

Evaluation of Groundwater Constituents and Seasonal Variation at the Riverton, Wyoming, Processing Site

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Executive Summary

Historical groundwater monitoring at the Riverton site included collecting samples for a variety of analyses, including general water quality, inorganics, metals, and radionuclides. Evaluations of these constituents were conducted and presented in past documents, which resulted in four constituents of concern (COCs). This paper presents a reevaluation of 47 constituents using screening criteria that included percentage of detections, comparison to background concentrations, comparison to dietary ranges, and comparison to standards or benchmarks. This reevaluation resulted in seven constituents (in addition to the COCs) that were retained after applying the screening criteria and require additional evaluation via risk assessment or additional sampling. These constituents are antimony, boron, bromide, nickel, selenium, strontium, and tin.

Groundwater sampling at the Riverton site has been conducted on a variable schedule ranging from quarterly to annually. Recent sampling has been conducted on a semiannual basis, with one event in June when water levels are typically higher, and one event in the fall when water levels are typically lower. Data from these sampling events were assessed using the nonparametric Wilcoxon Signed-Rank Test to determine if the data vary seasonally. Results of the statistical test indicate that there is some constituent-specific seasonal variation in groundwater, with the highest concentrations typically occurring in samples collected during the June sampling event. Results also show seasonal variation in all constituent concentrations in the surface water, with the highest concentrations occurring in samples collected during the fall sampling. Limited data exist to assess results from the winter, early spring, and late summer portions of the year, and additional sampling in these quarters is recommended to ensure that the highest-concentration times of year are captured in the monitoring approach.

1.0 Purpose

The purpose of this white paper is to (1) evaluate the groundwater constituents that have been measured historically at the Riverton, Wyoming, Site to make recommendations for each constituent for future monitoring; and (2) provide an analysis of the current and historical sampling frequencies conducted at the site, assess seasonal variations in the data, and make recommendations for the timing of future monitoring.

2.0 Groundwater Constituents

2.1 Background

This section reevaluates 47 constituents that have been monitored since 1985 at the Riverton site to determine if they should be included in the long-term monitoring program. These constituents were initially evaluated in the *Baseline Risk Assessment of Ground Water Contamination at the Uranium Mill Tailings Site near Riverton, Wyoming* (BLRA) (DOE 1995), in which the list was screened to eliminate constituents based on comparison to background, toxicity, and dietary

ranges. This evaluation resulted in a list of 10 constituents of potential concern. These constituents were further evaluated in the *Environmental Assessment of Ground Water Compliance at the Riverton, Wyoming, Uranium Mill Tailings Site* (EA) (DOE 1998a), in which they were screened on the basis of detection limits, comparison to maximum concentration limits (MCLs) established in Title 40 *Code of Federal Regulations* Part 192, and risk. These assessments resulted in the final list of constituents of concern (COCs)—manganese, molybdenum, sulfate, and uranium—which were specified in the EA and identified in the U.S. Nuclear Regulatory Commission (NRC) approved *Final Ground Water Compliance Action Plan for the Riverton, Wyoming, Title I UMTRA Project Site* (DOE 1998b) (GCAP). Although these constituents have been evaluated in the past, and the COCs have regulatory approval, the U.S. Department of Energy (DOE) is committed to reevaluating monitoring programs when site conditions change, as analysis of new data warrants, or as stakeholders express concerns.

At a meeting held in October 2010 among representatives from DOE, the Wind River Environmental Quality Commission (WREQC), the U.S. Environmental Protection Agency (EPA), and the U.S. Geological Survey (USGS), all parties agreed that a new risk assessment should be conducted at the Riverton site. This Supplemental Risk Assessment will be a tool to assess current risks to human health and the environment using the existing, extensive data set compiled over the last 16 years since the BLRA was issued. This assessment will examine potential exposure pathways based on an updated and refined site conceptual model using data from all the impacted media (soil, sediment, biota, vegetation, surface water, and groundwater). The updated study will be a standalone assessment that uses the latest benchmarks, equations, and methodologies. As discussed in the following section, this Supplemental Risk Assessment will be an important tool in the evaluation of constituents at the Riverton site.

