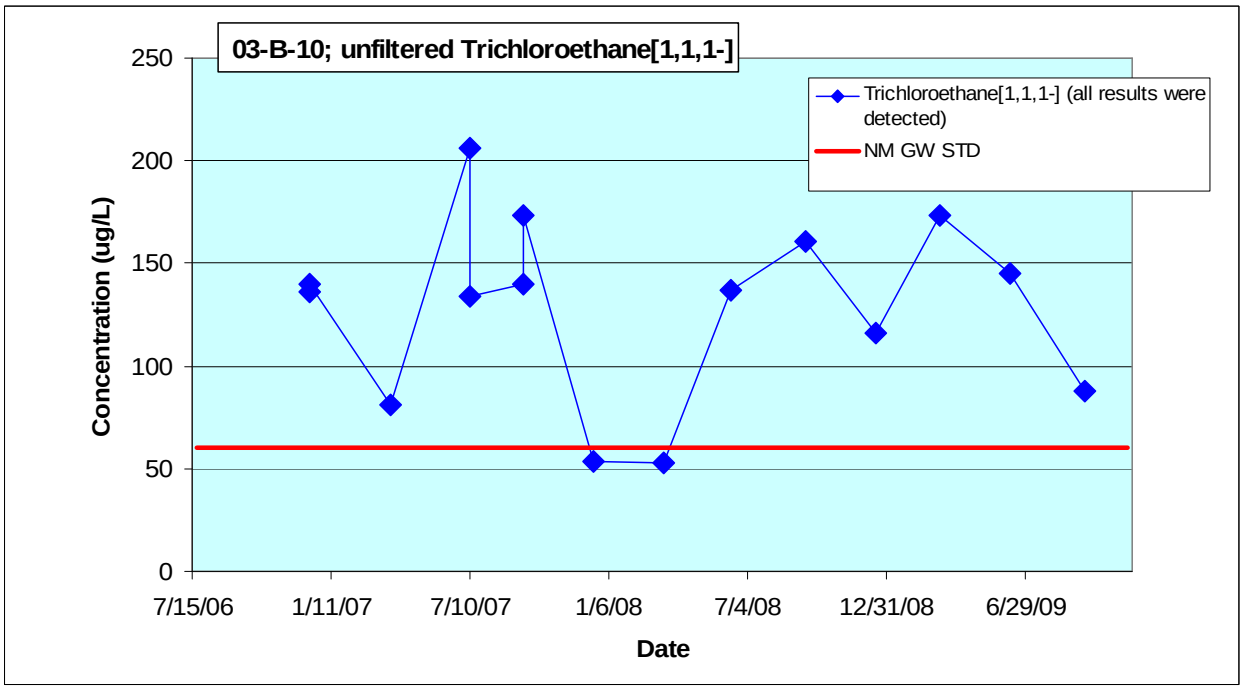
Appendix E

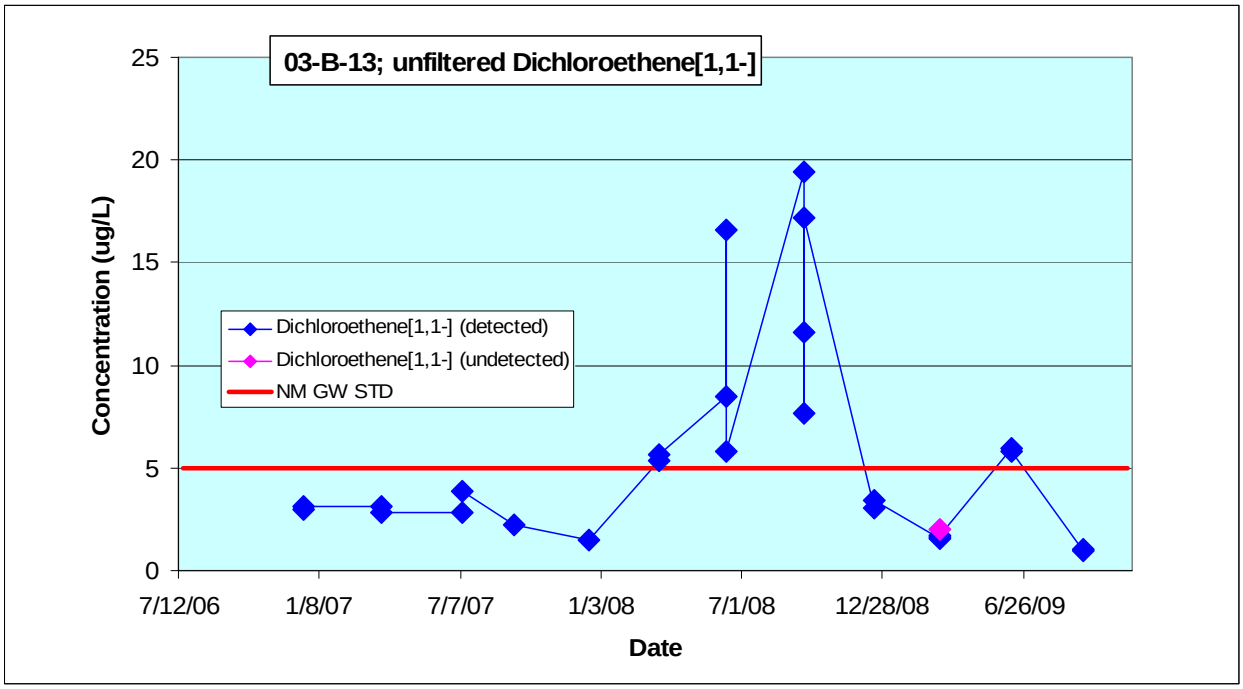
Analytical Chemistry Graphs of Screening-Level Exceedances

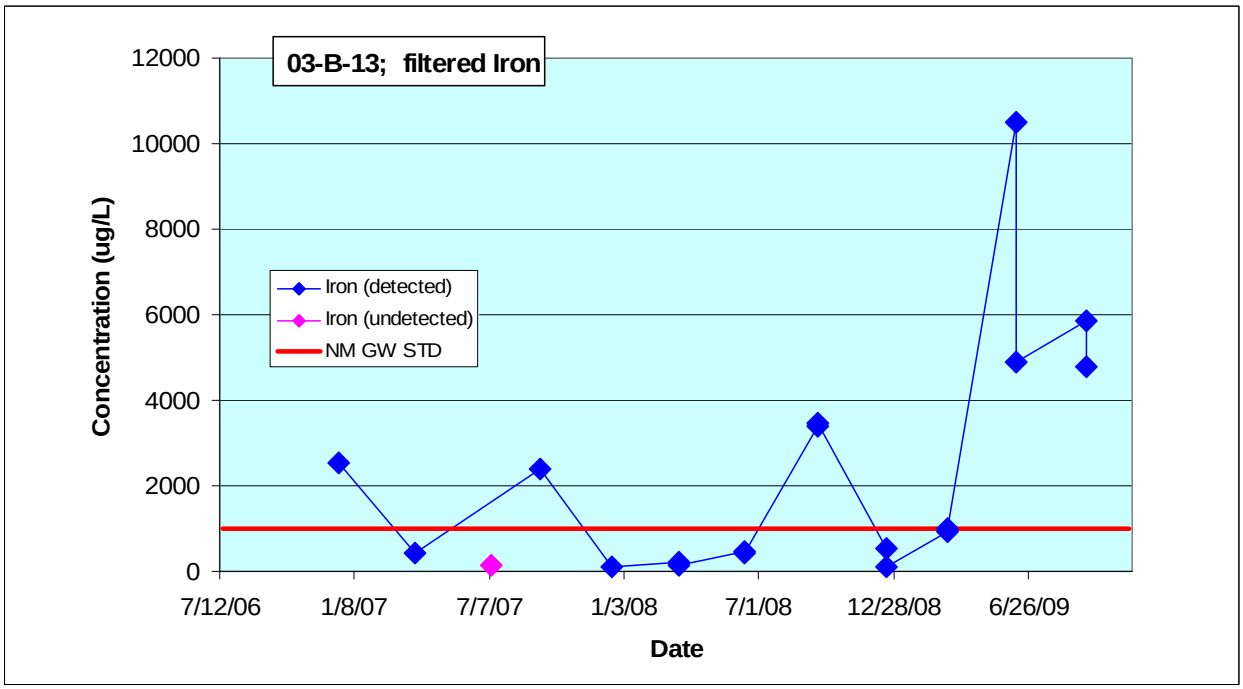

03-B-10; unfiltered Dichloroethene[1,1-]
Dichloroethene[1,1-] (detected)
Dichloroethene[1,1-] (undetected)
NM GW STD
Concentration (ug/L)
0
2
4
6
8
10
12
14
7/15/06
1/11/07
7/10/07
1/6/08
7/4/08
12/31/08
6/29/09
Date

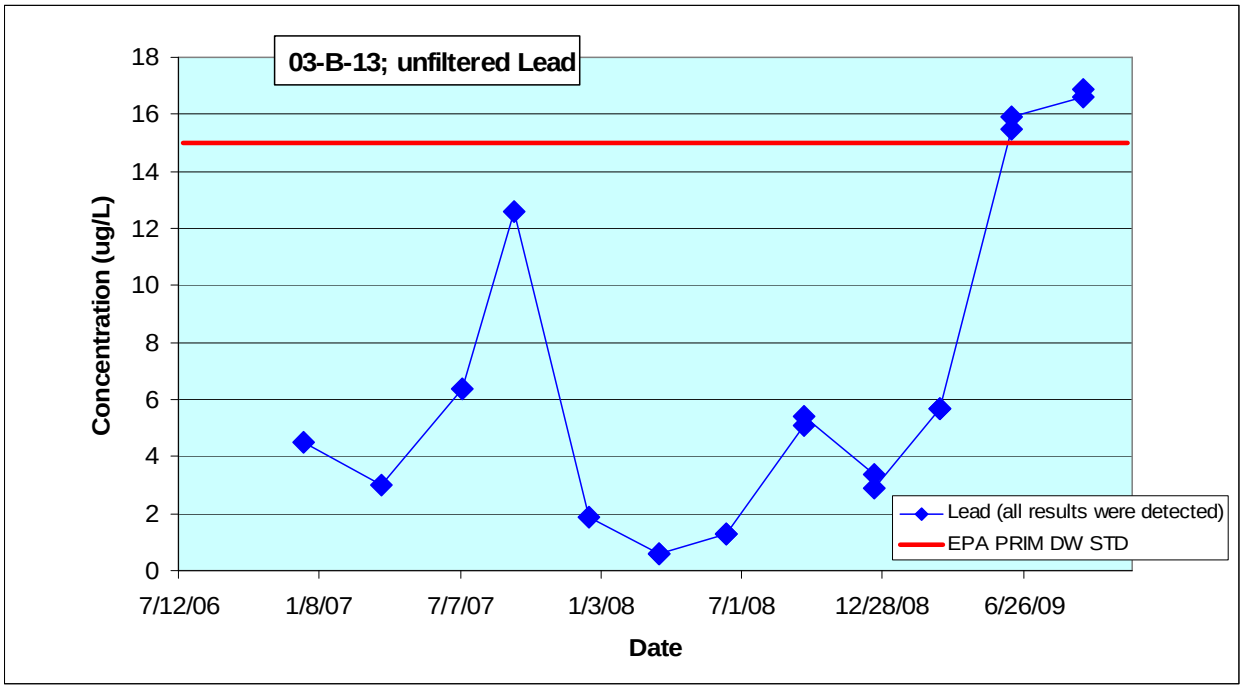

03-B-10; filtered Iron
Iron (detected)
Iron (undetected)
NM GW STD
Concentration (ug/L)
0
2000
4000
6000
8000
10000
12000
7/15/06
1/11/07
7/10/07
1/6/08
7/4/08
12/31/08
6/29/09
Date

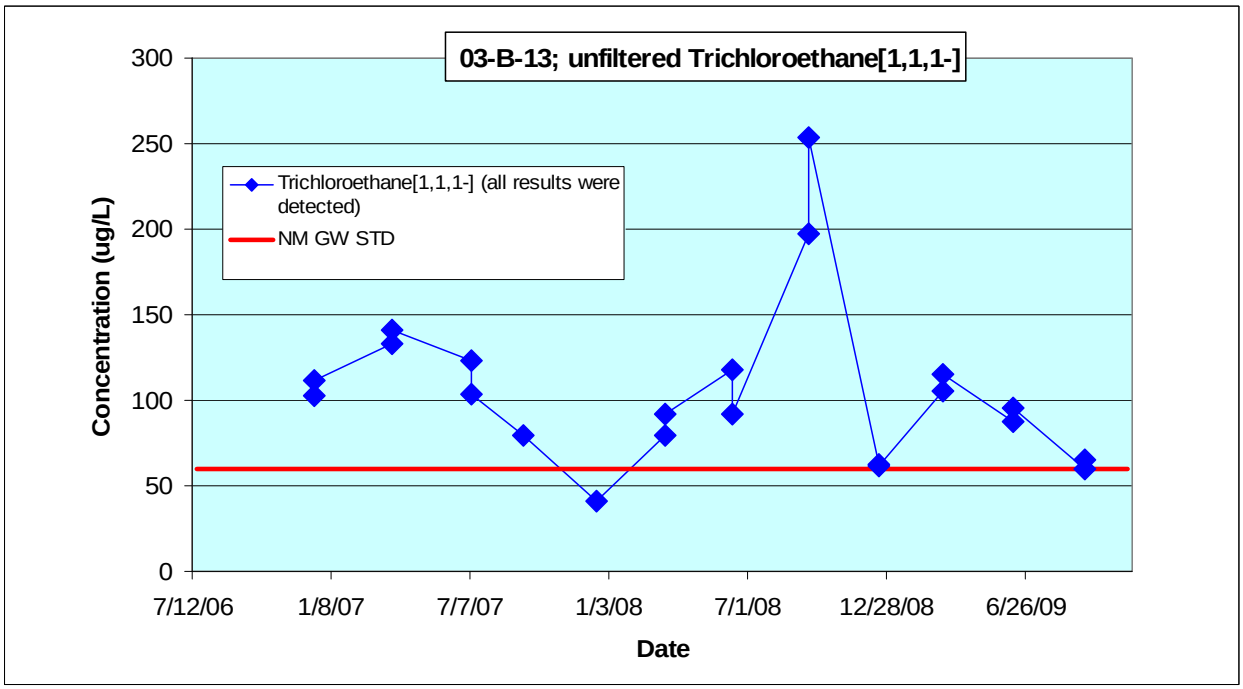

03-B-10; unfiltered Lead
Concentration (ug/L)
20
18
16
14
12
10
8
6
4
2
0
Lead (all results were detected)
EPA PRIM DW STD
7/15/06
1/11/07
7/10/07
1/6/08
7/4/08
12/31/08
6/29/09
Date

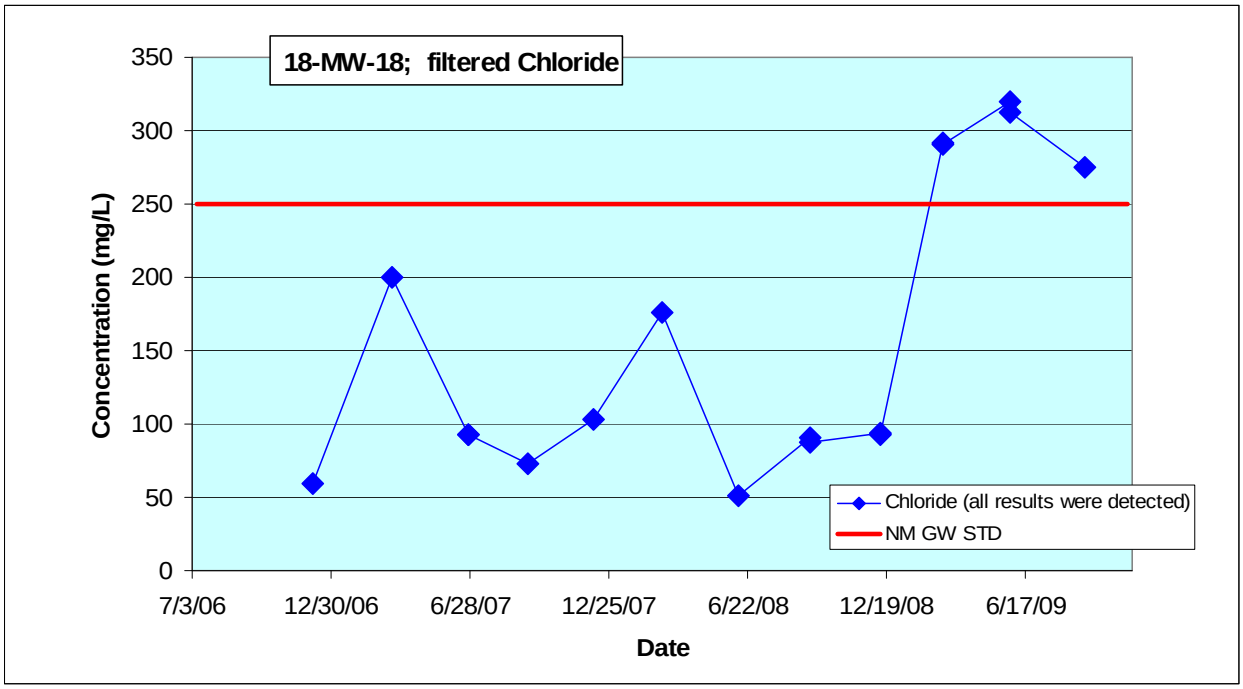

03-B-10; unfiltered Trichloroethane[1,1,1-]
Concentration (ug/L)
250
200
150
100
50
0
Trichloroethane[1,1,1-] (all results were detected)
NM GW STD
7/15/06
1/11/07
7/10/07
1/6/08
7/4/08
12/31/08
6/29/09
Date

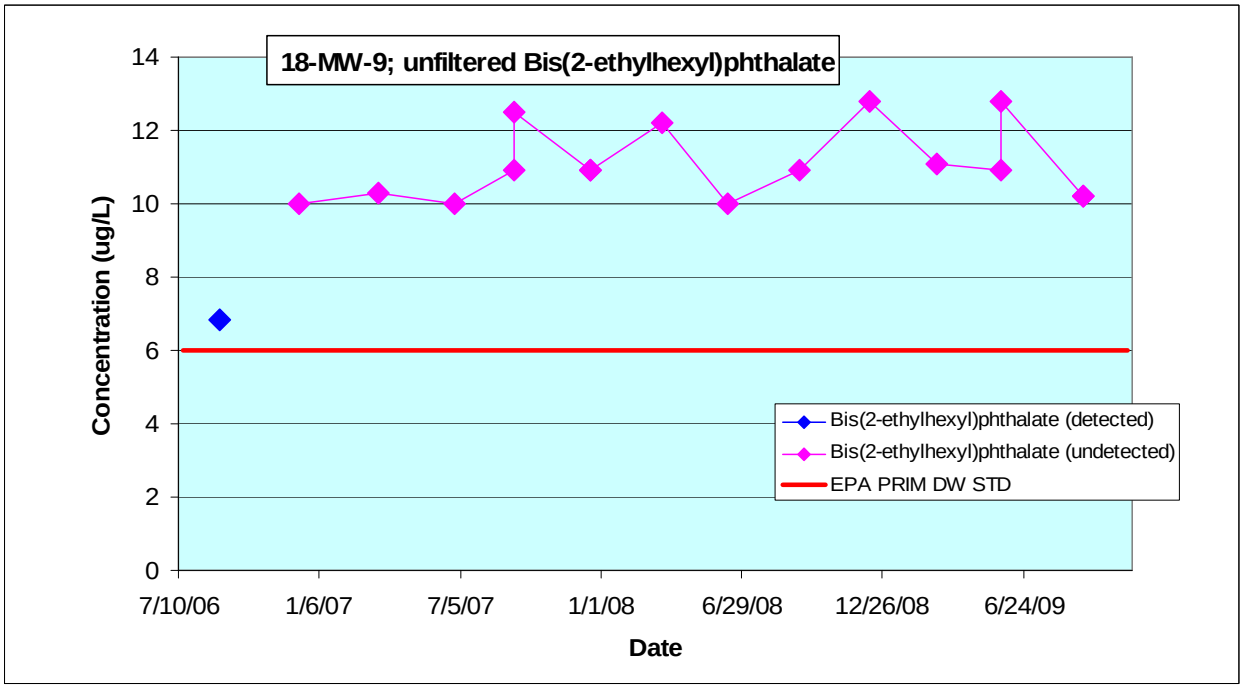

03-B-13; unfiltered Dichloroethene[1,1-]
Concentration (ug/L)
25
20
15
10
5
0
Dichloroethene[1,1-] (detected)
Dichloroethene[1,1-] (undetected)
NM GW STD
7/12/06
1/8/07
7/7/07
1/3/08
7/1/08
12/28/08
6/26/09
Date

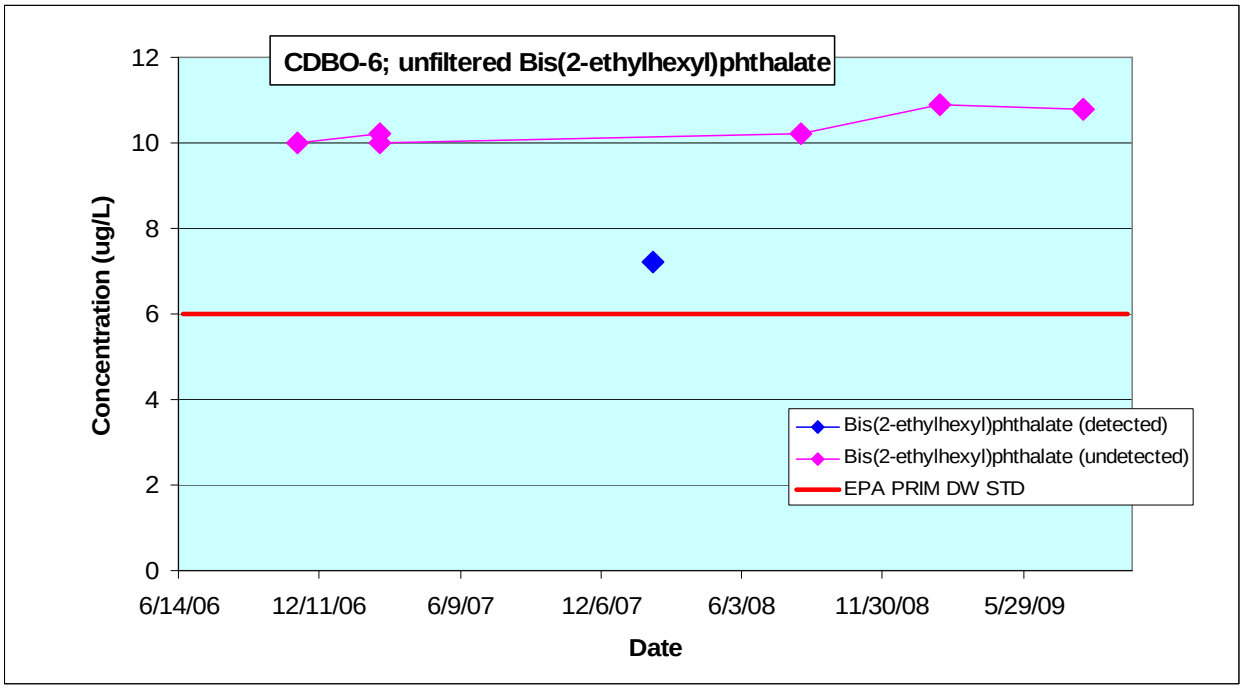

03-B-13; filtered Iron
Concentration (ug/L)
12000
10000
8000
6000
4000
2000
0
Iron (detected)
Iron (undetected)
NM GW STD
7/12/06
1/8/07
7/7/07
1/3/08
7/1/08
12/28/08
6/26/09
Date

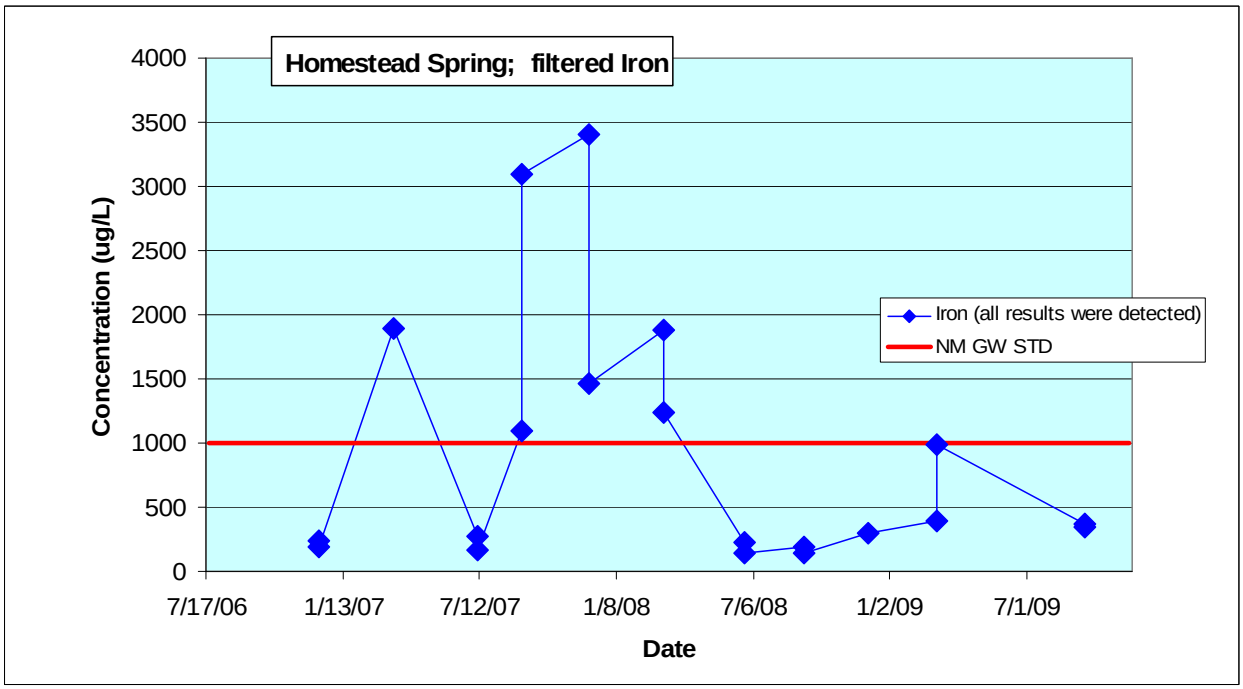

03-B-13; unfiltered Lead
Concentration (ug/L)
18
16
14
12
10
8
6
4
2
0
7/12/06
1/8/07
7/7/07
1/3/08
7/1/08
12/28/08
6/26/09
Date
Lead (all results were detected)
EPA PRIM DW STD

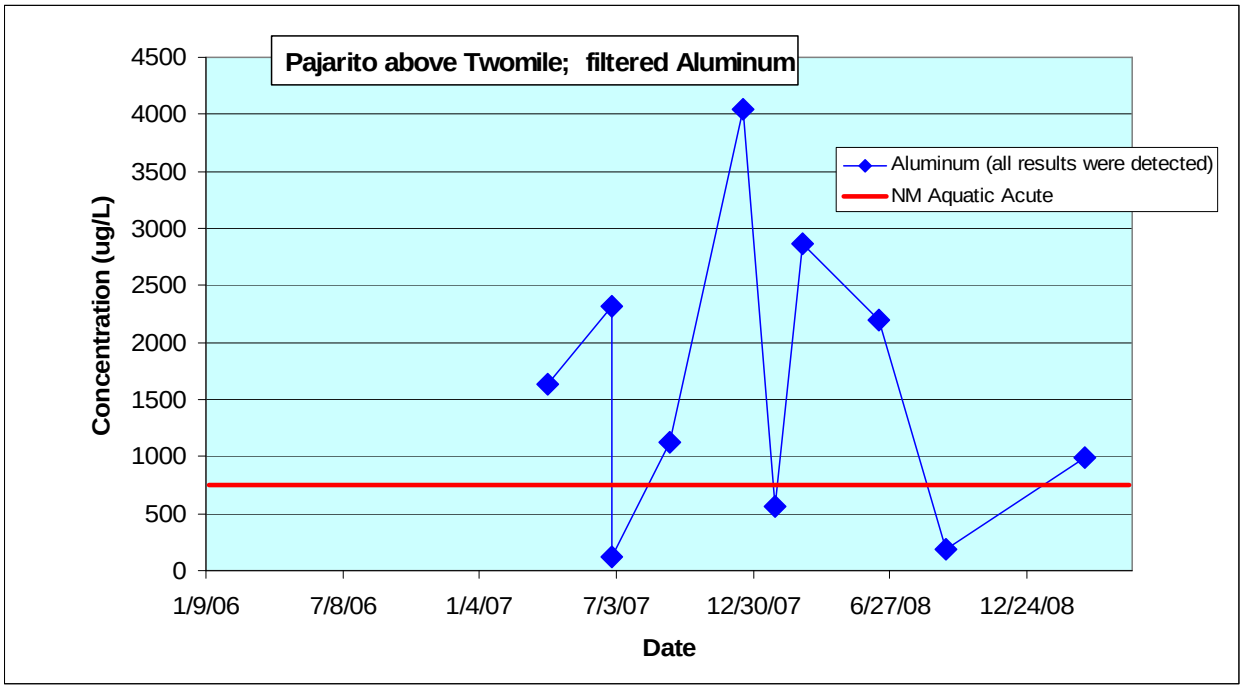

03-B-13; unfiltered Trichloroethane[1,1,1-]
Concentration (ug/L)
300
250
200
150
100
50
0
7/12/06
1/8/07
7/7/07
1/3/08
7/1/08
12/28/08
6/26/09
Date
Trichloroethane[1,1,1-] (all results were detected)
NM GW STD

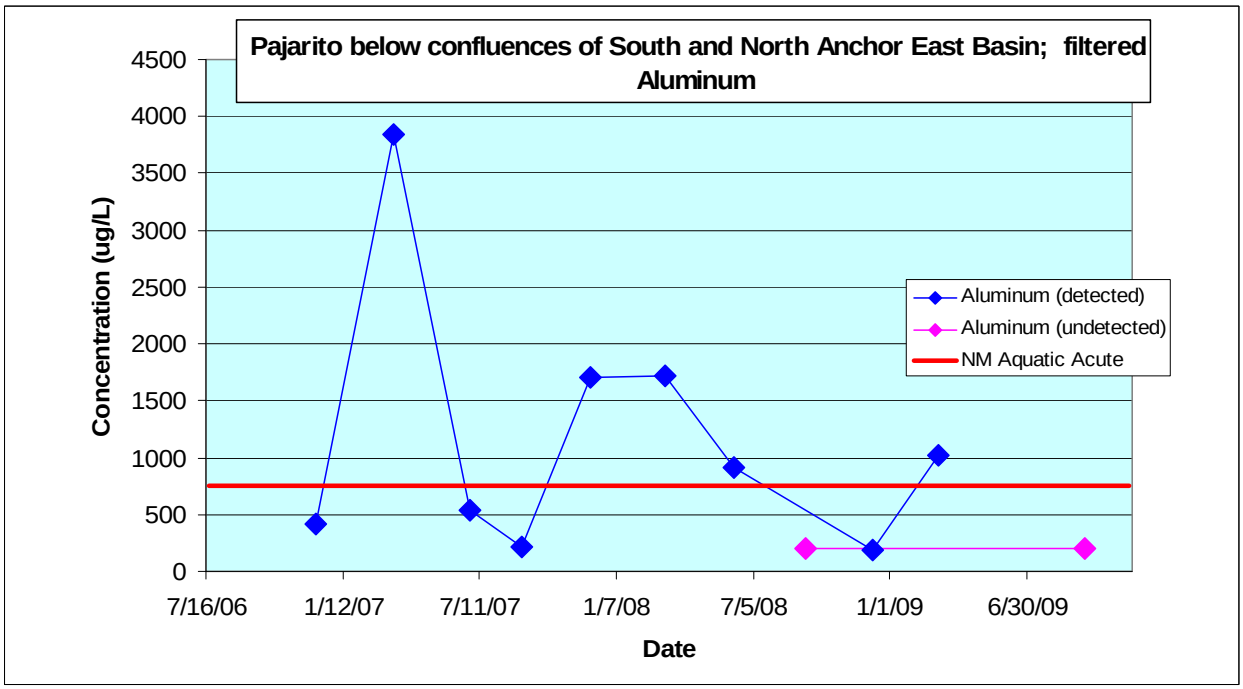

18-MW-18; filtered Chloride
Concentration (mg/L)
350
300
250
200
150
100
50
0
7/3/06
12/30/06
6/28/07
12/25/07
6/22/08
12/19/08
6/17/09
Date
Chloride (all results were detected)
NM GW STD

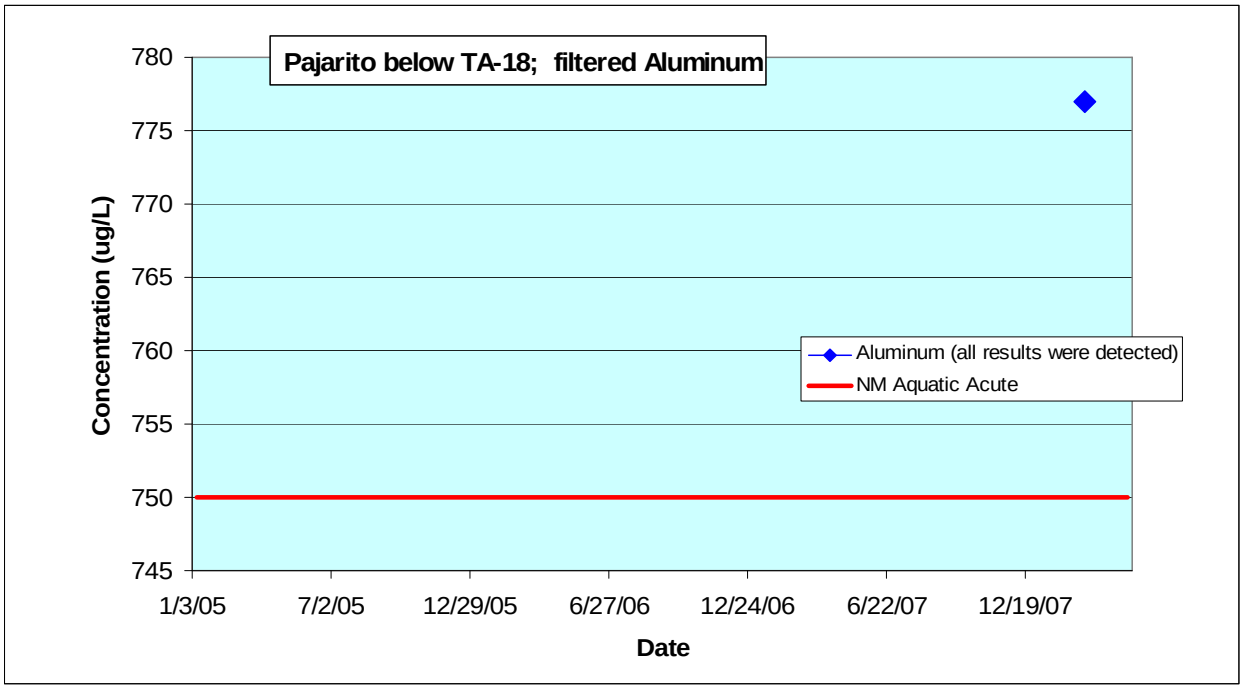

18-MW-9; unfiltered Bis(2-ethylhexyl)phthalate
Concentration (ug/L)
14
12
10
8
6
4
2
0
7/10/06
1/6/07
7/5/07
1/1/08
6/29/08
12/26/08
6/24/09
Date
Bis(2-ethylhexyl)phthalate (detected)
Bis(2-ethylhexyl)phthalate (undetected)
EPA PRIM DW STD

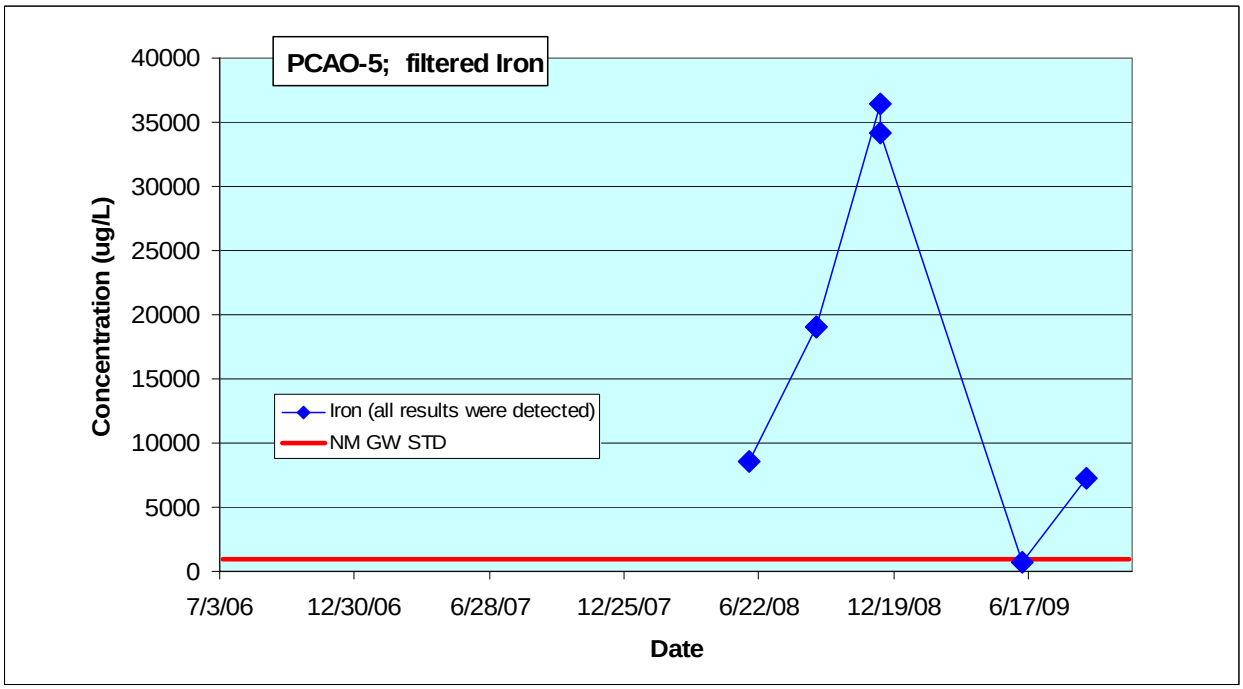

CDBO-6; unfiltered Bis(2-ethylhexyl)phthalate
Concentration (ug/L)
12
10
8
6
4
2
0
6/14/06
12/11/06
6/9/07
12/6/07
6/3/08
11/30/08
5/29/09
Date
Bis(2-ethylhexyl)phthalate (detected)
Bis(2-ethylhexyl)phthalate (undetected)
EPA PRIM DW STD

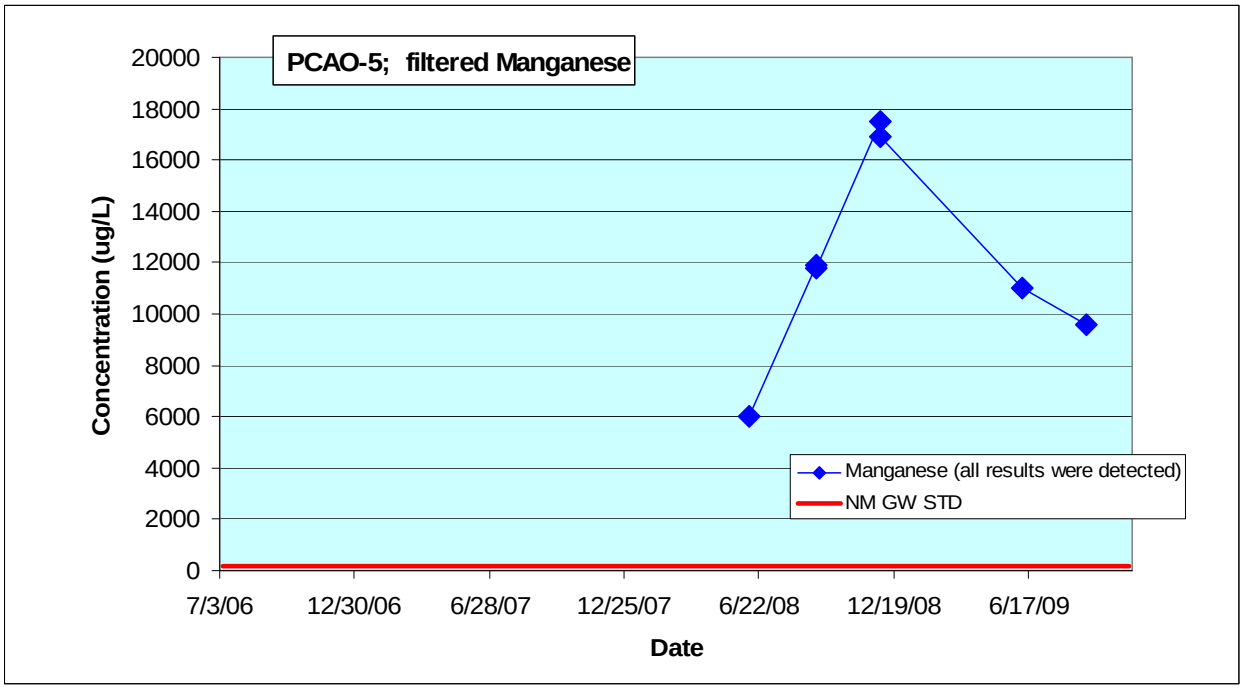

Homestead Spring; filtered Iron
Concentration (ug/L)
4000
3500
3000
2500
2000
1500
1000
500
0
7/17/06
1/13/07
7/12/07
1/8/08
7/6/08
1/2/09
7/1/09
Date
Iron (all results were detected)
NM GW STD

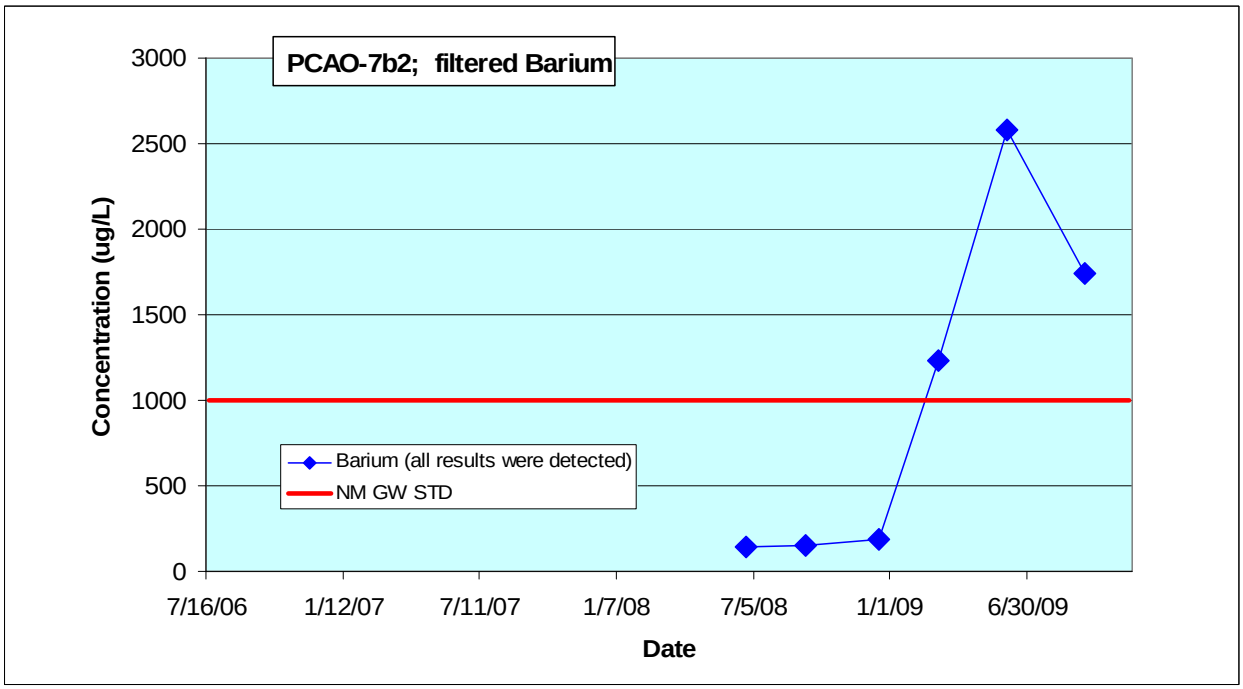

Pajarito above Twomile; filtered Aluminum
Concentration (ug/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1/9/06
7/8/06
1/4/07
7/3/07
12/30/07
6/27/08
12/24/08
Date
Aluminum (all results were detected)
NM Aquatic Acute