2.2 Methodology

Methodology for this evaluation follows the logic and flow chart displayed in Figure 1. This methodology represents a conservative approach for excluding constituents from the long-term monitoring program because the data set uses only data from monitoring wells within the contaminant plumes (monitoring wells where the molybdenum and uranium MCL was exceeded). In addition, this methodology conservatively assumes that the 47 constituents evaluated could be site-related. In a typical assessment, the first step would be to screen out constituents that were not a component of the ore or milling process; however, to be consistent with the list of constituents monitored in the past and with the list of constituents evaluated in the BLRA, all 47 constituents were evaluated. Detailed explanations of each step in the flow chart are provided below.

Step 1: Summary statistics were compiled and are displayed in Table 1. Data summarized in Table 1 and detailed in Appendix A were obtained from DOE's SEEPro database and will form the basis for discussion in the following Section. Table 1 displays summary data from monitoring wells 0707, 0716, 0718, 0722, 0722R, which are located within contaminant plumes on and downgradient of the former mill site. These wells were chosen because they best represent the site-related plume, and they have a long sampling history for numerous constituents. For example, monitoring well 0707 has been sampled since 1987 for 47 constituents and has had the highest measured concentrations of manganese, molybdenum, and uranium of any well at the Riverton site. Table 1 also displays summary data from background monitoring wells 0710 through 0715. These wells are considered upgradient of the

former mill site based on groundwater elevation data collected over the last 16 years since the BLRA was issued, and they show a consistent groundwater flow direction (DOE 2011).

Step 2: Data were evaluated to determine if a constituent was detected in enough samples to warrant further evaluation. The decision to move on to Step 3 rather than exclude the constituent from long-term monitoring was based on the following criterion. If a constituent was detected in greater than 10 percent of the samples (or undetected in ≤ 90 percent of samples), evaluation of the constituent proceeded to Step 3. If this criterion was not met, the constituent was excluded from long-term monitoring.

Step 3: Data were evaluated to determine if a constituent exceeded background. The mean concentration of a constituent in plume monitoring wells was compared to the maximum concentration observed in background monitoring wells. If the maximum background concentration was exceeded, evaluation of the constituent proceeded to Step 4. If this criterion was not met, the constituent was excluded from long-term monitoring.

Step 4: For constituents that are considered to be essential nutrients, data were evaluated to determine if a constituent exceeded a dietary range. The high end of the dietary ranges listed in Appendix A of the *Final Programmatic Environmental Impact Statement of the Uranium Mill Tailings Remedial Action Ground Water Project* (DOE 1996) were used to develop the benchmark (Table 1), which was based on consumption of 2 liters of water per day. If the mean concentration of a constituent in plume monitoring wells exceeded the dietary benchmark, evaluation of the constituent proceeded to Step 5. If this criterion was not met, the constituent was excluded from long-term monitoring.

Step 5: Data were evaluated to determine if a constituent exceeded a standard or risk-based benchmark. If the maximum concentration of a constituent in plume monitoring wells exceeded a standard or benchmark, evaluation of the constituent proceeded to Step 6. If this criterion was not met, the constituent was excluded from long-term monitoring.

Step 6: Data were evaluated against recent data collected by WREQC in June of 2011. The June 2011 sampling event by WREQC is the only recent sampling event in which analyses were conducted for a wide range of constituents. DOE groundwater monitoring in recent years has focused on the regulator-approved COCs, so there is no recent DOE data for most constituents. Constituents that were not screened out in Steps 2 through 5 using DOE data were evaluated through the same steps using WREQC data. If the criteria were met for WREQC data, evaluation of the constituent proceeded to Step 7, and if the criteria were not met, the constituent was excluded from long-term monitoring.

Step 7: Constituents that were not excluded from long-term monitoring in Steps 2 through 6 will be evaluated in the Supplemental Risk Assessment. If the results of the risk assessment indicate the constituent does not pose an unacceptable risk to human health or the environment, then the constituent will be excluded from long-term monitoring, and if the results of the risk assessment indicate an unacceptable risk to human health or the environment, then the constituent will be included for long-term monitoring.