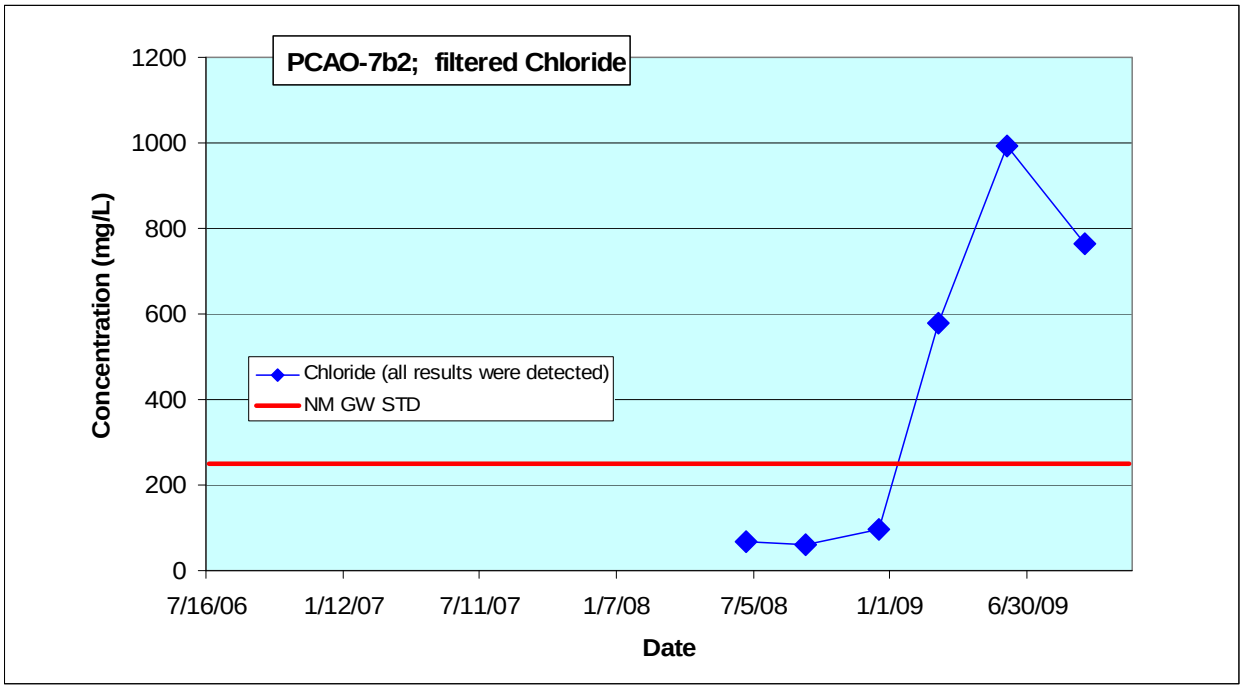

Pajarito below confluences of South and North Anchor East Basin; filtered Aluminum
Concentration (ug/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
7/16/06
1/12/07
7/11/07
1/7/08
7/5/08
1/1/09
6/30/09
Date
Aluminum (detected)
Aluminum (undetected)
NM Aquatic Acute

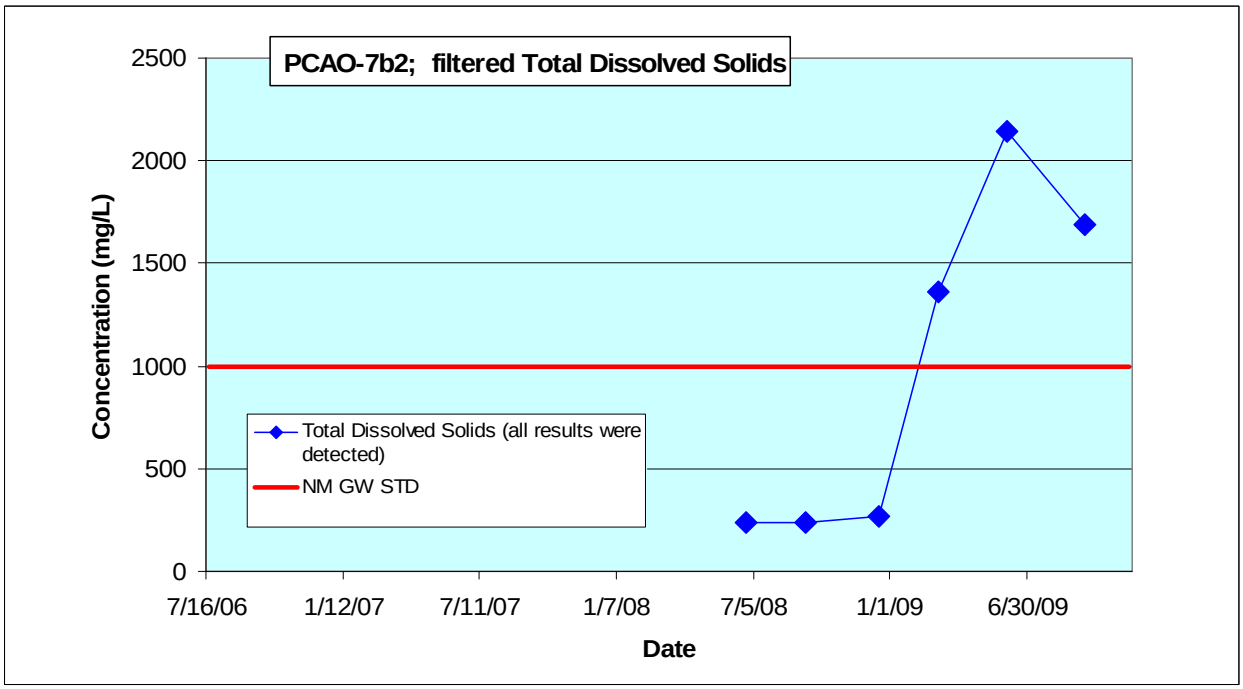

Pajarito below TA-18; filtered Aluminum
Concentration (ug/L)
780
775
770
765
760
755
750
745
1/3/05
7/2/05
12/29/05
6/27/06
12/24/06
6/22/07
12/19/07
Date
Aluminum (all results were detected)
NM Aquatic Acute

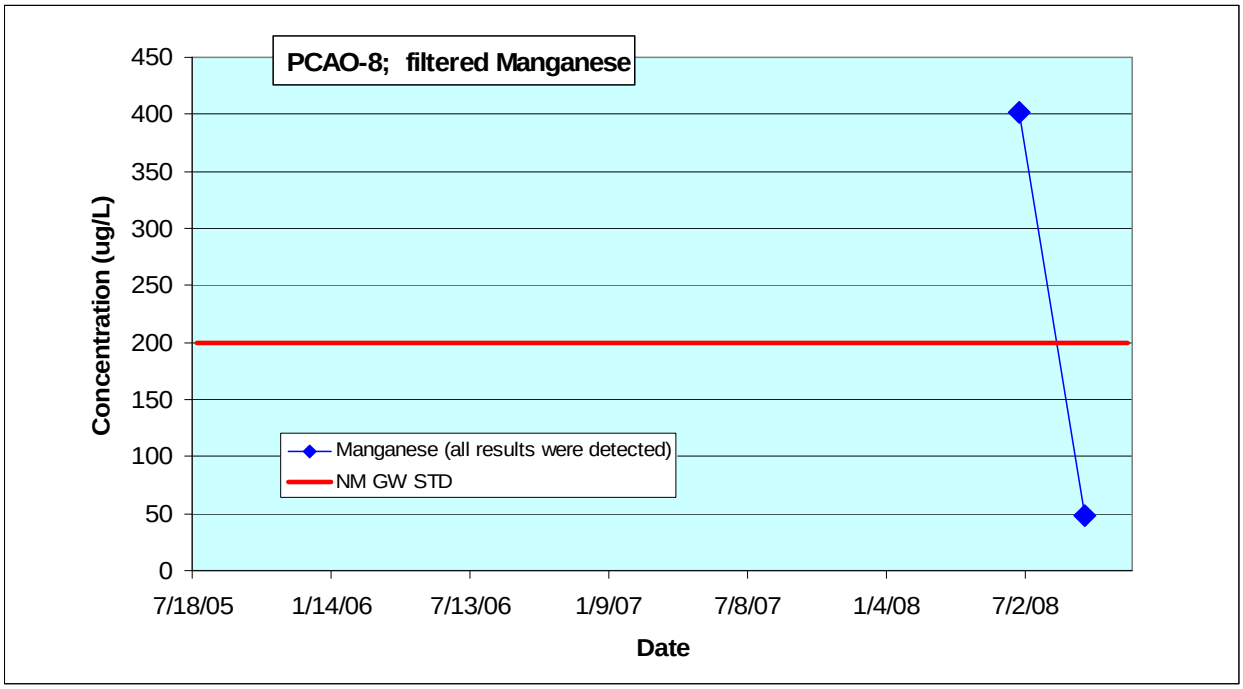

PCAO-5; filtered Iron
Concentration (ug/L)
40000
35000
30000
25000
20000
15000
10000
5000
0
7/3/06
12/30/06
6/28/07
12/25/07
6/22/08
12/19/08
6/17/09
Date
Iron (all results were detected)
NM GW STD

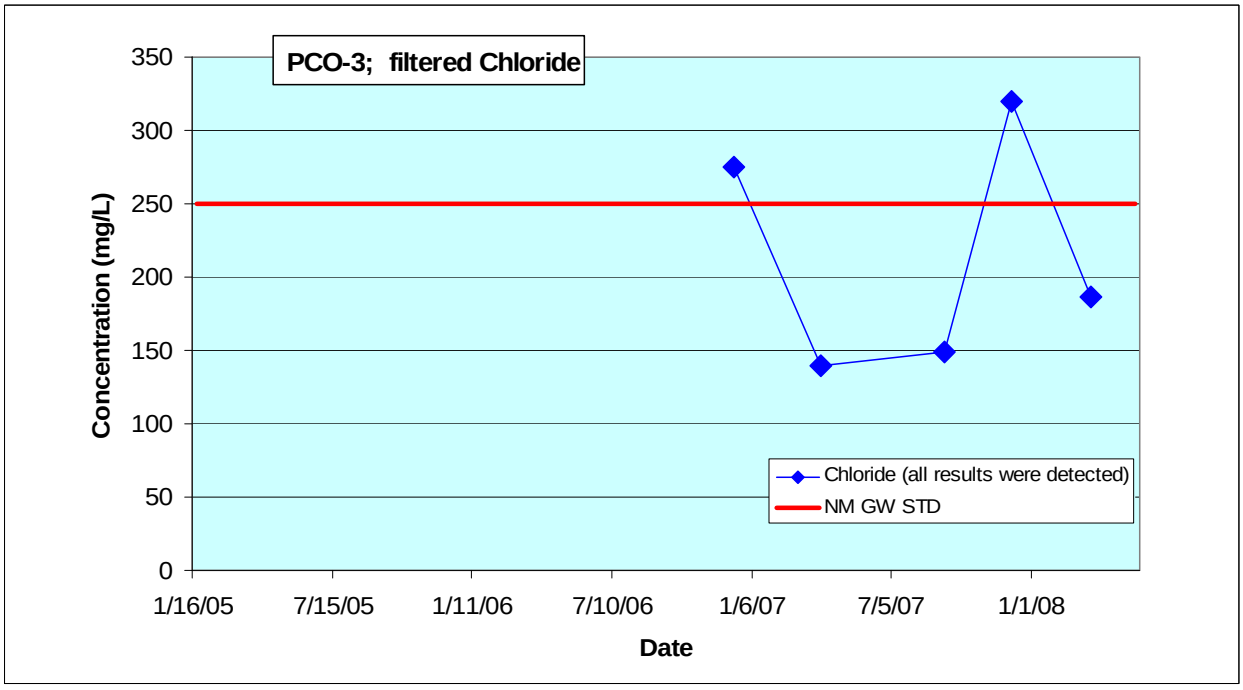

PCAO-5; filtered Manganese
Concentration (ug/L)
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
7/3/06
12/30/06
6/28/07
12/25/07
6/22/08
12/19/08
6/17/09
Date
Manganese (all results were detected)
NM GW STD

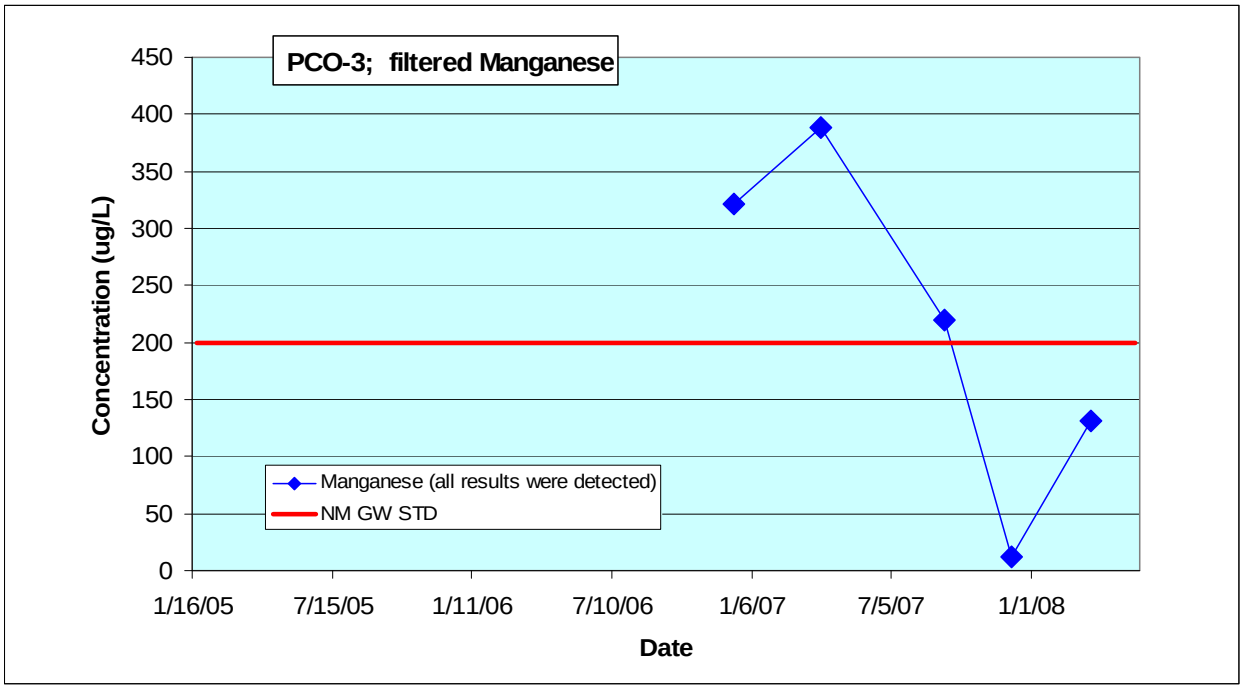

PCAO-7b2; filtered Barium
Concentration (ug/L)
3000
2500
2000
1500
1000
500
0
7/16/06
1/12/07
7/11/07
1/7/08
7/5/08
1/1/09
6/30/09
Date
Barium (all results were detected)
NM GW STD

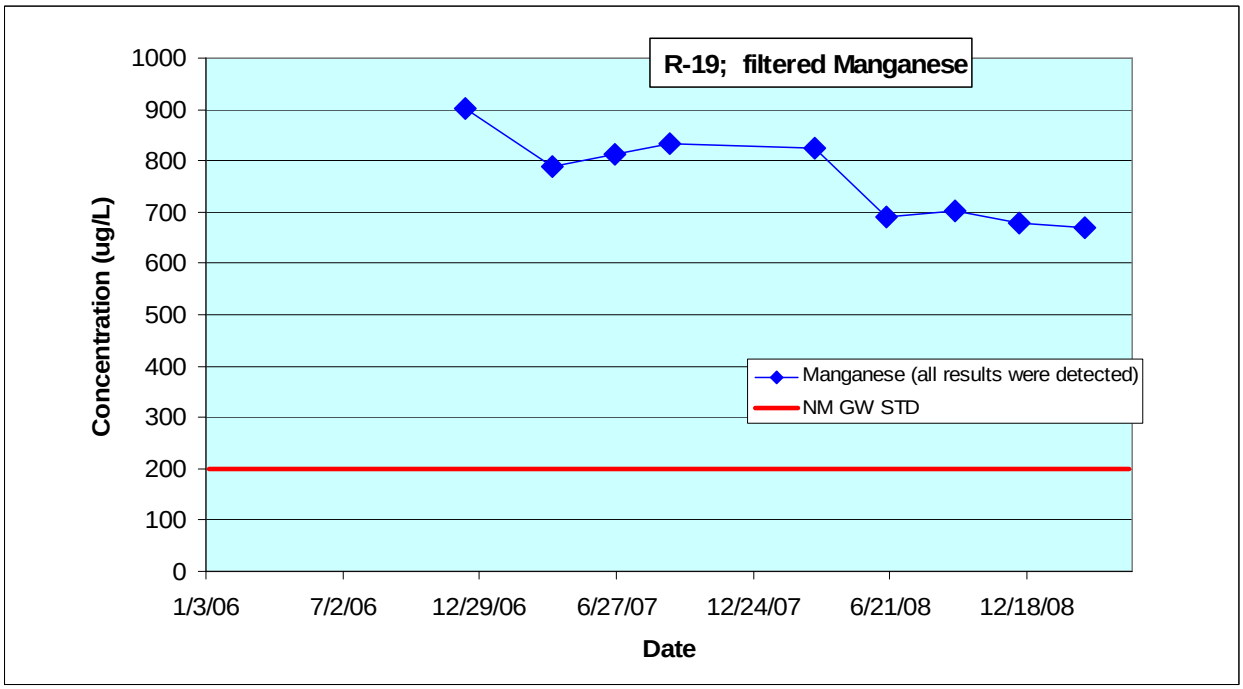

PCAO-7b2; filtered Chloride
Concentration (mg/L)
1200
1000
800
600
400
200
0
Chloride (all results were detected)
NM GW STD
7/16/06
1/12/07
7/11/07
1/7/08
7/5/08
1/1/09
6/30/09
Date

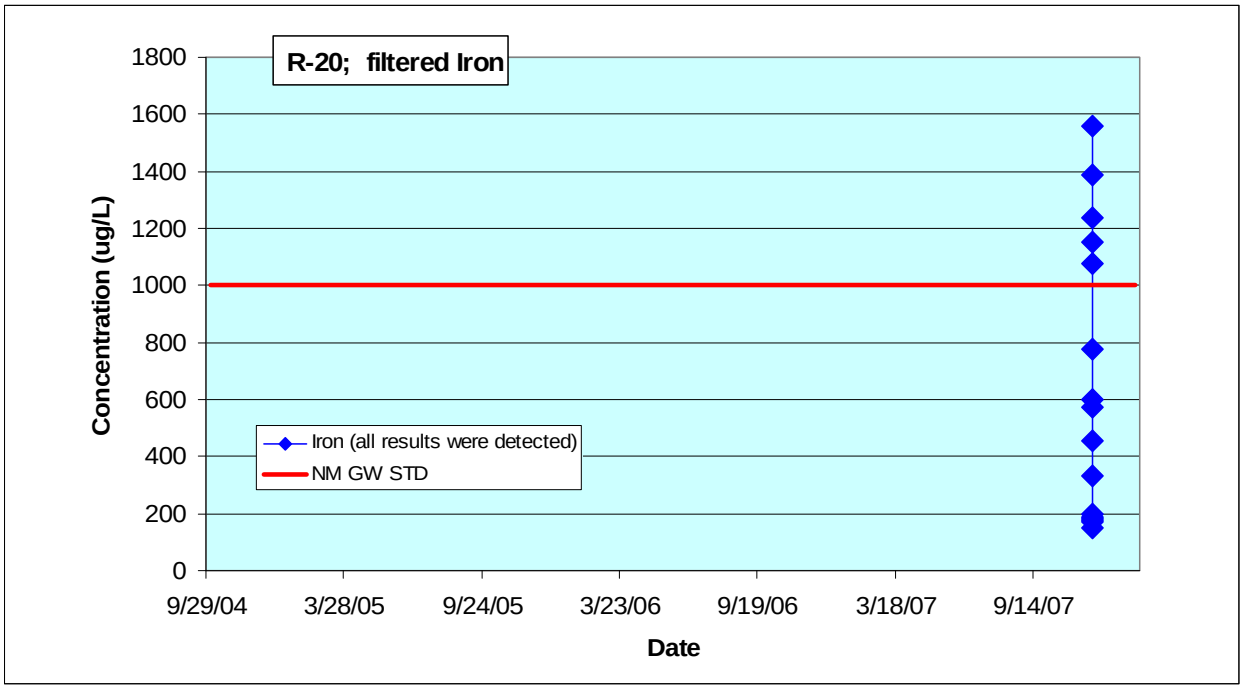

PCAO-7b2; filtered Total Dissolved Solids
Concentration (mg/L)
2500
2000
1500
1000
500
0
Total Dissolved Solids (all results were detected)
NM GW STD
7/16/06
1/12/07
7/11/07
1/7/08
7/5/08
1/1/09
6/30/09
Date

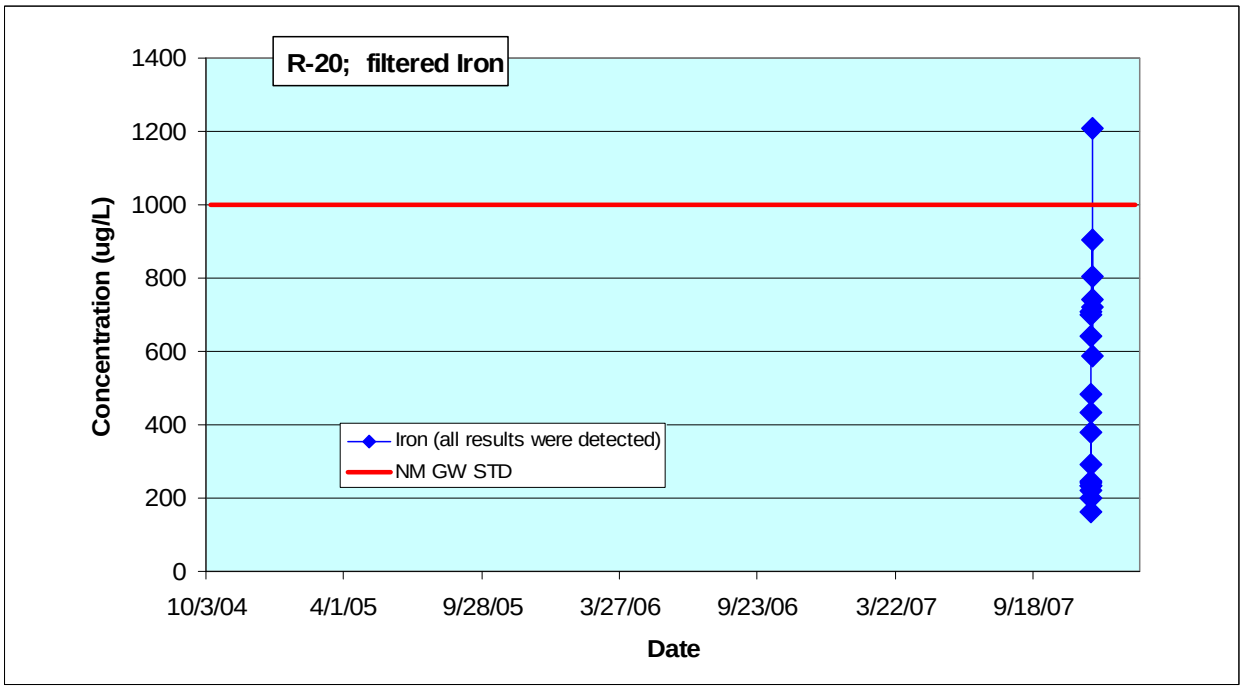

PCAO-8; filtered Manganese
Concentration (ug/L)
450
400
350
300
250
200
150
100
50
0
7/18/05
1/14/06
7/13/06
1/9/07
7/8/07
1/4/08
7/2/08
Date
Manganese (all results were detected)
NM GW STD

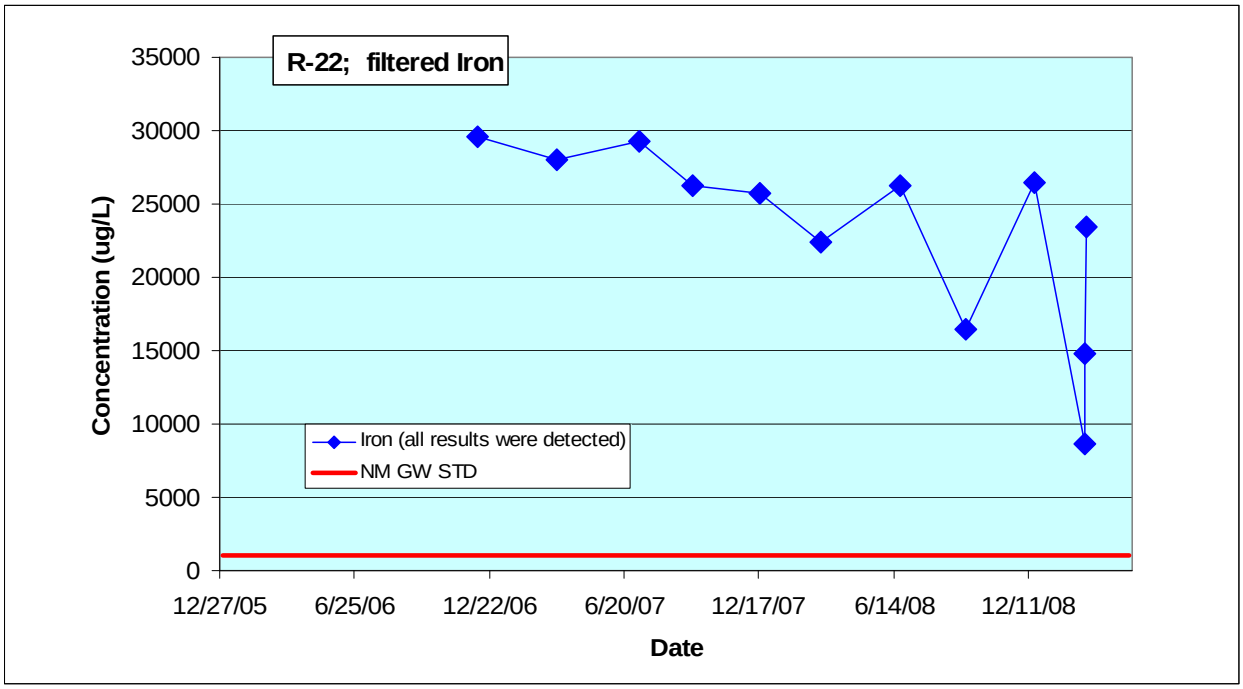

PCO-3; filtered Chloride
Concentration (mg/L)
350
300
250
200
150
100
50
0
1/16/05
7/15/05
1/11/06
7/10/06
1/6/07
7/5/07
1/1/08
Date
Chloride (all results were detected)
NM GW STD

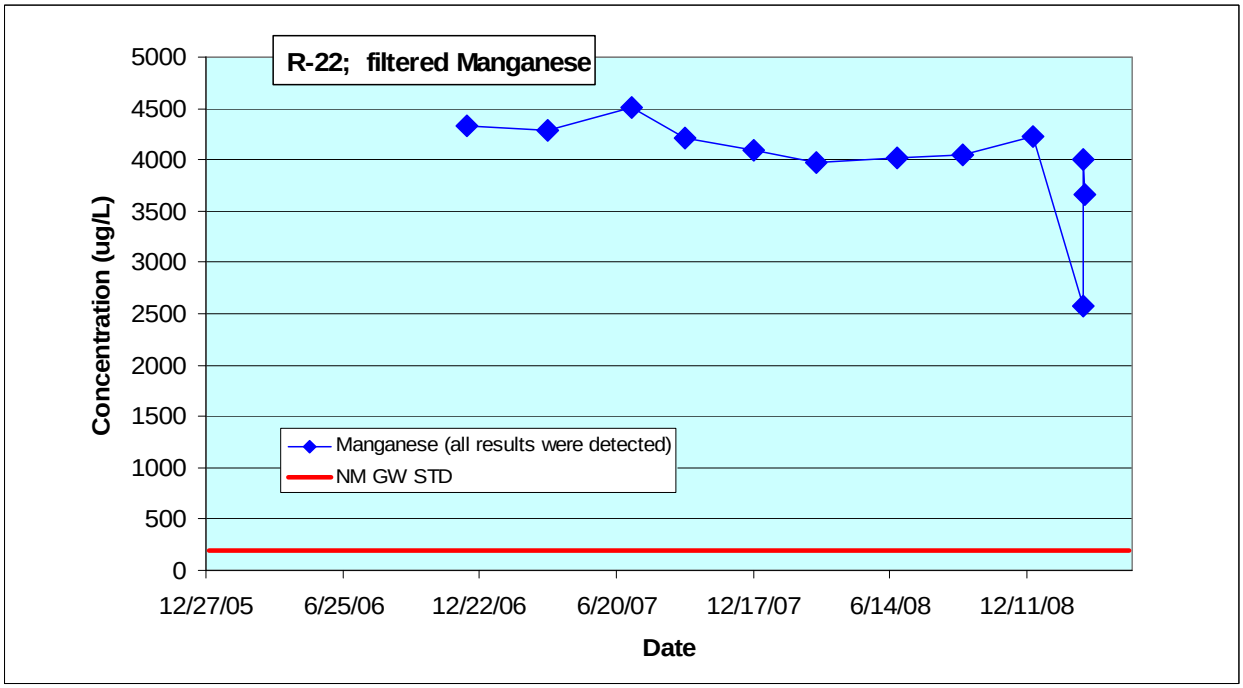

PCO-3; filtered Manganese
Concentration (ug/L)
450
400
350
300
250
200
150
100
50
0
1/16/05
7/15/05
1/11/06
7/10/06
1/6/07
7/5/07
1/1/08
Date
Manganese (all results were detected)
NM GW STD

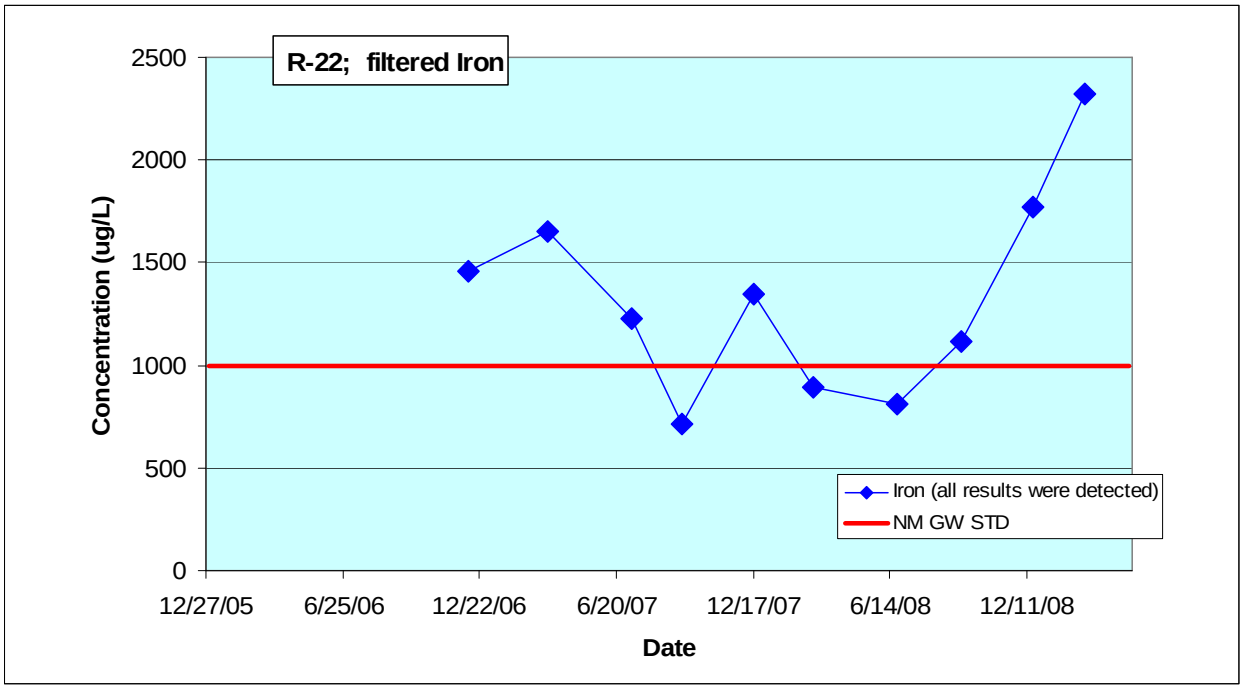

R-19; filtered Manganese
Concentration (ug/L)
1000
900
800
700
600
500
400
300
200
100
0
1/3/06
7/2/06
12/29/06
6/27/07
12/24/07
6/21/08
12/18/08
Date
Manganese (all results were detected)
NM GW STD

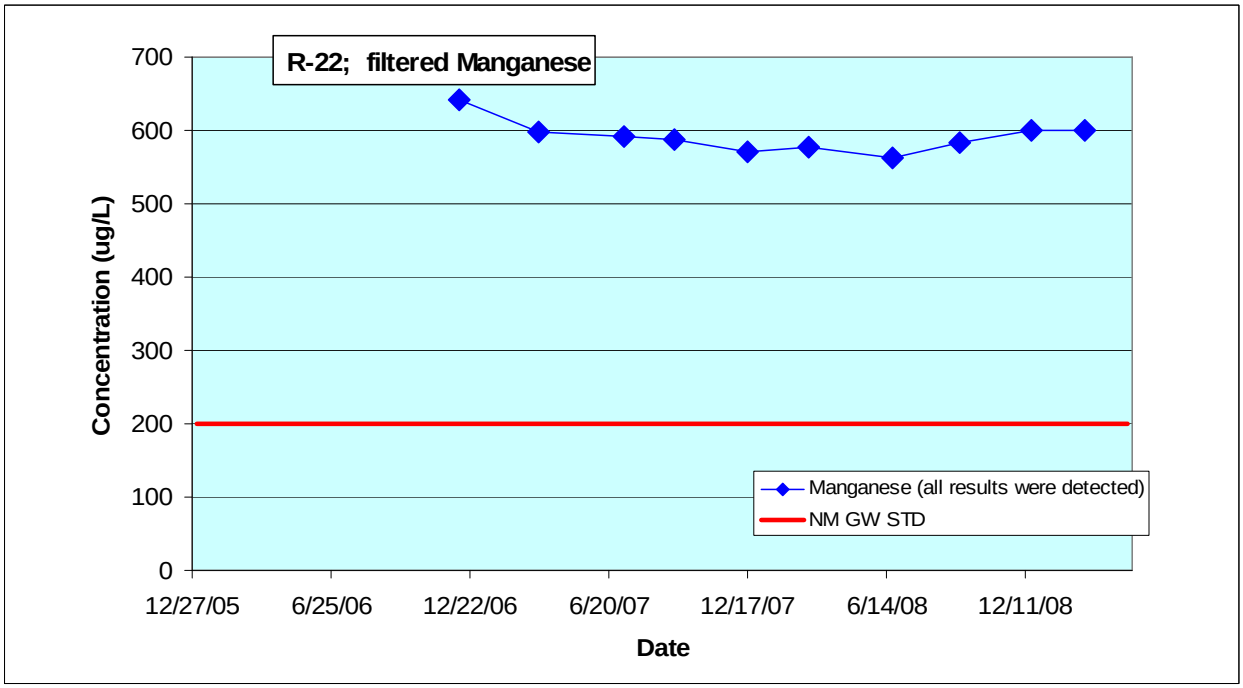

R-20; filtered Iron
Concentration (ug/L)
1800
1600
1400
1200
1000
800
600
400
200
0
Iron (all results were detected)
NM GW STD
9/29/04
3/28/05
9/24/05
3/23/06
9/19/06
3/18/07
9/14/07
Date

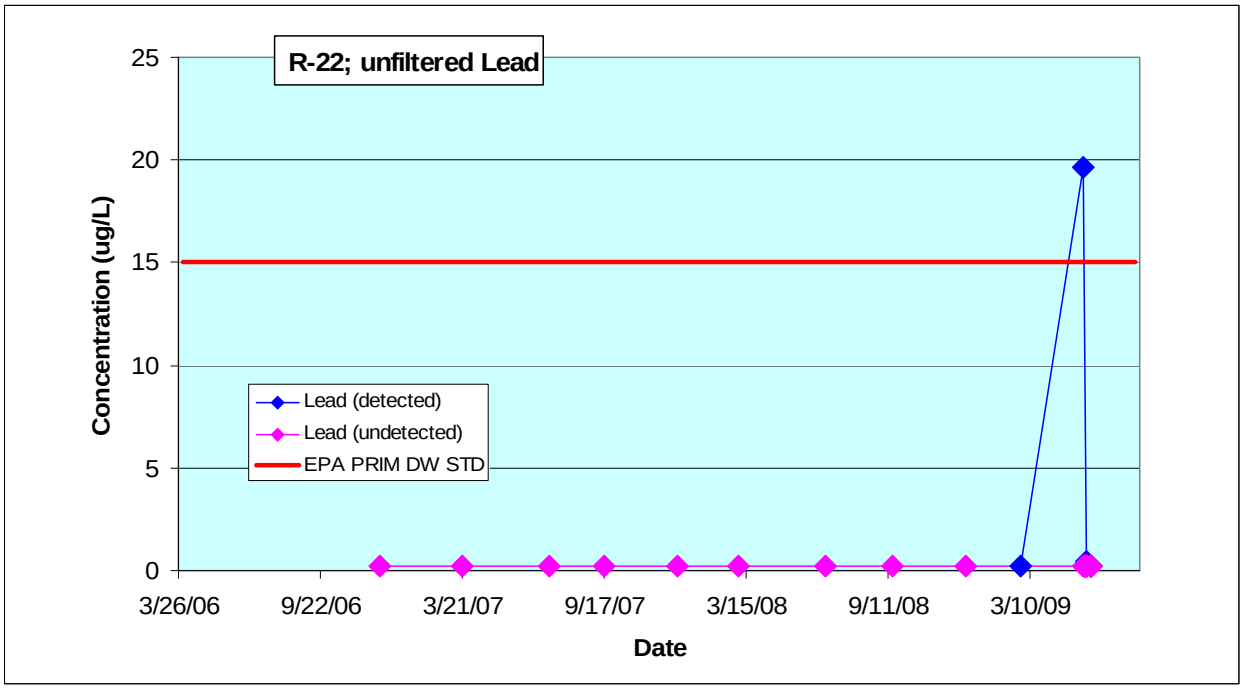

R-20; filtered Iron
Concentration (ug/L)
1400
1200
1000
800
600
400
200
0
Iron (all results were detected)
NM GW STD
10/3/04
4/1/05
9/28/05
3/27/06
9/23/06
3/22/07
9/18/07
Date

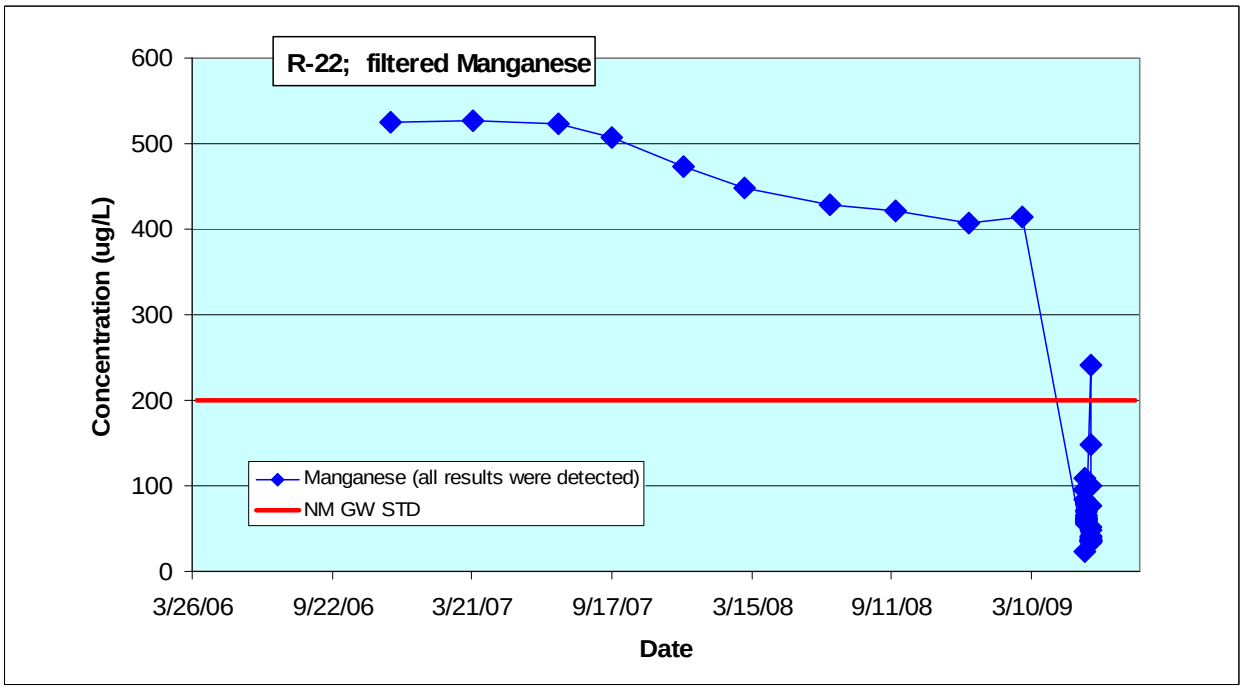

R-22; filtered Iron
Concentration (ug/L)
35000
30000
25000
20000
15000
10000
5000
0
12/27/05
6/25/06
12/22/06
6/20/07
12/17/07
6/14/08
12/11/08
Date
Iron (all results were detected)
NM GW STD

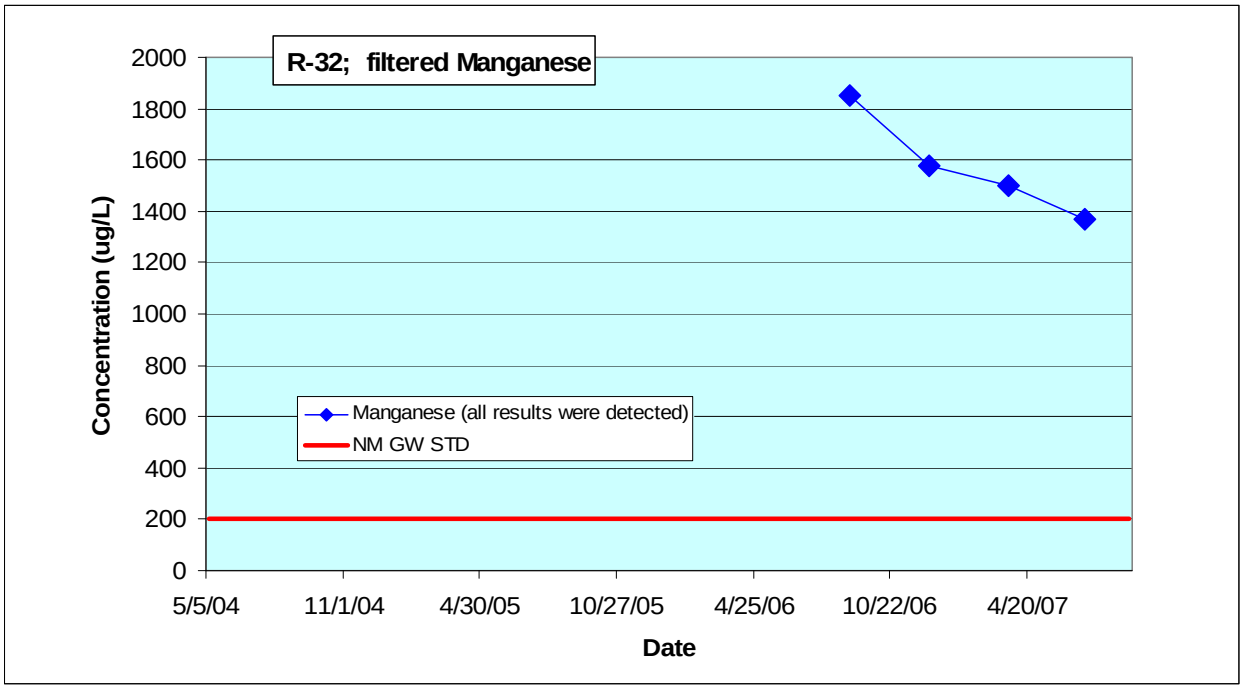

R-22; filtered Manganese
Concentration (ug/L)
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
12/27/05
6/25/06
12/22/06
6/20/07
12/17/07
6/14/08
12/11/08
Date
Manganese (all results were detected)
NM GW STD

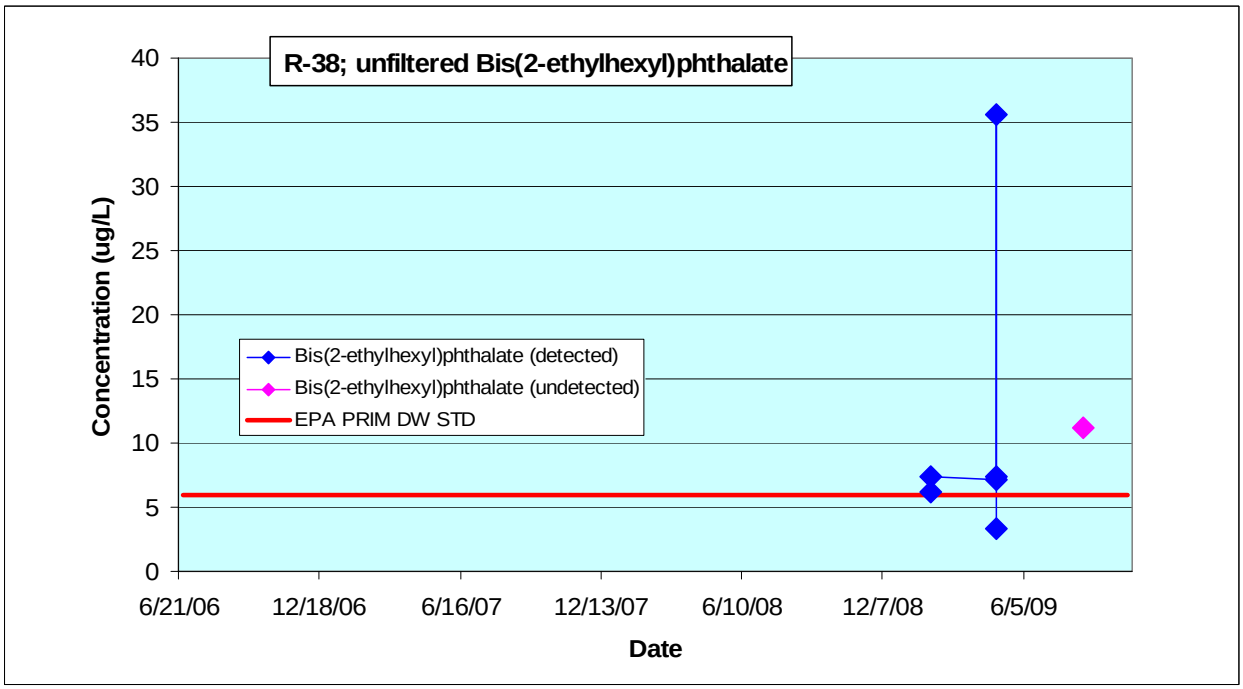

R-22; filtered Iron
2500
2000
1500
1000
500
0
Concentration (ug/L)
12/27/05
6/25/06
12/22/06
6/20/07
12/17/07
6/14/08
12/11/08
Date
Iron (all results were detected)
NM GW STD