Table 1. Groundwater Constituent Summary

Constituent	Plume Wells ^a				Standard or Benchmark ^{b,d}	Background ^{b,e}
	Range ^b	Mean ^b	N ^c	Percent Nondetects		
General Water Quality						
Calcium	187–627	396	31	0	650	271
Chloride	13–286	111	31	0	3,000	73
Potassium	5–18	12	31	0	1,250	4.1
Sodium	185–1,360	720	31	0	2,500	167
Sulfate	230–7,000	1,861	113	0	250	400
Total Organic Carbon	3–20	11	11	0	NA ^f	34
Inorganic						
Ammonia	0.1–0.42	0.15	12	75	NA	1.4
Bromide	0.1–0.3	0.25	6	17	NA	0.1
Cyanide	0.01–0.01	0.01	5	100	NA	0.01
Fluoride	0.6–1.3	0.88	13	0.08	0.9	0.3
Nitrate as NO ₃	0.03–8.4	1.1	26	46	NA	7.1
Nitrite	0.1–0.1	0.1	2	100	NA	0.1
Phosphate	0.1–1.8	0.3	12	50	NA	0.3
Silica	17.6–33.8	27.7	6	0	NA	50
Sulfide	0.1–4	0.8	7	100	NA	218
Metals						
Aluminum	0.05–1.74	0.32	22	63	0.2	0.2
Antimony	0.001–0.038	0.01	13	69	NA	0.005
Arsenic	0.0001–0.05	0.006	52	61	NA	0.01
Barium	0.01–0.2	0.06	20	40	NA	0.3
Beryllium	0.005–0.01	0.007	7	100	NA	0.01
Boron	0.2	0.2	2	0	NA	0.1
Cadmium	0.0001–0.005	0.002	19	74	NA	0.01
Chromium	0.002–0.15	0.023	20	90	NA	0.01
Cobalt	0.03–0.05	0.04	8	100	NA	0.05
Copper	0.01–0.04	0.015	14	71	NA	0.02
Iron	0.03–3.35	0.57	23	9	NA	1.56
Lead	0.001–0.03	0.009	20	65	NA	0.01
Magnesium	40–291	153	31	0	174	25.5
Manganese	0.00013–6.4	1.73	112	1.8	1.6	2.26
Mercury	0.0001–0.0004	0.0002	13	92	NA	0.0002
Molybdenum	0.053–1.7	0.39	113	0	0.1	0.02
Nickel	0.0062–0.28	0.08	54	17	NA	0.04
Selenium	0.001–0.079	0.02	22	68	0.01	0.005
Silver	0.01–0.03	0.01	15	87	NA	0.01
Strontium	0.86–13	2.8	18	0	NA	0.97
Thallium	0.01–0.01	0.01	5	100	NA	0.01
Tin	0.005–0.34	0.057	7	86	NA	0.005
Uranium	0.19–2.7	0.75	114	0	0.044	0.0156
Vanadium	0.001–0.14	0.02	34	74	NA	0.04
Zinc	0.005–0.068	0.015	19	47	7.5	0.012
Radiological						
Gross Alpha	25–1,050	531	21	0	15	15
Gross Beta	16–423	223	21	10	NA	16.4
Lead-210	0.2–4	1.35	14	50	NA	1.2
Polonium-210	0–2.4	0.38	14	50	NA	1.4

Table 1 (continued). Groundwater Constituent Summary

Constituent	Plume Wells ^a				Standard or Benchmark ^{b,d}	Background ^{b,e}
	Range ^b	Mean ^b	N ^c	Percent Nondetects		
Radium-226	0–2.2	0.35	16	NA	5	0.6
Radium-228	0–12.8	1.92	16	NA	5	2.8
Thorium-230	0–6.82	1.25	16	50	NA	0.7

Color Key

Greater than or equal to 90 percent nondetects

Concentrations within dietary range

Mean concentration of plume wells is less than or equal to maximum concentration in background wells.

Constituent of concern identified in the EA and listed in the NRC-approved GCAP

Mean concentration exceeds background concentrations and none of the above applies.

^a Data from surficial aquifer monitoring wells 0707, 0716, 0718, 0722, 0722R; data are from 1987 to 2011.

^b All units are in milligrams per liter for general water quality, inorganic, and metals constituents, and picocuries per liter for radiological constituents. When a constituent was not detected, the detection limit was used for reporting and calculations.