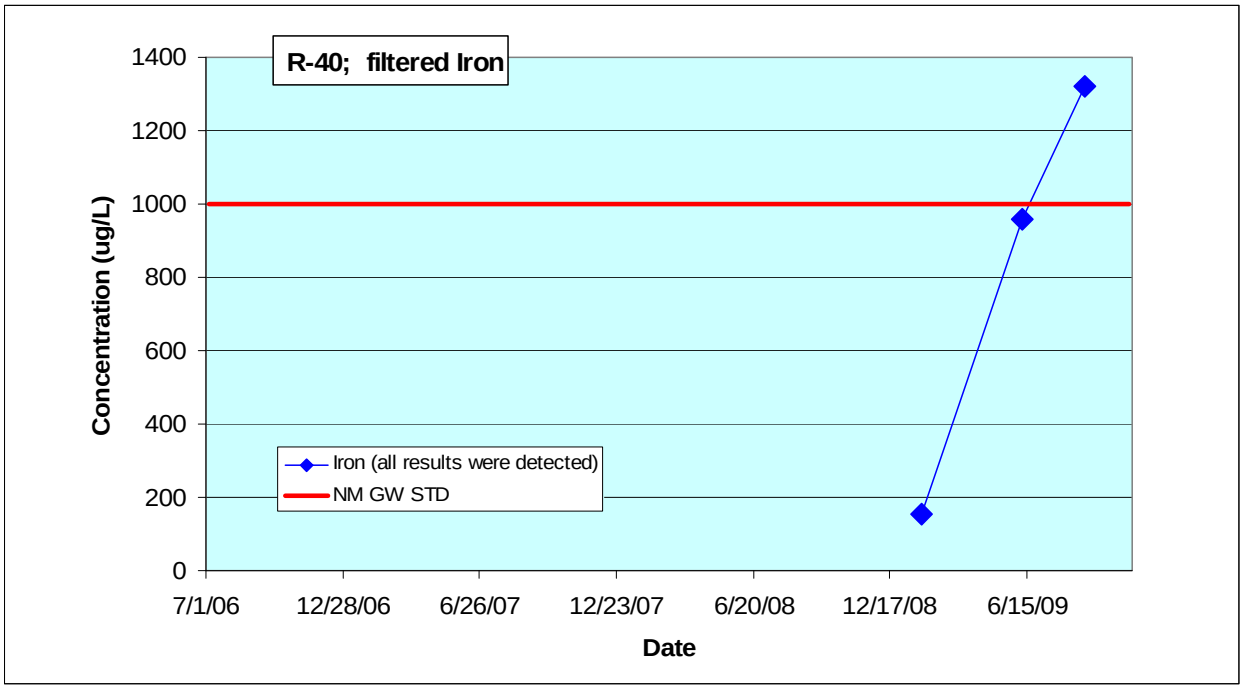

R-22; filtered Manganese
700
600
500
400
300
200
100
0
Concentration (ug/L)
12/27/05
6/25/06
12/22/06
6/20/07
12/17/07
6/14/08
12/11/08
Date
Manganese (all results were detected)
NM GW STD

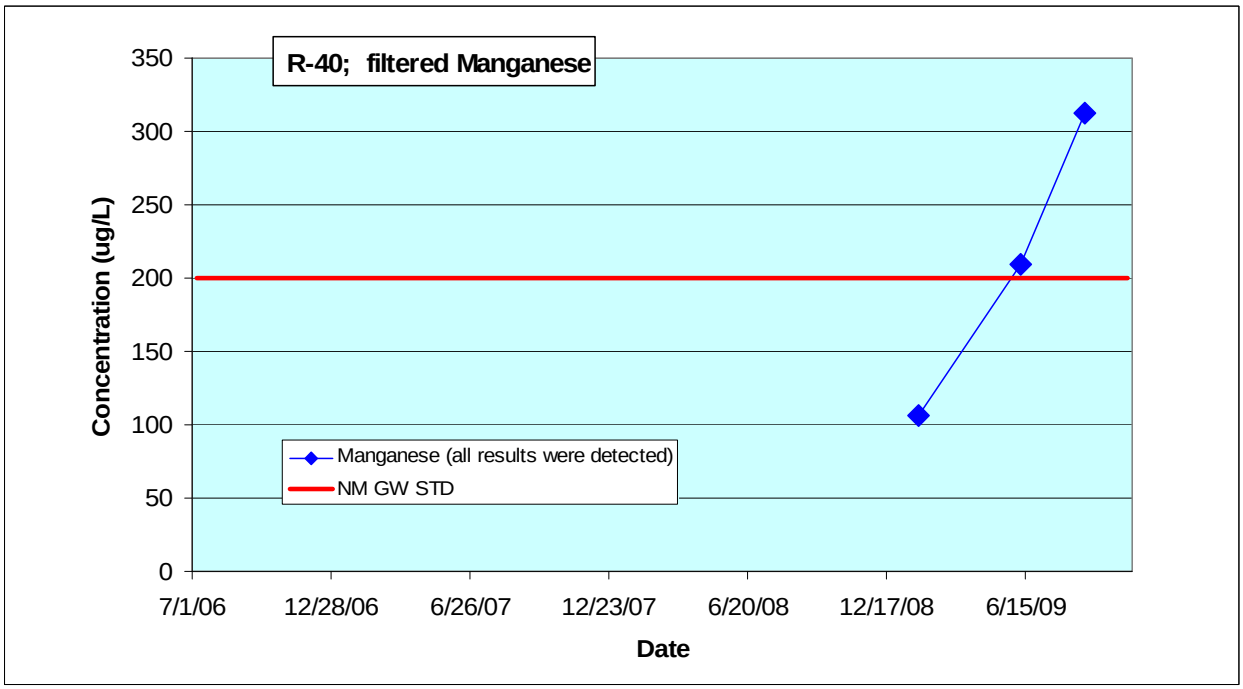

R-22; unfiltered Lead
Concentration (ug/L)
25
20
15
10
5
0
Lead (detected)
Lead (undetected)
EPA PRIM DW STD
3/26/06
9/22/06
3/21/07
9/17/07
3/15/08
9/11/08
3/10/09
Date

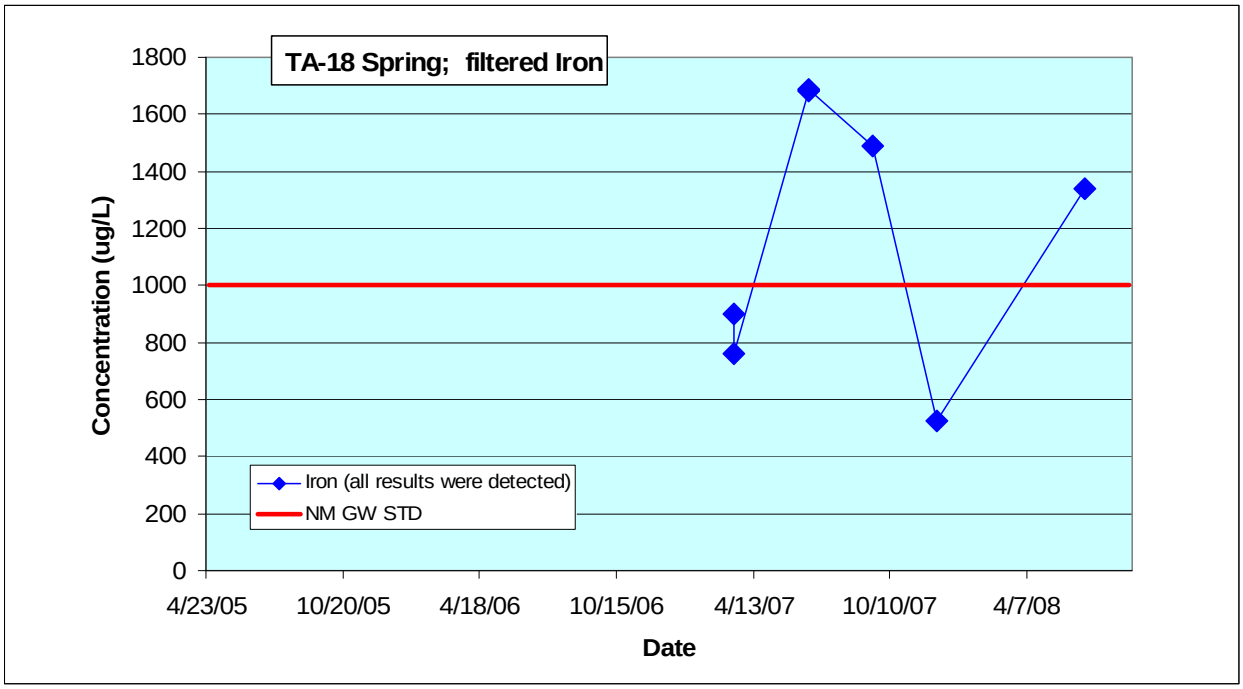

R-22; filtered Manganese
Concentration (ug/L)
600
500
400
300
200
100
0
Manganese (all results were detected)
NM GW STD
3/26/06
9/22/06
3/21/07
9/17/07
3/15/08
9/11/08
3/10/09
Date

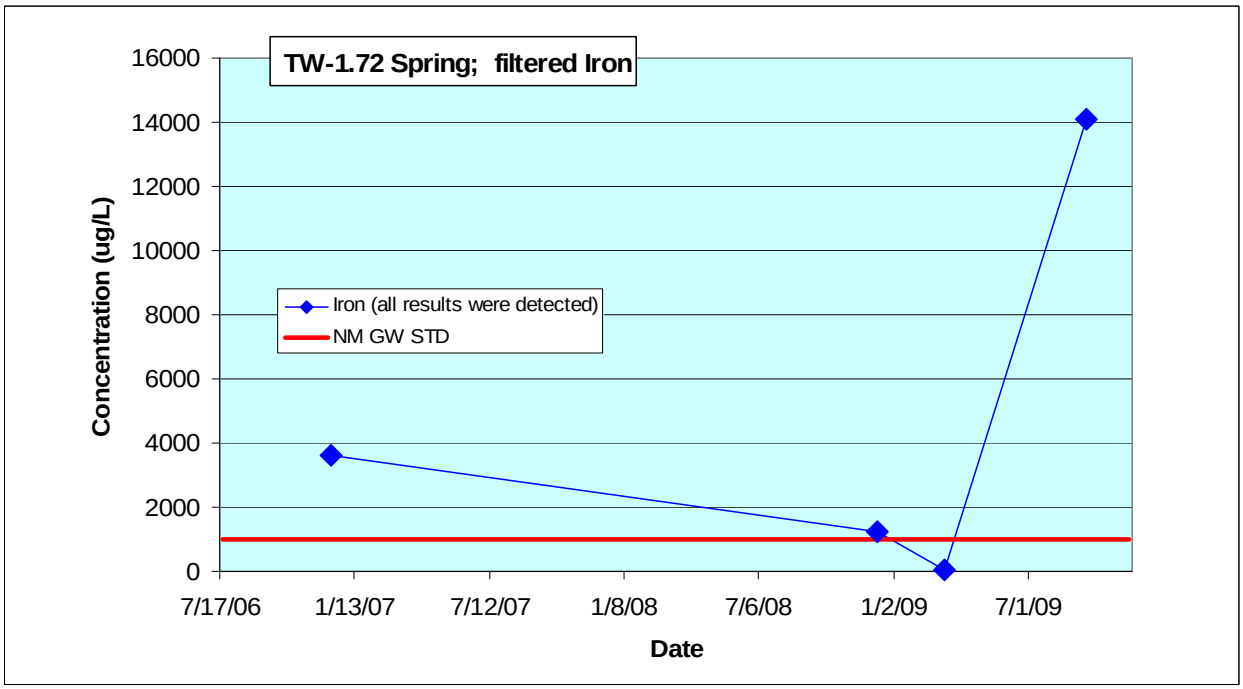

R-32; filtered Manganese
Concentration (ug/L)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
Manganese (all results were detected)
NM GW STD
5/5/04
11/1/04
4/30/05
10/27/05
4/25/06
10/22/06
4/20/07
Date

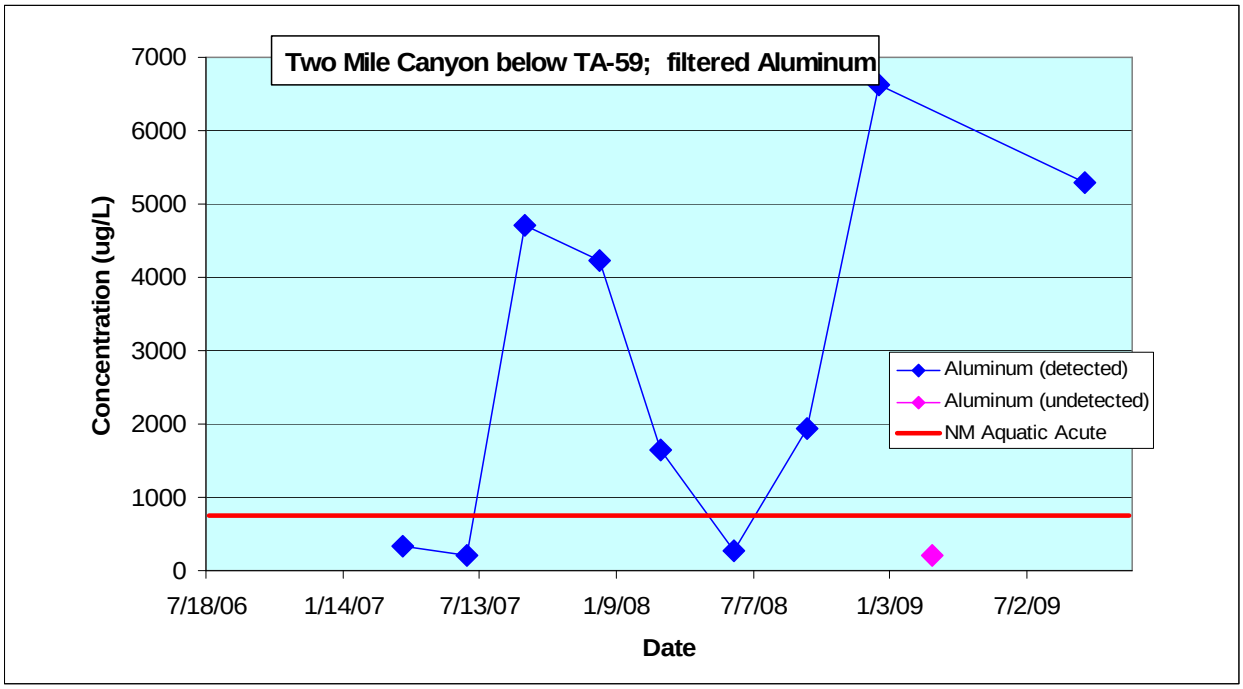

R-38; unfiltered Bis(2-ethylhexyl)phthalate
Concentration (ug/L)
40
35
30
25
20
15
10
5
0
Bis(2-ethylhexyl)phthalate (detected)
Bis(2-ethylhexyl)phthalate (undetected)
EPA PRIM DW STD
6/21/06
12/18/06
6/16/07
12/13/07
6/10/08
12/7/08
6/5/09
Date

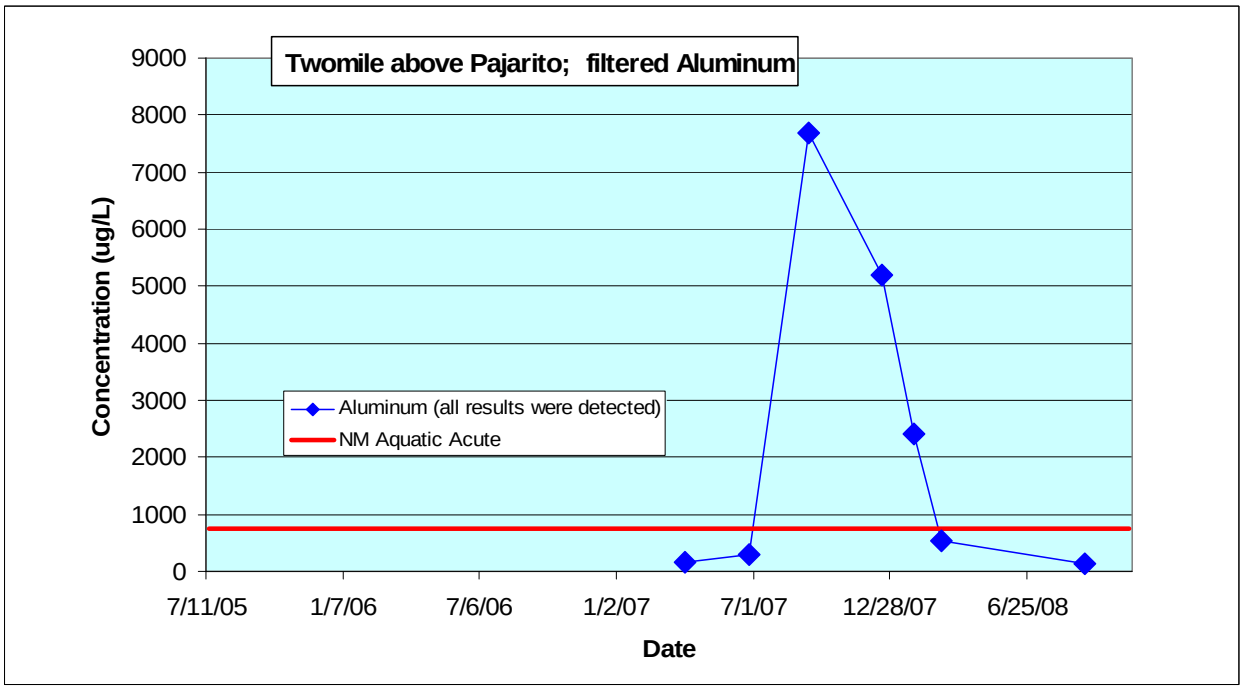

R-40; filtered Iron
1400
1200
1000
800
600
400
200
0
Concentration (ug/L)
Iron (all results were detected)
NM GW STD
7/1/06
12/28/06
6/26/07
12/23/07
6/20/08
12/17/08
6/15/09
Date


R-40; filtered Manganese
350
300
250
200
150
100
50
0
Concentration (ug/L)
Manganese (all results were detected)
NM GW STD
7/1/06
12/28/06
6/26/07
12/23/07
6/20/08
12/17/08
6/15/09
Date


TA-18 Spring; filtered Iron
Concentration (ug/L)
1800
1600
1400
1200
1000
800
600
400
200
0
Iron (all results were detected)
NM GW STD
4/23/05
10/20/05
4/18/06
10/15/06
4/13/07
10/10/07
4/7/08
Date


TW-1.72 Spring; filtered Iron
Concentration (ug/L)
16000
14000
12000
10000
8000
6000
4000
2000
0
Iron (all results were detected)
NM GW STD
7/17/06
1/13/07
7/12/07
1/8/08
7/6/08
1/2/09
7/1/09
Date


Two Mile Canyon below TA-59; filtered Aluminum
Concentration (ug/L)
7000
6000
5000
4000
3000
2000
1000
0
7/18/06
1/14/07
7/13/07
1/9/08
7/7/08
1/3/09
7/2/09
Date
Aluminum (detected)
Aluminum (undetected)
NM Aquatic Acute


Twomile above Pajarito; filtered Aluminum
Concentration (ug/L)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
7/11/05
1/7/06
7/6/06
1/2/07
7/1/07
12/28/07
6/25/08
Date
Aluminum (all results were detected)
NM Aquatic Acute

Appendix F

Analytical Reports
(on DVD included with this document)

DVD Table of Contents

Request	Suite	Lab	Sample	Date	Location
09-2601	GENINORG	GELC	CAMO-09-10532	7/13/2009	R-37
09-2601	HEXP	GELC	CAMO-09-10532	7/13/2009	R-37
09-2601	PEST/PCB	GELC	CAMO-09-10532	7/13/2009	R-37
09-2601	SVOA	GELC	CAMO-09-10532	7/13/2009	R-37
09-2601	VOA	GELC	CAMO-09-10532	7/13/2009	R-37
09-2601	VOA	GELC	CAMO-09-10533	7/13/2009	R-37
09-2602	GENINORG	GELC	CAMO-09-10530	7/13/2009	R-37
09-2602	GENINORG	GELC	CAMO-09-10532	7/13/2009	R-37
09-2602	METALS	GELC	CAMO-09-10530	7/13/2009	R-37
09-2602	METALS	GELC	CAMO-09-10532	7/13/2009	R-37
09-2602	RAD	GELC	CAMO-09-10530	7/13/2009	R-37
09-2602	RAD	GELC	CAMO-09-10532	7/13/2009	R-37
09-2603	DIOX/FUR	ALTC	CAMO-09-10532	7/13/2009	R-37
09-2608	RAD	UMTL	CAMO-09-10532	7/13/2009	R-37
09-2897	DIOX/FUR	ALTC	CAMO-09-9478	8/14/2009	CDBO-6
09-2897	DIOX/FUR	ALTC	CAMO-09-9482	8/14/2009	CDBO-6
09-2898	GENINORG	GELC	CAMO-09-9478	8/14/2009	CDBO-6
09-2898	HERB	GELC	CAMO-09-9478	8/14/2009	CDBO-6
09-2898	HEXP	GELC	CAMO-09-9478	8/14/2009	CDBO-6
09-2898	PEST/PCB	GELC	CAMO-09-9478	8/14/2009	CDBO-6
09-2898	SVOA	GELC	CAMO-09-9478	8/14/2009	CDBO-6
09-2898	SVOA	GELC	CAMO-09-9481	8/14/2009	CDBO-6
09-2898	SVOA	GELC	CAMO-09-9482	8/14/2009	CDBO-6
09-2898	VOA	GELC	CAMO-09-9478	8/14/2009	CDBO-6
09-2898	VOA	GELC	CAMO-09-9479	8/14/2009	CDBO-6
09-2898	VOA	GELC	CAMO-09-9481	8/14/2009	CDBO-6
09-2898	VOA	GELC	CAMO-09-9482	8/14/2009	CDBO-6
09-2899	GENINORG	GELC	CAMO-09-9478	8/14/2009	CDBO-6
09-2899	GENINORG	GELC	CAMO-09-9480	8/14/2009	CDBO-6
09-2899	METALS	GELC	CAMO-09-9478	8/14/2009	CDBO-6
09-2899	METALS	GELC	CAMO-09-9480	8/14/2009	CDBO-6
09-2899	RAD	GELC	CAMO-09-9478	8/14/2009	CDBO-6
09-2927	DIOX/FUR	ALTC	CAMO-09-9908	8/18/2009	R-21
09-2928	GENINORG	GELC	CAMO-09-9908	8/18/2009	R-21
09-2928	HERB	GELC	CAMO-09-9908	8/18/2009	R-21
09-2928	HEXP	GELC	CAMO-09-9908	8/18/2009	R-21
09-2928	PEST/PCB	GELC	CAMO-09-9908	8/18/2009	R-21
09-2928	SVOA	GELC	CAMO-09-9907	8/18/2009	R-21
09-2928	SVOA	GELC	CAMO-09-9908	8/18/2009	R-21

Request	Suite	Lab	Sample	Date	Location
09-2928	VOA	GELC	CAMO-09-9907	8/18/2009	R-21
09-2928	VOA	GELC	CAMO-09-9908	8/18/2009	R-21
09-2928	VOA	GELC	CAMO-09-9909	8/18/2009	R-21
09-2929	GENINORG	GELC	CAMO-09-9906	8/18/2009	R-21
09-2929	GENINORG	GELC	CAMO-09-9908	8/18/2009	R-21
09-2929	METALS	GELC	CAMO-09-9906	8/18/2009	R-21
09-2929	METALS	GELC	CAMO-09-9908	8/18/2009	R-21
09-2929	RAD	GELC	CAMO-09-9908	8/18/2009	R-21
09-2930	RAD	UMTL	CAMO-09-9478	8/14/2009	CDBO-6
09-2930	RAD	UMTL	CAMO-09-9908	8/18/2009	R-21
09-2982	GENINORG	GELC	CAMO-09-9912	8/20/2009	R-37
09-2982	HERB	GELC	CAMO-09-9912	8/20/2009	R-37
09-2982	HEXP	GELC	CAMO-09-9912	8/20/2009	R-37
09-2982	PEST/PCB	GELC	CAMO-09-12351	8/20/2009	R-37
09-2982	PEST/PCB	GELC	CAMO-09-9912	8/20/2009	R-37
09-2982	SVOA	GELC	CAMO-09-12351	8/20/2009	R-37
09-2982	SVOA	GELC	CAMO-09-9912	8/20/2009	R-37
09-2982	SVOA	GELC	CAMO-09-9914	8/20/2009	R-37
09-2982	VOA	GELC	CAMO-09-12351	8/20/2009	R-37
09-2982	VOA	GELC	CAMO-09-9911	8/20/2009	R-37
09-2982	VOA	GELC	CAMO-09-9912	8/20/2009	R-37
09-2982	VOA	GELC	CAMO-09-9914	8/20/2009	R-37
09-2983	GENINORG	GELC	CAMO-09-9912	8/20/2009	R-37
09-2983	GENINORG	GELC	CAMO-09-9913	8/20/2009	R-37
09-2983	METALS	GELC	CAMO-09-9912	8/20/2009	R-37
09-2983	METALS	GELC	CAMO-09-9913	8/20/2009	R-37
09-2983	RAD	GELC	CAMO-09-9912	8/20/2009	R-37
09-2991	GENINORG	GELC	CAMO-09-9566	8/21/2009	R-38
09-2991	GENINORG	GELC	CAMO-09-9567	8/21/2009	R-38
09-2991	HEXP	GELC	CAMO-09-9566	8/21/2009	R-38
09-2991	METALS	GELC	CAMO-09-9566	8/21/2009	R-38
09-2991	METALS	GELC	CAMO-09-9567	8/21/2009	R-38
09-2991	PEST/PCB	GELC	CAMO-09-9566	8/21/2009	R-38
09-2991	RAD	GELC	CAMO-09-9566	8/21/2009	R-38
09-2991	SVOA	GELC	CAMO-09-9566	8/21/2009	R-38
09-2991	VOA	GELC	CAMO-09-9565	8/21/2009	R-38
09-2991	VOA	GELC	CAMO-09-9566	8/21/2009	R-38
09-2992	DIOX/FUR	ALTC	CAMO-09-12351	8/20/2009	R-37
09-2992	DIOX/FUR	ALTC	CAMO-09-9566	8/21/2009	R-38
09-2992	DIOX/FUR	ALTC	CAMO-09-9912	8/20/2009	R-37
09-3009	RAD	UMTL	CAMO-09-9566	8/21/2009	R-38

Request	Suite	Lab	Sample	Date	Location
09-3009	RAD	UMTL	CAMO-09-9912	8/20/2009	R-37
09-3051	HEXP	STSL	CAPA-09-12253	8/31/2009	R-40
09-3051	HEXP	STSL	CAPA-09-12277	8/31/2009	R-32
09-3052	GENINORG	GELC	CAPA-09-12253	8/31/2009	R-40
09-3052	HERB	GELC	CAPA-09-12253	8/31/2009	R-40
09-3052	HEXP	GELC	CAPA-09-12253	8/31/2009	R-40
09-3052	PEST/PCB	GELC	CAPA-09-12253	8/31/2009	R-40
09-3052	SVOA	GELC	CAPA-09-12253	8/31/2009	R-40
09-3052	SVOA	GELC	CAPA-09-12254	8/31/2009	R-40
09-3052	VOA	GELC	CAPA-09-12253	8/31/2009	R-40
09-3052	VOA	GELC	CAPA-09-12254	8/31/2009	R-40
09-3052	VOA	GELC	CAPA-09-12256	8/31/2009	R-40
09-3053	GENINORG	GELC	CAPA-09-12253	8/31/2009	R-40
09-3053	GENINORG	GELC	CAPA-09-12255	8/31/2009	R-40
09-3053	METALS	GELC	CAPA-09-12253	8/31/2009	R-40
09-3053	METALS	GELC	CAPA-09-12255	8/31/2009	R-40
09-3053	RAD	GELC	CAPA-09-12253	8/31/2009	R-40
09-3054	GENINORG	GELC	CAPA-09-12277	8/31/2009	R-32
09-3054	HERB	GELC	CAPA-09-12277	8/31/2009	R-32
09-3054	HEXP	GELC	CAPA-09-12277	8/31/2009	R-32
09-3054	PEST/PCB	GELC	CAPA-09-12277	8/31/2009	R-32
09-3054	SVOA	GELC	CAPA-09-12276	8/31/2009	R-32
09-3054	SVOA	GELC	CAPA-09-12277	8/31/2009	R-32
09-3054	VOA	GELC	CAPA-09-12275	8/31/2009	R-32
09-3054	VOA	GELC	CAPA-09-12276	8/31/2009	R-32
09-3054	VOA	GELC	CAPA-09-12277	8/31/2009	R-32
09-3055	GENINORG	GELC	CAPA-09-12277	8/31/2009	R-32
09-3055	GENINORG	GELC	CAPA-09-12278	8/31/2009	R-32
09-3055	METALS	GELC	CAPA-09-12277	8/31/2009	R-32
09-3055	METALS	GELC	CAPA-09-12278	8/31/2009	R-32
09-3055	RAD	GELC	CAPA-09-12277	8/31/2009	R-32
09-3081	HEXP	STSL	CAPA-09-12297	9/1/2009	R-49
09-3081	HEXP	STSL	CAPA-09-12300	9/1/2009	R-49
09-3082	DIOX/FUR	ALTC	CAPA-09-12297	9/1/2009	R-49
09-3082	DIOX/FUR	ALTC	CAPA-09-12300	9/1/2009	R-49
09-3083	GENINORG	GELC	CAPA-09-12297	9/1/2009	R-49
09-3083	GENINORG	GELC	CAPA-09-12300	9/1/2009	R-49
09-3083	HERB	GELC	CAPA-09-12297	9/1/2009	R-49
09-3083	HERB	GELC	CAPA-09-12300	9/1/2009	R-49
09-3083	HEXP	GELC	CAPA-09-12297	9/1/2009	R-49
09-3083	HEXP	GELC	CAPA-09-12300	9/1/2009	R-49

Request	Suite	Lab	Sample	Date	Location
09-3083	PEST/PCB	GELC	CAPA-09-12297	9/1/2009	R-49
09-3083	PEST/PCB	GELC	CAPA-09-12300	9/1/2009	R-49
09-3083	SVOA	GELC	CAPA-09-12297	9/1/2009	R-49
09-3083	SVOA	GELC	CAPA-09-12298	9/1/2009	R-49
09-3083	SVOA	GELC	CAPA-09-12300	9/1/2009	R-49
09-3083	SVOA	GELC	CAPA-09-12302	9/1/2009	R-49
09-3083	VOA	GELC	CAPA-09-12296	9/1/2009	R-49
09-3083	VOA	GELC	CAPA-09-12297	9/1/2009	R-49
09-3083	VOA	GELC	CAPA-09-12298	9/1/2009	R-49
09-3083	VOA	GELC	CAPA-09-12300	9/1/2009	R-49
09-3083	VOA	GELC	CAPA-09-12301	9/1/2009	R-49
09-3083	VOA	GELC	CAPA-09-12302	9/1/2009	R-49
09-3084	GENINORG	GELC	CAPA-09-12295	9/1/2009	R-49
09-3084	GENINORG	GELC	CAPA-09-12297	9/1/2009	R-49
09-3084	GENINORG	GELC	CAPA-09-12299	9/1/2009	R-49
09-3084	GENINORG	GELC	CAPA-09-12300	9/1/2009	R-49
09-3084	METALS	GELC	CAPA-09-12295	9/1/2009	R-49
09-3084	METALS	GELC	CAPA-09-12297	9/1/2009	R-49
09-3084	METALS	GELC	CAPA-09-12299	9/1/2009	R-49
09-3084	METALS	GELC	CAPA-09-12300	9/1/2009	R-49
09-3085	RAD	GELC	CAPA-09-12297	9/1/2009	R-49
09-3085	RAD	GELC	CAPA-09-12300	9/1/2009	R-49
09-3086	RAD	UMTL	CAPA-09-12253	8/31/2009	R-40
09-3086	RAD	UMTL	CAPA-09-12277	8/31/2009	R-32
09-3086	RAD	UMTL	CAPA-09-12294	9/1/2009	R-41
09-3086	RAD	UMTL	CAPA-09-12297	9/1/2009	R-49
09-3086	RAD	UMTL	CAPA-09-12300	9/1/2009	R-49
09-3088	DIOX/FUR	ALTC	CAPA-09-12294	9/1/2009	R-41
09-3089	HEXP	STSL	CAPA-09-12294	9/1/2009	R-41
09-3091	GENINORG	GELC	CAPA-09-12291	9/1/2009	R-41
09-3091	GENINORG	GELC	CAPA-09-12294	9/1/2009	R-41
09-3091	METALS	GELC	CAPA-09-12291	9/1/2009	R-41
09-3091	METALS	GELC	CAPA-09-12294	9/1/2009	R-41
09-3091	METALS	GELC	CAPA-09-12470	9/1/2009	R-41
09-3091	RAD	GELC	CAPA-09-12294	9/1/2009	R-41
09-3105	HEXP	STSL	CAPA-09-12281	9/2/2009	R-39
09-3106	DIOX/FUR	ALTC	CAPA-09-12281	9/2/2009	R-39
09-3107	GENINORG	GELC	CAPA-09-12281	9/2/2009	R-39
09-3107	HERB	GELC	CAPA-09-12281	9/2/2009	R-39
09-3107	HEXP	GELC	CAPA-09-12281	9/2/2009	R-39
09-3107	PEST/PCB	GELC	CAPA-09-12281	9/2/2009	R-39

Request	Suite	Lab	Sample	Date	Location
09-3107	SVOA	GELC	CAPA-09-12279	9/2/2009	R-39
09-3107	SVOA	GELC	CAPA-09-12281	9/2/2009	R-39
09-3107	VOA	GELC	CAPA-09-12279	9/2/2009	R-39
09-3107	VOA	GELC	CAPA-09-12281	9/2/2009	R-39
09-3107	VOA	GELC	CAPA-09-12282	9/2/2009	R-39
09-3108	GENINORG	GELC	CAPA-09-12280	9/2/2009	R-39
09-3108	GENINORG	GELC	CAPA-09-12281	9/2/2009	R-39
09-3108	METALS	GELC	CAPA-09-12280	9/2/2009	R-39
09-3108	METALS	GELC	CAPA-09-12281	9/2/2009	R-39
09-3108	RAD	GELC	CAPA-09-12281	9/2/2009	R-39
09-3114	DIOX/FUR	ALTC	CAPA-09-12210	9/2/2009	PCAO-5
09-3115	HEXP	STSL	CAPA-09-12138	9/2/2009	18-MW-18
09-3115	HEXP	STSL	CAPA-09-12210	9/2/2009	PCAO-5
09-3116	GENINORG	GELC	CAPA-09-12138	9/2/2009	18-MW-18
09-3116	GENINORG	GELC	CAPA-09-12142	9/2/2009	18-MW-18
09-3116	GENINORG	GELC	CAPA-09-12210	9/2/2009	PCAO-5
09-3116	HERB	GELC	CAPA-09-12210	9/2/2009	PCAO-5
09-3116	HEXP	GELC	CAPA-09-12138	9/2/2009	18-MW-18
09-3116	HEXP	GELC	CAPA-09-12210	9/2/2009	PCAO-5
09-3116	PEST/PCB	GELC	CAPA-09-12210	9/2/2009	PCAO-5
09-3116	SVOA	GELC	CAPA-09-12137	9/2/2009	18-MW-18
09-3116	SVOA	GELC	CAPA-09-12138	9/2/2009	18-MW-18
09-3116	SVOA	GELC	CAPA-09-12142	9/2/2009	18-MW-18
09-3116	SVOA	GELC	CAPA-09-12210	9/2/2009	PCAO-5
09-3116	SVOA	GELC	CAPA-09-12212	9/2/2009	PCAO-5
09-3116	VOA	GELC	CAPA-09-12137	9/2/2009	18-MW-18
09-3116	VOA	GELC	CAPA-09-12138	9/2/2009	18-MW-18
09-3116	VOA	GELC	CAPA-09-12140	9/2/2009	18-MW-18
09-3116	VOA	GELC	CAPA-09-12142	9/2/2009	18-MW-18
09-3116	VOA	GELC	CAPA-09-12210	9/2/2009	PCAO-5
09-3116	VOA	GELC	CAPA-09-12212	9/2/2009	PCAO-5
09-3116	VOA	GELC	CAPA-09-12213	9/2/2009	PCAO-5
09-3117	GENINORG	GELC	CAPA-09-12138	9/2/2009	18-MW-18
09-3117	GENINORG	GELC	CAPA-09-12141	9/2/2009	18-MW-18
09-3117	GENINORG	GELC	CAPA-09-12210	9/2/2009	PCAO-5
09-3117	GENINORG	GELC	CAPA-09-12211	9/2/2009	PCAO-5
09-3117	METALS	GELC	CAPA-09-12138	9/2/2009	18-MW-18
09-3117	METALS	GELC	CAPA-09-12141	9/2/2009	18-MW-18
09-3117	METALS	GELC	CAPA-09-12210	9/2/2009	PCAO-5
09-3117	METALS	GELC	CAPA-09-12211	9/2/2009	PCAO-5
09-3118	RAD	GELC	CAPA-09-12138	9/2/2009	18-MW-18

Request	Suite	Lab	Sample	Date	Location
09-3118	RAD	GELC	CAPA-09-12142	9/2/2009	18-MW-18
09-3118	RAD	GELC	CAPA-09-12210	9/2/2009	PCAO-5
09-3122	DIOX/FUR	ALTC	CAPA-09-12263	9/2/2009	R-20
09-3123	HEXP	STSL	CAPA-09-12263	9/2/2009	R-20
09-3130	GENINORG	GELC	CAPA-09-12312	9/4/2009	R-40
09-3130	GENINORG	GELC	CAPA-09-12314	9/4/2009	R-40
09-3130	METALS	GELC	CAPA-09-12312	9/4/2009	R-40
09-3130	METALS	GELC	CAPA-09-12314	9/4/2009	R-40
09-3130	SVOA	GELC	CAPA-09-12314	9/4/2009	R-40
09-3130	VOA	GELC	CAPA-09-12314	9/4/2009	R-40
09-3130	VOA	GELC	CAPA-09-12315	9/4/2009	R-40
09-3131	HERB	GELC	CAPA-09-12265	9/3/2009	R-20
09-3131	HERB	GELC	CAPA-09-12270	9/3/2009	R-23
09-3131	HEXP	GELC	CAPA-09-12265	9/3/2009	R-20
09-3131	HEXP	GELC	CAPA-09-12270	9/3/2009	R-23
09-3131	HEXP	GELC	CAPA-09-12273	9/3/2009	R-23
09-3131	PEST/PCB	GELC	CAPA-09-12265	9/3/2009	R-20
09-3131	PEST/PCB	GELC	CAPA-09-12270	9/3/2009	R-23
09-3131	PEST/PCB	GELC	CAPA-09-12272	9/3/2009	R-23
09-3131	PEST/PCB	GELC	CAPA-09-12273	9/3/2009	R-23
09-3131	SVOA	GELC	CAPA-09-12265	9/3/2009	R-20
09-3131	SVOA	GELC	CAPA-09-12266	9/3/2009	R-20
09-3131	SVOA	GELC	CAPA-09-12270	9/3/2009	R-23
09-3131	SVOA	GELC	CAPA-09-12272	9/3/2009	R-23
09-3131	SVOA	GELC	CAPA-09-12273	9/3/2009	R-23
09-3131	VOA	GELC	CAPA-09-12265	9/3/2009	R-20
09-3131	VOA	GELC	CAPA-09-12266	9/3/2009	R-20
09-3131	VOA	GELC	CAPA-09-12268	9/3/2009	R-20
09-3131	VOA	GELC	CAPA-09-12269	9/3/2009	R-23
09-3131	VOA	GELC	CAPA-09-12270	9/3/2009	R-23
09-3131	VOA	GELC	CAPA-09-12272	9/3/2009	R-23
09-3131	VOA	GELC	CAPA-09-12273	9/3/2009	R-23
09-3132	GENINORG	GELC	CAPA-09-12265	9/3/2009	R-20
09-3132	GENINORG	GELC	CAPA-09-12267	9/3/2009	R-20
09-3132	GENINORG	GELC	CAPA-09-12270	9/3/2009	R-23
09-3132	GENINORG	GELC	CAPA-09-12271	9/3/2009	R-23
09-3132	GENINORG	GELC	CAPA-09-12273	9/3/2009	R-23
09-3132	GENINORG	GELC	CAPA-09-12274	9/3/2009	R-23
09-3132	METALS	GELC	CAPA-09-12265	9/3/2009	R-20
09-3132	METALS	GELC	CAPA-09-12267	9/3/2009	R-20
09-3132	METALS	GELC	CAPA-09-12270	9/3/2009	R-23

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09-3132	METALS	GELC	CAPA-09-12271	9/3/2009	R-23
09-3132	METALS	GELC	CAPA-09-12273	9/3/2009	R-23
09-3132	METALS	GELC	CAPA-09-12274	9/3/2009	R-23
09-3133	RAD	GELC	CAPA-09-12265	9/3/2009	R-20
09-3133	RAD	GELC	CAPA-09-12270	9/3/2009	R-23
09-3133	RAD	GELC	CAPA-09-12273	9/3/2009	R-23
09-3134	GENINORG	GELC	CAPA-09-12130	9/4/2009	18-MW-11
09-3134	GENINORG	GELC	CAPA-09-12132	9/4/2009	18-MW-11
09-3134	HERB	GELC	CAPA-09-12130	9/4/2009	18-MW-11
09-3134	HEXP	GELC	CAPA-09-12130	9/4/2009	18-MW-11
09-3134	METALS	GELC	CAPA-09-12130	9/4/2009	18-MW-11
09-3134	METALS	GELC	CAPA-09-12132	9/4/2009	18-MW-11
09-3134	PEST/PCB	GELC	CAPA-09-12130	9/4/2009	18-MW-11
09-3134	RAD	GELC	CAPA-09-12130	9/4/2009	18-MW-11
09-3134	SVOA	GELC	CAPA-09-12129	9/4/2009	18-MW-11
09-3134	SVOA	GELC	CAPA-09-12130	9/4/2009	18-MW-11
09-3134	VOA	GELC	CAPA-09-12129	9/4/2009	18-MW-11
09-3134	VOA	GELC	CAPA-09-12130	9/4/2009	18-MW-11
09-3134	VOA	GELC	CAPA-09-12131	9/4/2009	18-MW-11
09-3135	HERB	GELC	CAPA-09-12263	9/2/2009	R-20
09-3135	HERB	GELC	CAPA-09-12311	9/3/2009	18-BG-1
09-3135	HEXP	GELC	CAPA-09-12263	9/2/2009	R-20
09-3135	HEXP	GELC	CAPA-09-12311	9/3/2009	18-BG-1
09-3135	HEXP	GELC	CAPA-09-12941	9/3/2009	18-BG-1
09-3135	PEST/PCB	GELC	CAPA-09-12263	9/2/2009	R-20
09-3135	PEST/PCB	GELC	CAPA-09-12311	9/3/2009	18-BG-1
09-3135	PEST/PCB	GELC	CAPA-09-12941	9/3/2009	18-BG-1
09-3135	SVOA	GELC	CAPA-09-12262	9/2/2009	R-20
09-3135	SVOA	GELC	CAPA-09-12263	9/2/2009	R-20
09-3135	SVOA	GELC	CAPA-09-12311	9/3/2009	18-BG-1
09-3135	SVOA	GELC	CAPA-09-12941	9/3/2009	18-BG-1
09-3135	VOA	GELC	CAPA-09-12262	9/2/2009	R-20
09-3135	VOA	GELC	CAPA-09-12263	9/2/2009	R-20
09-3135	VOA	GELC	CAPA-09-12264	9/2/2009	R-20
09-3135	VOA	GELC	CAPA-09-12308	9/3/2009	18-BG-1
09-3135	VOA	GELC	CAPA-09-12311	9/3/2009	18-BG-1
09-3135	VOA	GELC	CAPA-09-12941	9/3/2009	18-BG-1
09-3136	GENINORG	GELC	CAPA-09-12261	9/2/2009	R-20
09-3136	GENINORG	GELC	CAPA-09-12263	9/2/2009	R-20
09-3136	GENINORG	GELC	CAPA-09-12309	9/3/2009	18-BG-1
09-3136	GENINORG	GELC	CAPA-09-12311	9/3/2009	18-BG-1