^c Number of observations

^d Standards and benchmarks include Title 40 Code of Federal Regulations Part 192, Table 1 to Subpart A; National Secondary Drinking Water Regulations, and the Drinking Water Equivalent Level from EPA's 2011 Edition of the Drinking Water Standards and Health Advisories; dietary ranges from the Final Programmatic Environmental Impact Statement of the Uranium Mill Tailings Remedial Action Ground Water Project, Appendix A (DOE 1996), high end of the dietary range was used for the benchmark assuming consumption of 2 liters of water per day.

^e Maximum concentration detected from background surficial aquifer monitoring wells 0710, 0711, 0712, 0713, 0714, and 0715; data are from 1985 to 2011. If a constituent was not detected, the method detection limit was used.

^f No standard or benchmark is available, or comparison to a standard was not assessed.

2.3 Constituent Evaluation

This section provides an evaluation of the constituents that should be included in future monitoring; it follows the approach outlined in Figure 1.

Constituents Not Detected (Step 2)

As shown in Table 1, cyanide, nitrite, sulfide, beryllium, chromium, cobalt, mercury, and thallium were not detected in a significant number of samples. These constituents were detected in less than 10 percent of the samples in the plume monitoring wells and, therefore, can be excluded from the long-term monitoring program.

Constituents at Background Levels (Step 3)

Mean concentrations of total organic carbon, ammonia, nitrate as NO₃, phosphate, silica, arsenic, barium, cadmium, copper, iron, lead, silver, vanadium, polonium-210, radium-226, and radium-228 in plume monitoring wells were equal to or less than maximum concentrations in background wells, indicating no groundwater impacts from the former milling activities. Therefore, these constituents can be excluded from the long-term monitoring program. The mean concentration of manganese was also below the maximum background concentration; however, because manganese was identified in the EA as a COC and is listed in NRC-approved GCAP, it will be retained in the long-term monitoring program.