Request	Suite	Lab	Sample	Date	Location
09-3136	GENINORG	GELC	CAPA-09-12940	9/3/2009	18-BG-1
09-3136	GENINORG	GELC	CAPA-09-12941	9/3/2009	18-BG-1
09-3136	METALS	GELC	CAPA-09-12261	9/2/2009	R-20
09-3136	METALS	GELC	CAPA-09-12263	9/2/2009	R-20
09-3136	METALS	GELC	CAPA-09-12309	9/3/2009	18-BG-1
09-3136	METALS	GELC	CAPA-09-12311	9/3/2009	18-BG-1
09-3136	METALS	GELC	CAPA-09-12940	9/3/2009	18-BG-1
09-3136	METALS	GELC	CAPA-09-12941	9/3/2009	18-BG-1
09-3136	RAD	GELC	CAPA-09-12263	9/2/2009	R-20
09-3136	RAD	GELC	CAPA-09-12311	9/3/2009	18-BG-1
09-3136	RAD	GELC	CAPA-09-12941	9/3/2009	18-BG-1
09-3137	HEXP	STSL	CAPA-09-12130	9/4/2009	18-MW-11
09-3137	HEXP	STSL	CAPA-09-12265	9/3/2009	R-20
09-3137	HEXP	STSL	CAPA-09-12270	9/3/2009	R-23
09-3137	HEXP	STSL	CAPA-09-12273	9/3/2009	R-23
09-3137	HEXP	STSL	CAPA-09-12311	9/3/2009	18-BG-1
09-3137	HEXP	STSL	CAPA-09-12314	9/4/2009	R-40
09-3137	HEXP	STSL	CAPA-09-12317	9/3/2009	R-40
09-3137	HEXP	STSL	CAPA-09-12941	9/3/2009	18-BG-1
09-3147	DIOX/FUR	ALTC	CAPA-09-12265	9/3/2009	R-20
09-3147	DIOX/FUR	ALTC	CAPA-09-12270	9/3/2009	R-23
09-3147	DIOX/FUR	ALTC	CAPA-09-12272	9/3/2009	R-23
09-3147	DIOX/FUR	ALTC	CAPA-09-12273	9/3/2009	R-23
09-3149	DIOX/FUR	ALTC	CAPA-09-12259	9/4/2009	PCI-2
09-3150	HEXP	STSL	CAPA-09-12259	9/4/2009	PCI-2
09-3151	GENINORG	GELC	CAPA-09-12259	9/4/2009	PCI-2
09-3151	HERB	GELC	CAPA-09-12259	9/4/2009	PCI-2
09-3151	HEXP	GELC	CAPA-09-12259	9/4/2009	PCI-2
09-3151	PEST/PCB	GELC	CAPA-09-12259	9/4/2009	PCI-2
09-3151	SVOA	GELC	CAPA-09-12258	9/4/2009	PCI-2
09-3151	SVOA	GELC	CAPA-09-12259	9/4/2009	PCI-2
09-3151	VOA	GELC	CAPA-09-12258	9/4/2009	PCI-2
09-3151	VOA	GELC	CAPA-09-12259	9/4/2009	PCI-2
09-3151	VOA	GELC	CAPA-09-12260	9/4/2009	PCI-2
09-3152	GENINORG	GELC	CAPA-09-12257	9/4/2009	PCI-2
09-3152	GENINORG	GELC	CAPA-09-12259	9/4/2009	PCI-2
09-3152	METALS	GELC	CAPA-09-12257	9/4/2009	PCI-2
09-3152	METALS	GELC	CAPA-09-12259	9/4/2009	PCI-2
09-3152	RAD	GELC	CAPA-09-12259	9/4/2009	PCI-2
09-3159	GENINORG	GELC	CAPA-09-12316	9/3/2009	R-40
09-3159	GENINORG	GELC	CAPA-09-12317	9/3/2009	R-40

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09-3159	HERB	GELC	CAPA-09-12317	9/3/2009	R-40
09-3159	HEXP	GELC	CAPA-09-12317	9/3/2009	R-40
09-3159	METALS	GELC	CAPA-09-12316	9/3/2009	R-40
09-3159	METALS	GELC	CAPA-09-12317	9/3/2009	R-40
09-3159	PEST/PCB	GELC	CAPA-09-12317	9/3/2009	R-40
09-3159	RAD	GELC	CAPA-09-12317	9/3/2009	R-40
09-3159	SVOA	GELC	CAPA-09-12317	9/3/2009	R-40
09-3159	SVOA	GELC	CAPA-09-12318	9/3/2009	R-40
09-3159	VOA	GELC	CAPA-09-12317	9/3/2009	R-40
09-3159	VOA	GELC	CAPA-09-12318	9/3/2009	R-40
09-3159	VOA	GELC	CAPA-09-12319	9/3/2009	R-40
09-3160	DIOX/FUR	ALTC	CAPA-09-12317	9/3/2009	R-40
09-3163	HEXP	STSL	CAPA-09-12136	9/8/2009	18-MW-8
09-3164	GENINORG	GELC	CAPA-09-12134	9/8/2009	18-MW-8
09-3164	GENINORG	GELC	CAPA-09-12136	9/8/2009	18-MW-8
09-3164	HERB	GELC	CAPA-09-12136	9/8/2009	18-MW-8
09-3164	HEXP	GELC	CAPA-09-12136	9/8/2009	18-MW-8
09-3164	METALS	GELC	CAPA-09-12134	9/8/2009	18-MW-8
09-3164	METALS	GELC	CAPA-09-12136	9/8/2009	18-MW-8
09-3164	PEST/PCB	GELC	CAPA-09-12136	9/8/2009	18-MW-8
09-3164	RAD	GELC	CAPA-09-12136	9/8/2009	18-MW-8
09-3164	SVOA	GELC	CAPA-09-12135	9/8/2009	18-MW-8
09-3164	SVOA	GELC	CAPA-09-12136	9/8/2009	18-MW-8
09-3164	VOA	GELC	CAPA-09-12133	9/8/2009	18-MW-8
09-3164	VOA	GELC	CAPA-09-12135	9/8/2009	18-MW-8
09-3164	VOA	GELC	CAPA-09-12136	9/8/2009	18-MW-8
09-3165	RAD	UMTL	CAPA-09-12130	9/4/2009	18-MW-11
09-3165	RAD	UMTL	CAPA-09-12136	9/8/2009	18-MW-8
09-3165	RAD	UMTL	CAPA-09-12138	9/2/2009	18-MW-18
09-3165	RAD	UMTL	CAPA-09-12210	9/2/2009	PCAO-5
09-3165	RAD	UMTL	CAPA-09-12259	9/4/2009	PCI-2
09-3165	RAD	UMTL	CAPA-09-12263	9/2/2009	R-20
09-3165	RAD	UMTL	CAPA-09-12265	9/3/2009	R-20
09-3165	RAD	UMTL	CAPA-09-12270	9/3/2009	R-23
09-3165	RAD	UMTL	CAPA-09-12273	9/3/2009	R-23
09-3165	RAD	UMTL	CAPA-09-12281	9/2/2009	R-39
09-3165	RAD	UMTL	CAPA-09-12311	9/3/2009	18-BG-1
09-3165	RAD	UMTL	CAPA-09-12314	9/4/2009	R-40
09-3165	RAD	UMTL	CAPA-09-12317	9/3/2009	R-40
09-3165	RAD	UMTL	CAPA-09-12941	9/3/2009	18-BG-1
09-3169	DIOX/FUR	ALTC	CAPA-09-12244	9/8/2009	R-23i

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09-3170	HEXP	STSL	CAPA-09-12244	9/8/2009	R-23i
09-3171	GENINORG	GELC	CAPA-09-12243	9/8/2009	R-23i
09-3171	GENINORG	GELC	CAPA-09-12244	9/8/2009	R-23i
09-3171	HERB	GELC	CAPA-09-12244	9/8/2009	R-23i
09-3171	HEXP	GELC	CAPA-09-12244	9/8/2009	R-23i
09-3171	METALS	GELC	CAPA-09-12243	9/8/2009	R-23i
09-3171	METALS	GELC	CAPA-09-12244	9/8/2009	R-23i
09-3171	PEST/PCB	GELC	CAPA-09-12244	9/8/2009	R-23i
09-3171	RAD	GELC	CAPA-09-12244	9/8/2009	R-23i
09-3171	SVOA	GELC	CAPA-09-12244	9/8/2009	R-23i
09-3171	SVOA	GELC	CAPA-09-12245	9/8/2009	R-23i
09-3171	VOA	GELC	CAPA-09-12242	9/8/2009	R-23i
09-3171	VOA	GELC	CAPA-09-12244	9/8/2009	R-23i
09-3171	VOA	GELC	CAPA-09-12245	9/8/2009	R-23i
09-3172	RAD	UMTL	CAPA-09-12244	9/8/2009	R-23i
09-3178	DIOX/FUR	ALTC	CAPA-09-12246	9/9/2009	R-23i
09-3179	HEXP	STSL	CAPA-09-12246	9/9/2009	R-23i
09-3180	GENINORG	GELC	CAPA-09-12246	9/9/2009	R-23i
09-3180	GENINORG	GELC	CAPA-09-12249	9/9/2009	R-23i
09-3180	HERB	GELC	CAPA-09-12246	9/9/2009	R-23i
09-3180	HEXP	GELC	CAPA-09-12246	9/9/2009	R-23i
09-3180	METALS	GELC	CAPA-09-12246	9/9/2009	R-23i
09-3180	METALS	GELC	CAPA-09-12249	9/9/2009	R-23i
09-3180	PEST/PCB	GELC	CAPA-09-12246	9/9/2009	R-23i
09-3180	RAD	GELC	CAPA-09-12246	9/9/2009	R-23i
09-3180	SVOA	GELC	CAPA-09-12246	9/9/2009	R-23i
09-3180	SVOA	GELC	CAPA-09-12247	9/9/2009	R-23i
09-3180	VOA	GELC	CAPA-09-12246	9/9/2009	R-23i
09-3180	VOA	GELC	CAPA-09-12247	9/9/2009	R-23i
09-3180	VOA	GELC	CAPA-09-12248	9/9/2009	R-23i
09-3181	HEXP	STSL	CAPA-09-12125	9/9/2009	18-MW-9
09-3181	HEXP	STSL	CAPA-09-12126	9/9/2009	18-MW-9
09-3182	GENINORG	GELC	CAPA-09-12125	9/9/2009	18-MW-9
09-3182	GENINORG	GELC	CAPA-09-12126	9/9/2009	18-MW-9
09-3182	HEXP	GELC	CAPA-09-12125	9/9/2009	18-MW-9
09-3182	HEXP	GELC	CAPA-09-12126	9/9/2009	18-MW-9
09-3182	SVOA	GELC	CAPA-09-12125	9/9/2009	18-MW-9
09-3182	SVOA	GELC	CAPA-09-12126	9/9/2009	18-MW-9
09-3182	SVOA	GELC	CAPA-09-12128	9/9/2009	18-MW-9
09-3182	VOA	GELC	CAPA-09-12124	9/9/2009	18-MW-9
09-3182	VOA	GELC	CAPA-09-12125	9/9/2009	18-MW-9

Request	Suite	Lab	Sample	Date	Location
09-3182	VOA	GELC	CAPA-09-12126	9/9/2009	18-MW-9
09-3182	VOA	GELC	CAPA-09-12128	9/9/2009	18-MW-9
09-3183	GENINORG	GELC	CAPA-09-12123	9/9/2009	18-MW-9
09-3183	GENINORG	GELC	CAPA-09-12125	9/9/2009	18-MW-9
09-3183	GENINORG	GELC	CAPA-09-12126	9/9/2009	18-MW-9
09-3183	GENINORG	GELC	CAPA-09-12127	9/9/2009	18-MW-9
09-3183	METALS	GELC	CAPA-09-12123	9/9/2009	18-MW-9
09-3183	METALS	GELC	CAPA-09-12125	9/9/2009	18-MW-9
09-3183	METALS	GELC	CAPA-09-12126	9/9/2009	18-MW-9
09-3183	METALS	GELC	CAPA-09-12127	9/9/2009	18-MW-9
09-3183	RAD	GELC	CAPA-09-12125	9/9/2009	18-MW-9
09-3183	RAD	GELC	CAPA-09-12126	9/9/2009	18-MW-9
09-3187	HEXP	STSL	CAPA-09-12225	9/10/2009	PCAO-8
09-3188	HEXP	GELC	CAPA-09-12225	9/10/2009	PCAO-8
09-3188	VOA	GELC	CAPA-09-12223	9/10/2009	PCAO-8
09-3188	VOA	GELC	CAPA-09-12225	9/10/2009	PCAO-8
09-3196	GENINORG	GELC	CAPA-09-12237	9/10/2009	R-23i
09-3196	GENINORG	GELC	CAPA-09-12239	9/10/2009	R-23i
09-3196	METALS	GELC	CAPA-09-12237	9/10/2009	R-23i
09-3196	METALS	GELC	CAPA-09-12239	9/10/2009	R-23i
09-3196	RAD	GELC	CAPA-09-12239	9/10/2009	R-23i
09-3198	HEXP	STSL	CAPA-09-12239	9/10/2009	R-23i
09-3200	HEXP	STSL	CAPA-09-12149	9/11/2009	03-B-13
09-3200	HEXP	STSL	CAPA-09-12153	9/11/2009	03-B-13
09-3201	GENINORG	GELC	CAPA-09-12149	9/11/2009	03-B-13
09-3201	GENINORG	GELC	CAPA-09-12153	9/11/2009	03-B-13
09-3201	HERB	GELC	CAPA-09-12149	9/11/2009	03-B-13
09-3201	HEXP	GELC	CAPA-09-12149	9/11/2009	03-B-13
09-3201	HEXP	GELC	CAPA-09-12153	9/11/2009	03-B-13
09-3201	PEST/PCB	GELC	CAPA-09-12149	9/11/2009	03-B-13
09-3201	SVOA	GELC	CAPA-09-12148	9/11/2009	03-B-13
09-3201	SVOA	GELC	CAPA-09-12149	9/11/2009	03-B-13
09-3201	SVOA	GELC	CAPA-09-12152	9/11/2009	03-B-13
09-3201	SVOA	GELC	CAPA-09-12153	9/11/2009	03-B-13
09-3201	VOA	GELC	CAPA-09-12148	9/11/2009	03-B-13
09-3201	VOA	GELC	CAPA-09-12149	9/11/2009	03-B-13
09-3201	VOA	GELC	CAPA-09-12150	9/11/2009	03-B-13
09-3201	VOA	GELC	CAPA-09-12152	9/11/2009	03-B-13
09-3201	VOA	GELC	CAPA-09-12153	9/11/2009	03-B-13
09-3202	GENINORG	GELC	CAPA-09-12149	9/11/2009	03-B-13
09-3202	GENINORG	GELC	CAPA-09-12151	9/11/2009	03-B-13

Request	Suite	Lab	Sample	Date	Location
09-3202	GENINORG	GELC	CAPA-09-12153	9/11/2009	03-B-13
09-3202	GENINORG	GELC	CAPA-09-12154	9/11/2009	03-B-13
09-3202	METALS	GELC	CAPA-09-12149	9/11/2009	03-B-13
09-3202	METALS	GELC	CAPA-09-12151	9/11/2009	03-B-13
09-3202	METALS	GELC	CAPA-09-12153	9/11/2009	03-B-13
09-3202	METALS	GELC	CAPA-09-12154	9/11/2009	03-B-13
09-3202	RAD	GELC	CAPA-09-12149	9/11/2009	03-B-13
09-3204	HEXP	STSL	CAPA-09-12163	9/11/2009	R-17
09-3204	HEXP	STSL	CAPA-09-12166	9/11/2009	R-17
09-3205	GENINORG	GELC	CAPA-09-12163	9/11/2009	R-17
09-3205	GENINORG	GELC	CAPA-09-12166	9/11/2009	R-17
09-3205	HERB	GELC	CAPA-09-12163	9/11/2009	R-17
09-3205	HERB	GELC	CAPA-09-12166	9/11/2009	R-17
09-3205	HEXP	GELC	CAPA-09-12163	9/11/2009	R-17
09-3205	HEXP	GELC	CAPA-09-12166	9/11/2009	R-17
09-3205	PEST/PCB	GELC	CAPA-09-12163	9/11/2009	R-17
09-3205	PEST/PCB	GELC	CAPA-09-12166	9/11/2009	R-17
09-3205	SVOA	GELC	CAPA-09-12160	9/11/2009	R-17
09-3205	SVOA	GELC	CAPA-09-12163	9/11/2009	R-17
09-3205	SVOA	GELC	CAPA-09-12165	9/11/2009	R-17
09-3205	SVOA	GELC	CAPA-09-12166	9/11/2009	R-17
09-3205	VOA	GELC	CAPA-09-12160	9/11/2009	R-17
09-3205	VOA	GELC	CAPA-09-12161	9/11/2009	R-17
09-3205	VOA	GELC	CAPA-09-12163	9/11/2009	R-17
09-3205	VOA	GELC	CAPA-09-12165	9/11/2009	R-17
09-3205	VOA	GELC	CAPA-09-12166	9/11/2009	R-17
09-3205	VOA	GELC	CAPA-09-12167	9/11/2009	R-17
09-3206	GENINORG	GELC	CAPA-09-12162	9/11/2009	R-17
09-3206	GENINORG	GELC	CAPA-09-12163	9/11/2009	R-17
09-3206	GENINORG	GELC	CAPA-09-12164	9/11/2009	R-17
09-3206	GENINORG	GELC	CAPA-09-12166	9/11/2009	R-17
09-3206	METALS	GELC	CAPA-09-12162	9/11/2009	R-17
09-3206	METALS	GELC	CAPA-09-12163	9/11/2009	R-17
09-3206	METALS	GELC	CAPA-09-12164	9/11/2009	R-17
09-3206	METALS	GELC	CAPA-09-12166	9/11/2009	R-17
09-3206	RAD	GELC	CAPA-09-12163	9/11/2009	R-17
09-3206	RAD	GELC	CAPA-09-12166	9/11/2009	R-17
09-3208	HEXP	STSL	CAPA-09-12155	9/10/2009	R-19
09-3209	GENINORG	GELC	CAPA-09-12155	9/10/2009	R-19
09-3209	HERB	GELC	CAPA-09-12155	9/10/2009	R-19
09-3209	HEXP	GELC	CAPA-09-12155	9/10/2009	R-19

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09-3209	PEST/PCB	GELC	CAPA-09-12155	9/10/2009	R-19
09-3209	SVOA	GELC	CAPA-09-12155	9/10/2009	R-19
09-3209	SVOA	GELC	CAPA-09-12159	9/10/2009	R-19
09-3209	VOA	GELC	CAPA-09-12155	9/10/2009	R-19
09-3209	VOA	GELC	CAPA-09-12157	9/10/2009	R-19
09-3209	VOA	GELC	CAPA-09-12158	9/10/2009	R-19
09-3209	VOA	GELC	CAPA-09-12159	9/10/2009	R-19
09-3210	GENINORG	GELC	CAPA-09-12155	9/10/2009	R-19
09-3210	GENINORG	GELC	CAPA-09-12156	9/10/2009	R-19
09-3210	METALS	GELC	CAPA-09-12155	9/10/2009	R-19
09-3210	METALS	GELC	CAPA-09-12156	9/10/2009	R-19
09-3210	RAD	GELC	CAPA-09-12155	9/10/2009	R-19
09-3212	DIOX/FUR	ALTC	CAPA-09-12238	9/10/2009	R-23i
09-3212	DIOX/FUR	ALTC	CAPA-09-12239	9/10/2009	R-23i
09-3214	HEXP	STSL	CAPA-09-12168	9/14/2009	R-18
09-3214	HEXP	STSL	CAPA-09-12172	9/14/2009	R-18
09-3215	GENINORG	GELC	CAPA-09-12168	9/14/2009	R-18
09-3215	GENINORG	GELC	CAPA-09-12172	9/14/2009	R-18
09-3215	HERB	GELC	CAPA-09-12168	9/14/2009	R-18
09-3215	HEXP	GELC	CAPA-09-12168	9/14/2009	R-18
09-3215	HEXP	GELC	CAPA-09-12172	9/14/2009	R-18
09-3215	PEST/PCB	GELC	CAPA-09-12168	9/14/2009	R-18
09-3215	PEST/PCB	GELC	CAPA-09-12172	9/14/2009	R-18
09-3215	SVOA	GELC	CAPA-09-12168	9/14/2009	R-18
09-3215	SVOA	GELC	CAPA-09-12172	9/14/2009	R-18
09-3215	VOA	GELC	CAPA-09-12168	9/14/2009	R-18
09-3215	VOA	GELC	CAPA-09-12169	9/14/2009	R-18
09-3215	VOA	GELC	CAPA-09-12171	9/14/2009	R-18
09-3215	VOA	GELC	CAPA-09-12172	9/14/2009	R-18
09-3216	GENINORG	GELC	CAPA-09-12168	9/14/2009	R-18
09-3216	GENINORG	GELC	CAPA-09-12170	9/14/2009	R-18
09-3216	GENINORG	GELC	CAPA-09-12172	9/14/2009	R-18
09-3216	GENINORG	GELC	CAPA-09-12173	9/14/2009	R-18
09-3216	METALS	GELC	CAPA-09-12168	9/14/2009	R-18
09-3216	METALS	GELC	CAPA-09-12170	9/14/2009	R-18
09-3216	METALS	GELC	CAPA-09-12172	9/14/2009	R-18
09-3216	METALS	GELC	CAPA-09-12173	9/14/2009	R-18
09-3216	RAD	GELC	CAPA-09-12168	9/14/2009	R-18
09-3216	RAD	GELC	CAPA-09-12172	9/14/2009	R-18
09-3217	HEXP	STSL	CAPA-09-13191	9/14/2009	03-B-10
09-3218	GENINORG	GELC	CAPA-09-13191	9/14/2009	03-B-10

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09-3218	HERB	GELC	CAPA-09-13191	9/14/2009	03-B-10
09-3218	HEXP	GELC	CAPA-09-13191	9/14/2009	03-B-10
09-3218	PEST/PCB	GELC	CAPA-09-13191	9/14/2009	03-B-10
09-3218	SVOA	GELC	CAPA-09-13191	9/14/2009	03-B-10
09-3218	SVOA	GELC	CAPA-09-13195	9/14/2009	03-B-10
09-3218	VOA	GELC	CAPA-09-13191	9/14/2009	03-B-10
09-3218	VOA	GELC	CAPA-09-13192	9/14/2009	03-B-10
09-3218	VOA	GELC	CAPA-09-13195	9/14/2009	03-B-10
09-3219	GENINORG	GELC	CAPA-09-13191	9/14/2009	03-B-10
09-3219	GENINORG	GELC	CAPA-09-13196	9/14/2009	03-B-10
09-3219	METALS	GELC	CAPA-09-13191	9/14/2009	03-B-10
09-3219	METALS	GELC	CAPA-09-13196	9/14/2009	03-B-10
09-3219	RAD	GELC	CAPA-09-13191	9/14/2009	03-B-10
09-3221	DIOX/FUR	ALTC	CAPA-09-12220	9/14/2009	PCAO-7c
09-3222	HEXP	STSL	CAPA-09-12220	9/14/2009	PCAO-7c
09-3223	GENINORG	GELC	CAPA-09-12220	9/14/2009	PCAO-7c
09-3223	HERB	GELC	CAPA-09-12220	9/14/2009	PCAO-7c
09-3223	HEXP	GELC	CAPA-09-12220	9/14/2009	PCAO-7c
09-3223	PEST/PCB	GELC	CAPA-09-12220	9/14/2009	PCAO-7c
09-3223	SVOA	GELC	CAPA-09-12220	9/14/2009	PCAO-7c
09-3223	SVOA	GELC	CAPA-09-12221	9/14/2009	PCAO-7c
09-3223	VOA	GELC	CAPA-09-12218	9/14/2009	PCAO-7c
09-3223	VOA	GELC	CAPA-09-12220	9/14/2009	PCAO-7c
09-3223	VOA	GELC	CAPA-09-12221	9/14/2009	PCAO-7c
09-3224	GENINORG	GELC	CAPA-09-12219	9/14/2009	PCAO-7c
09-3224	GENINORG	GELC	CAPA-09-12220	9/14/2009	PCAO-7c
09-3224	METALS	GELC	CAPA-09-12219	9/14/2009	PCAO-7c
09-3224	METALS	GELC	CAPA-09-12220	9/14/2009	PCAO-7c
09-3224	RAD	GELC	CAPA-09-12220	9/14/2009	PCAO-7c
09-3234	HEXP	STSL	CAPA-09-12075	9/15/2009	Pajarito below confluences of South and North Anchor East Basin
09-3234	HEXP	STSL	CAPA-09-12107	9/15/2009	Kieling Spring
09-3234	HEXP	STSL	CAPA-09-12112	9/15/2009	Bulldog Spring
09-3235	GENINORG	GELC	CAPA-09-12075	9/15/2009	Pajarito below confluences of South and North Anchor East Basin
09-3235	GENINORG	GELC	CAPA-09-12107	9/15/2009	Kieling Spring
09-3235	GENINORG	GELC	CAPA-09-12112	9/15/2009	Bulldog Spring
09-3235	HEXP	GELC	CAPA-09-12075	9/15/2009	Pajarito below confluences of South and North Anchor East Basin
09-3235	HEXP	GELC	CAPA-09-12107	9/15/2009	Kieling Spring
09-3235	HEXP	GELC	CAPA-09-12112	9/15/2009	Bulldog Spring

Request	Suite	Lab	Sample	Date	Location
09-3235	SVOA	GELC	CAPA-09-12075	9/15/2009	Pajarito below confluences of South and North Anchor East Basin
09-3235	SVOA	GELC	CAPA-09-12107	9/15/2009	Kieling Spring
09-3235	SVOA	GELC	CAPA-09-12112	9/15/2009	Bulldog Spring
09-3235	VOA	GELC	CAPA-09-12075	9/15/2009	Pajarito below confluences of South and North Anchor East Basin
09-3235	VOA	GELC	CAPA-09-12076	9/15/2009	Pajarito below confluences of South and North Anchor East Basin
09-3235	VOA	GELC	CAPA-09-12105	9/15/2009	Kieling Spring
09-3235	VOA	GELC	CAPA-09-12107	9/15/2009	Kieling Spring
09-3235	VOA	GELC	CAPA-09-12112	9/15/2009	Bulldog Spring
09-3235	VOA	GELC	CAPA-09-12113	9/15/2009	Bulldog Spring
09-3236	GENINORG	GELC	CAPA-09-12074	9/15/2009	Pajarito below confluences of South and North Anchor East Basin
09-3236	GENINORG	GELC	CAPA-09-12075	9/15/2009	Pajarito below confluences of South and North Anchor East Basin
09-3236	GENINORG	GELC	CAPA-09-12106	9/15/2009	Kieling Spring
09-3236	GENINORG	GELC	CAPA-09-12107	9/15/2009	Kieling Spring
09-3236	GENINORG	GELC	CAPA-09-12111	9/15/2009	Bulldog Spring
09-3236	GENINORG	GELC	CAPA-09-12112	9/15/2009	Bulldog Spring
09-3236	METALS	GELC	CAPA-09-12074	9/15/2009	Pajarito below confluences of South and North Anchor East Basin
09-3236	METALS	GELC	CAPA-09-12075	9/15/2009	Pajarito below confluences of South and North Anchor East Basin
09-3236	METALS	GELC	CAPA-09-12106	9/15/2009	Kieling Spring
09-3236	METALS	GELC	CAPA-09-12107	9/15/2009	Kieling Spring
09-3236	METALS	GELC	CAPA-09-12111	9/15/2009	Bulldog Spring
09-3236	METALS	GELC	CAPA-09-12112	9/15/2009	Bulldog Spring
09-3236	RAD	GELC	CAPA-09-12075	9/15/2009	Pajarito below confluences of South and North Anchor East Basin
09-3236	RAD	GELC	CAPA-09-12107	9/15/2009	Kieling Spring
09-3236	RAD	GELC	CAPA-09-12112	9/15/2009	Bulldog Spring
09-3240	GENINORG	GELC	CAPA-09-12194	9/15/2009	PCAO-7b2
09-3240	GENINORG	GELC	CAPA-09-12196	9/15/2009	PCAO-7b2
09-3240	HEXP	GELC	CAPA-09-12194	9/15/2009	PCAO-7b2
09-3240	METALS	GELC	CAPA-09-12194	9/15/2009	PCAO-7b2
09-3240	METALS	GELC	CAPA-09-12196	9/15/2009	PCAO-7b2
09-3240	SVOA	GELC	CAPA-09-12197	9/14/2009	PCAO-7b2
09-3240	VOA	GELC	CAPA-09-12194	9/15/2009	PCAO-7b2
09-3240	VOA	GELC	CAPA-09-12195	9/15/2009	PCAO-7b2
09-3240	VOA	GELC	CAPA-09-12197	9/14/2009	PCAO-7b2
09-3244	HEXP	STSL	CAPA-09-12103	9/15/2009	Anderson Spring
09-3245	GENINORG	GELC	CAPA-09-12102	9/15/2009	Anderson Spring

Request	Suite	Lab	Sample	Date	Location
09-3245	GENINORG	GELC	CAPA-09-12103	9/15/2009	Anderson Spring
09-3245	HEXP	GELC	CAPA-09-12103	9/15/2009	Anderson Spring
09-3245	METALS	GELC	CAPA-09-12102	9/15/2009	Anderson Spring
09-3245	METALS	GELC	CAPA-09-12103	9/15/2009	Anderson Spring
09-3245	RAD	GELC	CAPA-09-12103	9/15/2009	Anderson Spring
09-3245	SVOA	GELC	CAPA-09-12103	9/15/2009	Anderson Spring
09-3245	VOA	GELC	CAPA-09-12103	9/15/2009	Anderson Spring
09-3245	VOA	GELC	CAPA-09-12104	9/15/2009	Anderson Spring
09-3246	RAD	UMTL	CAPA-09-12103	9/15/2009	Anderson Spring
09-3246	RAD	UMTL	CAPA-09-12107	9/15/2009	Kieling Spring
09-3246	RAD	UMTL	CAPA-09-12112	9/15/2009	Bulldog Spring
09-3246	RAD	UMTL	CAPA-09-12125	9/9/2009	18-MW-9
09-3246	RAD	UMTL	CAPA-09-12126	9/9/2009	18-MW-9
09-3246	RAD	UMTL	CAPA-09-12149	9/11/2009	03-B-13
09-3246	RAD	UMTL	CAPA-09-12153	9/11/2009	03-B-13
09-3246	RAD	UMTL	CAPA-09-12155	9/10/2009	R-19
09-3246	RAD	UMTL	CAPA-09-12163	9/11/2009	R-17
09-3246	RAD	UMTL	CAPA-09-12166	9/11/2009	R-17
09-3246	RAD	UMTL	CAPA-09-12168	9/14/2009	R-18
09-3246	RAD	UMTL	CAPA-09-12172	9/14/2009	R-18
09-3246	RAD	UMTL	CAPA-09-12220	9/14/2009	PCAO-7c
09-3246	RAD	UMTL	CAPA-09-12239	9/10/2009	R-23i
09-3246	RAD	UMTL	CAPA-09-12246	9/9/2009	R-23i
09-3246	RAD	UMTL	CAPA-09-13191	9/14/2009	03-B-10
09-3255	HEXP	STSL	CAPA-09-12175	9/14/2009	R-19
09-3256	GENINORG	GELC	CAPA-09-12175	9/14/2009	R-19
09-3256	HERB	GELC	CAPA-09-12175	9/14/2009	R-19
09-3256	HEXP	GELC	CAPA-09-12175	9/14/2009	R-19
09-3256	PEST/PCB	GELC	CAPA-09-12175	9/14/2009	R-19
09-3256	SVOA	GELC	CAPA-09-12174	9/14/2009	R-19
09-3256	SVOA	GELC	CAPA-09-12175	9/14/2009	R-19
09-3256	VOA	GELC	CAPA-09-12174	9/14/2009	R-19
09-3256	VOA	GELC	CAPA-09-12175	9/14/2009	R-19
09-3256	VOA	GELC	CAPA-09-12176	9/14/2009	R-19
09-3256	VOA	GELC	CAPA-09-12178	9/14/2009	R-19
09-3257	GENINORG	GELC	CAPA-09-12175	9/14/2009	R-19
09-3257	GENINORG	GELC	CAPA-09-12177	9/14/2009	R-19
09-3257	METALS	GELC	CAPA-09-12175	9/14/2009	R-19
09-3257	METALS	GELC	CAPA-09-12177	9/14/2009	R-19
09-3257	RAD	GELC	CAPA-09-12175	9/14/2009	R-19
09-3258	RAD	UMTL	CAPA-09-12175	9/14/2009	R-19

Request	Suite	Lab	Sample	Date	Location
09-3266	HEXP	STSL	CAPA-09-12094	9/16/2009	Homestead Spring
09-3266	HEXP	STSL	CAPA-09-12097	9/16/2009	Homestead Spring
09-3266	HEXP	STSL	CAPA-09-12100	9/16/2009	Starmer Spring
09-3266	HEXP	STSL	CAPA-09-12110	9/16/2009	Charlie's Spring
09-3266	HEXP	STSL	CAPA-09-12114	9/16/2009	TW-1.72 Spring
09-3267	GENINORG	GELC	CAPA-09-12094	9/16/2009	Homestead Spring
09-3267	GENINORG	GELC	CAPA-09-12097	9/16/2009	Homestead Spring
09-3267	GENINORG	GELC	CAPA-09-12100	9/16/2009	Starmer Spring
09-3267	GENINORG	GELC	CAPA-09-12110	9/16/2009	Charlie's Spring
09-3267	GENINORG	GELC	CAPA-09-12114	9/16/2009	TW-1.72 Spring
09-3267	HEXP	GELC	CAPA-09-12094	9/16/2009	Homestead Spring
09-3267	HEXP	GELC	CAPA-09-12097	9/16/2009	Homestead Spring
09-3267	HEXP	GELC	CAPA-09-12100	9/16/2009	Starmer Spring
09-3267	HEXP	GELC	CAPA-09-12110	9/16/2009	Charlie's Spring
09-3267	HEXP	GELC	CAPA-09-12114	9/16/2009	TW-1.72 Spring
09-3267	SVOA	GELC	CAPA-09-12094	9/16/2009	Homestead Spring
09-3267	SVOA	GELC	CAPA-09-12096	9/16/2009	Homestead Spring
09-3267	SVOA	GELC	CAPA-09-12097	9/16/2009	Homestead Spring
09-3267	SVOA	GELC	CAPA-09-12100	9/16/2009	Starmer Spring
09-3267	SVOA	GELC	CAPA-09-12110	9/16/2009	Charlie's Spring
09-3267	SVOA	GELC	CAPA-09-12114	9/16/2009	TW-1.72 Spring
09-3267	VOA	GELC	CAPA-09-12093	9/16/2009	Homestead Spring
09-3267	VOA	GELC	CAPA-09-12094	9/16/2009	Homestead Spring
09-3267	VOA	GELC	CAPA-09-12096	9/16/2009	Homestead Spring
09-3267	VOA	GELC	CAPA-09-12097	9/16/2009	Homestead Spring
09-3267	VOA	GELC	CAPA-09-12099	9/16/2009	Starmer Spring
09-3267	VOA	GELC	CAPA-09-12100	9/16/2009	Starmer Spring
09-3267	VOA	GELC	CAPA-09-12108	9/16/2009	Charlie's Spring
09-3267	VOA	GELC	CAPA-09-12110	9/16/2009	Charlie's Spring
09-3267	VOA	GELC	CAPA-09-12114	9/16/2009	TW-1.72 Spring
09-3267	VOA	GELC	CAPA-09-12116	9/16/2009	TW-1.72 Spring
09-3268	GENINORG	GELC	CAPA-09-12094	9/16/2009	Homestead Spring
09-3268	GENINORG	GELC	CAPA-09-12095	9/16/2009	Homestead Spring
09-3268	GENINORG	GELC	CAPA-09-12097	9/16/2009	Homestead Spring
09-3268	GENINORG	GELC	CAPA-09-12098	9/16/2009	Homestead Spring
09-3268	GENINORG	GELC	CAPA-09-12100	9/16/2009	Starmer Spring
09-3268	GENINORG	GELC	CAPA-09-12101	9/16/2009	Starmer Spring
09-3268	GENINORG	GELC	CAPA-09-12109	9/16/2009	Charlie's Spring
09-3268	GENINORG	GELC	CAPA-09-12110	9/16/2009	Charlie's Spring
09-3268	GENINORG	GELC	CAPA-09-12114	9/16/2009	TW-1.72 Spring
09-3268	GENINORG	GELC	CAPA-09-12115	9/16/2009	TW-1.72 Spring

Request	Suite	Lab	Sample	Date	Location
09-3268	METALS	GELC	CAPA-09-12094	9/16/2009	Homestead Spring
09-3268	METALS	GELC	CAPA-09-12095	9/16/2009	Homestead Spring
09-3268	METALS	GELC	CAPA-09-12097	9/16/2009	Homestead Spring
09-3268	METALS	GELC	CAPA-09-12098	9/16/2009	Homestead Spring
09-3268	METALS	GELC	CAPA-09-12100	9/16/2009	Starmer Spring
09-3268	METALS	GELC	CAPA-09-12101	9/16/2009	Starmer Spring
09-3268	METALS	GELC	CAPA-09-12109	9/16/2009	Charlie's Spring
09-3268	METALS	GELC	CAPA-09-12110	9/16/2009	Charlie's Spring
09-3268	METALS	GELC	CAPA-09-12114	9/16/2009	TW-1.72 Spring
09-3268	METALS	GELC	CAPA-09-12115	9/16/2009	TW-1.72 Spring
09-3269	RAD	GELC	CAPA-09-12094	9/16/2009	Homestead Spring
09-3269	RAD	GELC	CAPA-09-12097	9/16/2009	Homestead Spring
09-3269	RAD	GELC	CAPA-09-12100	9/16/2009	Starmer Spring
09-3269	RAD	GELC	CAPA-09-12110	9/16/2009	Charlie's Spring
09-3269	RAD	GELC	CAPA-09-12114	9/16/2009	TW-1.72 Spring
09-3270	GENINORG	GELC	CAPA-09-12175	9/14/2009	R-19
09-3275	HEXP	STSL	CAPA-09-12078	9/17/2009	Two Mile Canyon below TA-59
09-3275	HEXP	STSL	CAPA-09-12214	9/17/2009	PCAO-7a
09-3276	GENINORG	GELC	CAPA-09-12078	9/17/2009	Two Mile Canyon below TA-59
09-3276	GENINORG	GELC	CAPA-09-12214	9/17/2009	PCAO-7a
09-3276	HERB	GELC	CAPA-09-12214	9/17/2009	PCAO-7a
09-3276	HEXP	GELC	CAPA-09-12078	9/17/2009	Two Mile Canyon below TA-59
09-3276	HEXP	GELC	CAPA-09-12214	9/17/2009	PCAO-7a
09-3276	PEST/PCB	GELC	CAPA-09-12214	9/17/2009	PCAO-7a
09-3276	SVOA	GELC	CAPA-09-12078	9/17/2009	Two Mile Canyon below TA-59
09-3276	SVOA	GELC	CAPA-09-12214	9/17/2009	PCAO-7a
09-3276	SVOA	GELC	CAPA-09-12215	9/17/2009	PCAO-7a
09-3276	VOA	GELC	CAPA-09-12078	9/17/2009	Two Mile Canyon below TA-59
09-3276	VOA	GELC	CAPA-09-12079	9/17/2009	Two Mile Canyon below TA-59
09-3276	VOA	GELC	CAPA-09-12214	9/17/2009	PCAO-7a
09-3276	VOA	GELC	CAPA-09-12215	9/17/2009	PCAO-7a
09-3276	VOA	GELC	CAPA-09-12217	9/17/2009	PCAO-7a
09-3277	DIOX/FUR	ALTC	CAPA-09-12214	9/17/2009	PCAO-7a
09-3278	GENINORG	GELC	CAPA-09-12077	9/17/2009	Two Mile Canyon below TA-59
09-3278	GENINORG	GELC	CAPA-09-12078	9/17/2009	Two Mile Canyon below TA-59
09-3278	GENINORG	GELC	CAPA-09-12214	9/17/2009	PCAO-7a
09-3278	GENINORG	GELC	CAPA-09-12216	9/17/2009	PCAO-7a
09-3278	METALS	GELC	CAPA-09-12077	9/17/2009	Two Mile Canyon below TA-59
09-3278	METALS	GELC	CAPA-09-12078	9/17/2009	Two Mile Canyon below TA-59
09-3278	METALS	GELC	CAPA-09-12214	9/17/2009	PCAO-7a
09-3278	METALS	GELC	CAPA-09-12216	9/17/2009	PCAO-7a

Request	Suite	Lab	Sample	Date	Location
09-3278	RAD	GELC	CAPA-09-12078	9/17/2009	Two Mile Canyon below TA-59
09-3278	RAD	GELC	CAPA-09-12214	9/17/2009	PCAO-7a
09-3280	HEXP	STSL	CAPA-09-12090	9/17/2009	PC Spring
09-3281	GENINORG	GELC	CAPA-09-12090	9/17/2009	PC Spring
09-3281	GENINORG	GELC	CAPA-09-12091	9/17/2009	PC Spring
09-3281	HEXP	GELC	CAPA-09-12090	9/17/2009	PC Spring
09-3281	METALS	GELC	CAPA-09-12090	9/17/2009	PC Spring
09-3281	METALS	GELC	CAPA-09-12091	9/17/2009	PC Spring
09-3281	RAD	GELC	CAPA-09-12090	9/17/2009	PC Spring
09-3281	SVOA	GELC	CAPA-09-12090	9/17/2009	PC Spring
09-3281	VOA	GELC	CAPA-09-12089	9/17/2009	PC Spring
09-3281	VOA	GELC	CAPA-09-12090	9/17/2009	PC Spring
09-3284	HEXP	GELC	CAPA-09-12067	9/17/2009	Pajarito 0.5 mi above SR-501
09-3284	HEXP	GELC	CAPA-09-12071	9/17/2009	Pajarito 0.5 mi above SR-501
09-3284	HEXP	GELC	CAPA-09-12073	9/17/2009	Pajarito 0.5 mi above SR-501
09-3284	PEST/PCB	GELC	CAPA-09-12071	9/17/2009	Pajarito 0.5 mi above SR-501
09-3284	SVOA	GELC	CAPA-09-12067	9/17/2009	Pajarito 0.5 mi above SR-501
09-3284	SVOA	GELC	CAPA-09-12070	9/17/2009	Pajarito 0.5 mi above SR-501
09-3284	SVOA	GELC	CAPA-09-12071	9/17/2009	Pajarito 0.5 mi above SR-501
09-3284	SVOA	GELC	CAPA-09-12073	9/17/2009	Pajarito 0.5 mi above SR-501
09-3284	VOA	GELC	CAPA-09-12067	9/17/2009	Pajarito 0.5 mi above SR-501
09-3284	VOA	GELC	CAPA-09-12069	9/17/2009	Pajarito 0.5 mi above SR-501
09-3284	VOA	GELC	CAPA-09-12070	9/17/2009	Pajarito 0.5 mi above SR-501
09-3284	VOA	GELC	CAPA-09-12071	9/17/2009	Pajarito 0.5 mi above SR-501
09-3284	VOA	GELC	CAPA-09-12073	9/17/2009	Pajarito 0.5 mi above SR-501
09-3285	GENINORG	GELC	CAPA-09-12067	9/17/2009	Pajarito 0.5 mi above SR-501
09-3285	GENINORG	GELC	CAPA-09-12068	9/17/2009	Pajarito 0.5 mi above SR-501
09-3285	GENINORG	GELC	CAPA-09-12071	9/17/2009	Pajarito 0.5 mi above SR-501
09-3285	GENINORG	GELC	CAPA-09-12072	9/17/2009	Pajarito 0.5 mi above SR-501
09-3285	GENINORG	GELC	CAPA-09-12073	9/17/2009	Pajarito 0.5 mi above SR-501
09-3285	METALS	GELC	CAPA-09-12067	9/17/2009	Pajarito 0.5 mi above SR-501
09-3285	METALS	GELC	CAPA-09-12068	9/17/2009	Pajarito 0.5 mi above SR-501
09-3285	METALS	GELC	CAPA-09-12071	9/17/2009	Pajarito 0.5 mi above SR-501
09-3285	METALS	GELC	CAPA-09-12072	9/17/2009	Pajarito 0.5 mi above SR-501
09-3285	METALS	GELC	CAPA-09-12073	9/17/2009	Pajarito 0.5 mi above SR-501
09-3285	RAD	GELC	CAPA-09-12067	9/17/2009	Pajarito 0.5 mi above SR-501
09-3285	RAD	GELC	CAPA-09-12071	9/17/2009	Pajarito 0.5 mi above SR-501
09-3285	RAD	GELC	CAPA-09-12073	9/17/2009	Pajarito 0.5 mi above SR-501
09-3286	HEXP	STSL	CAPA-09-12067	9/17/2009	Pajarito 0.5 mi above SR-501
09-3286	HEXP	STSL	CAPA-09-12071	9/17/2009	Pajarito 0.5 mi above SR-501
09-3286	HEXP	STSL	CAPA-09-12073	9/17/2009	Pajarito 0.5 mi above SR-501

Request	Suite	Lab	Sample	Date	Location
09-3293	DIOX/FUR	ALTC	CAPA-09-12071	9/17/2009	Pajarito 0.5 mi above SR-501
09-3298	HEXP	STSL	CAPA-09-12181	9/16/2009	R-19
09-3321	RAD	UMTL	CAPA-09-12071	9/17/2009	Pajarito 0.5 mi above SR-501
09-3321	RAD	UMTL	CAPA-09-12090	9/17/2009	PC Spring
09-3321	RAD	UMTL	CAPA-09-12094	9/16/2009	Homestead Spring
09-3321	RAD	UMTL	CAPA-09-12097	9/16/2009	Homestead Spring
09-3321	RAD	UMTL	CAPA-09-12100	9/16/2009	Starmer Spring
09-3321	RAD	UMTL	CAPA-09-12110	9/16/2009	Charlie's Spring
09-3321	RAD	UMTL	CAPA-09-12114	9/16/2009	TW-1.72 Spring
09-3321	RAD	UMTL	CAPA-09-12181	9/16/2009	R-19
09-3321	RAD	UMTL	CAPA-09-12214	9/17/2009	PCAO-7a

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.