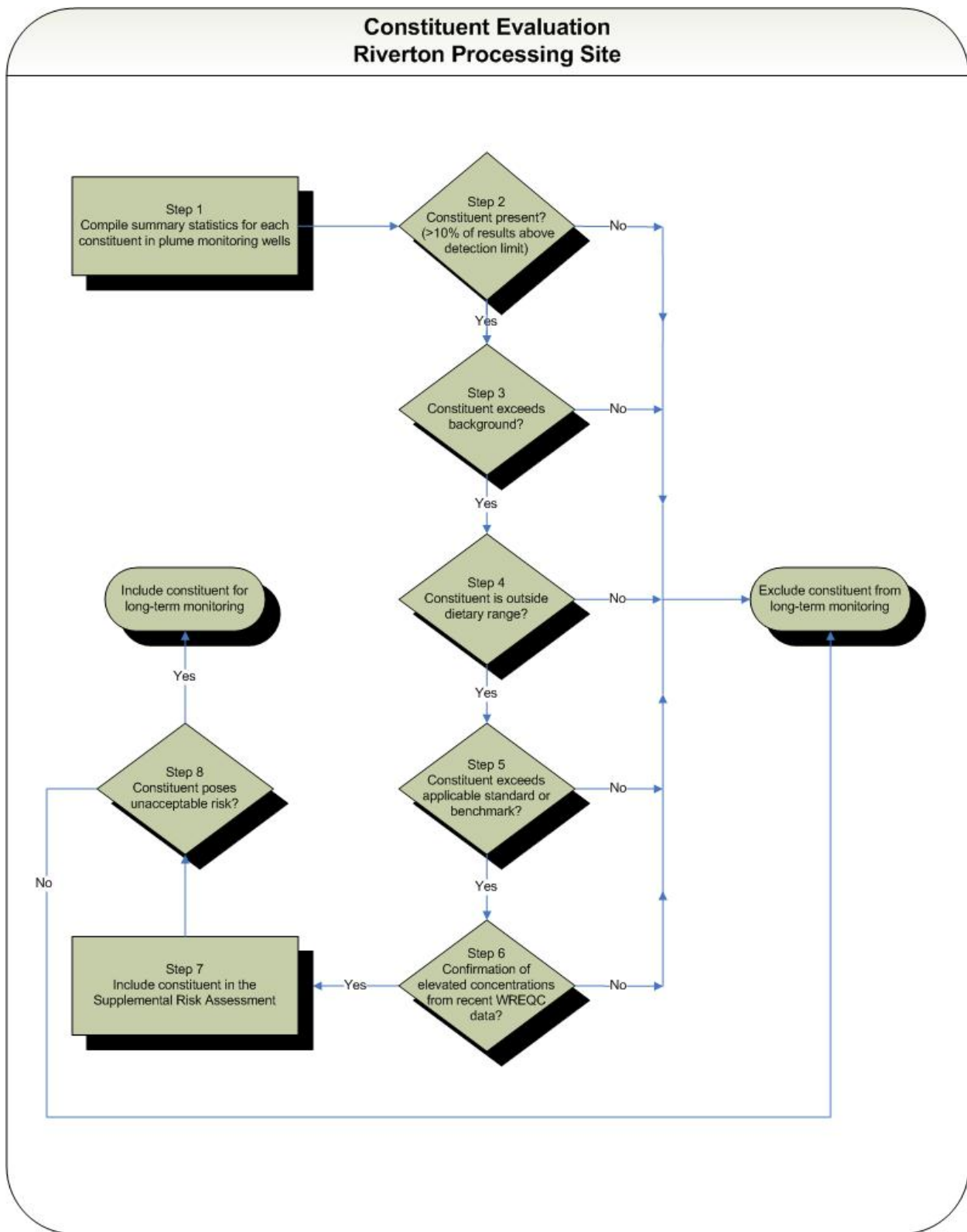


Figure 1. Constituent Evaluation Flowchart

Constituents within Dietary Range (Step 4)

As shown in Table 1, mean concentrations of calcium, chloride, fluoride, potassium, sodium, magnesium, and zinc in plume monitoring wells exceed maximum background concentrations, which indicate impacts to groundwater from the former milling activities. However, mean concentrations of these constituents are within the dietary range for humans and are considered essential nutrients for human health; therefore, these constituents can be excluded from the long-term monitoring program.

Constituents below Standards or Benchmarks (Step 5)

Following the flowchart in Figure 1, the next step is to compare remaining constituents to applicable standards or benchmarks. No constituents were eliminated based on this comparison.

Comparison to Recent WREQC Data (Step 6)

After the screening criteria eliminated the constituents listed above, numerous constituents remain for possible inclusion in the long-term monitoring program. As shown in Figure 1, the next step is to evaluate remaining constituents using recent data that WREQC collected in June 2011 to determine if concentrations are detected and still exceed background. Constituents remaining are evaluated using WREQC data in Table 2.

Table 2. Constituent Evaluation with WREQC 2011 Data

Constituent	2010 WREQC Data Maximum^a	2010 WREQC Data Background^{a,b}	Recommendation
Manganese	2.41	<0.01	Specified as COCs and listed in the NRC-approved GCAP; retain in the long-term monitoring program.
Molybdenum	1.3	<0.1	
Sulfate	6,400	385	
Uranium	3.12	0.0105	
Aluminum	<0.1	<0.1	Below detection limit; exclude from long-term monitoring.
Lead-210	-1 U	-0.4 U	
Thorium-230	0.1 U	0.006 U	Include in Supplemental Risk Assessment
Bromide	Not analyzed	-	
Antimony		-	
Tin		-	
Boron	0.5	<0.1	
Nickel	0.22	<0.05	
Strontium	6.0	1.0	
Selenium	0.01	<0.001	Met 40 CFR 192 MCL; included in monitoring program
Gross alpha	2,140	0.8 U	Accounted for by monitoring uranium; exclude from long-term monitoring
Gross beta	555	3.1 U	

^a All units are in milligrams per liter except for radiological constituents, which are in picocuries per liter. When a constituent was not detected, the detection limit was used.

^b Concentration from unfiltered sample collected by WREQC in June 2010 from background monitoring well 0710.

Manganese, molybdenum, sulfate, and uranium concentrations exceeded background and applicable standards/benchmarks in samples from recent DOE and WREQC sampling events. These constituents were selected as the COCs for the Riverton site and are specified in the

GCAP, which was approved by NRC; therefore, these constituents will be retained in the long-term monitoring program with no further evaluation necessary.

Bromide, antimony, and tin were not analyzed in the recent WREQC samples; therefore, an evaluation of these constituents is not possible. These constituents would be assessed in the Supplemental Risk Assessment (Step 7) to determine if they pose an unacceptable risk to human health or the environment, and the decision to include them in the long-term monitoring program can be based on the results of the risk assessment.

Results from the WREQC sampling in June 2011 show that boron, nickel, and strontium concentrations continue to exceed background concentrations; therefore, these constituents would be assessed in the Supplemental Risk Assessment, and the decision to include them in the long-term monitoring program can be based on the results of the risk assessment.

Because the selenium concentration in monitoring well 0718 (0.01 mg/L) matched the 40 CFR 192 standard, additional sampling for selenium is warranted until monitoring results indicate that concentrations in all wells in the monitoring network are below the standard.

Results from the recent WREQC sampling indicate that gross alpha and gross beta concentrations in plume monitoring wells remain significantly above background. The elevated concentrations of these gross measurements are a reflection of the presence of radionuclides associated with uranium decay products. For example, the gross alpha concentrations observed are primarily due to the uranium isotopes uranium-234 and uranium-238, and the gross beta concentrations are primarily due to thorium-234 (24-day half-life) and protactinium-234 (1.2-minute half-life), which are intermediate decay products between uranium-238 and uranium-234. Therefore, by continuing to monitor for uranium, these gross measurements are redundant and should not be included in the long-term monitoring program.

2.4 Constituent Summary and Recommendations

Table 3 summarizes recommendations for all constituents based on the evaluation conducted above.

Table 3. Summary of Constituent Evaluation

Constituent	Retain			Reason
	Yes	No	TBD ^a	
Manganese, molybdenum, sulfate, and uranium	X			Specified as COCs in the EA and listed in the NRC-approved GCAP
Antimony, boron, bromide, nickel, strontium, and tin			X	Address in the Supplemental Risk Assessment
Selenium	X			Additional sampling warranted because recent concentration matched the 40 CFR 192 standard in one well.
Gross alpha and gross beta		X		Accounted for by monitoring for uranium
All other constituents		X		Eliminated based on criteria in Figure 1 and data in Table 1

^aTo be determined

3.0 Seasonal Variation

Assessment of seasonal variation in groundwater and surface water data is an important consideration to optimize a long-term monitoring program. Determination of how concentrations of constituents vary seasonally allows scheduling of sampling events during the season (or seasons) of the year when concentrations are highest. Sampling when concentrations are highest will provide a conservative data set when addressing the completion of the natural flushing compliance strategy.

3.1 Background

Groundwater sampling has been conducted on a variable frequency at the Riverton site. Table 4 presents the frequency of monitoring of well 0707, which has the most extensive monitoring history of any well at the Riverton site. During the site characterization phase from 1987 to 1992, sampling was conducted two to four times per year followed by a period of annual sampling through 2003. Monitoring well 0707 was not sampled in 1994 and 1995, although a limited set of wells were sampled during that period. In 2004, sampling frequency was increased from annual sampling to semiannual sampling at the request of WREQC and continues to be conducted on a semiannual basis. In 2005, the semiannual sampling schedule was adjusted to capture a high-flow sampling event in June.

Table 4. Sampling Frequency of Monitoring Well 0707

Year	Month Sampled											
	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
1987									X		X	
1988		X			X				X	X		
1989				X								X
1990				X							X	
1991			X			X				X		
1992			X					X				
1993			X									
1994												
1995												
1996		X										
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2000					X							
2001					X							
2002					X							
2003					X							
2004					X					X		
2005						X				X		
2006						X					X	
2007						X					X	
2008						X					X	
2009						X					X	
2010						X					X	
2011						X					X	

Water levels in the surficial aquifer correlate with discharge in the Little Wind River, as illustrated in Figure 2. Flow in the Little Wind River is typically highest in June, which reflects spring runoff conditions from the Wind River Range. Table 5 displays monthly average flow statistics from USGS gaging station 06235500, which is located just downstream of the Riverton site, from 1990 to 2010. As shown in the table, the largest river flows are in June, and flows in the fall, winter, and early spring are low and comparable to each other.

Data from 1988 and 1989 were not used for assessment of seasonal variation because surface remediation of the mill site was occurring at that time, and data would likely reflect various stages of source removal that was in progress rather than true seasonal variation. In addition, data from 1990 to 1992 were not used for assessment of seasonal variation because the limited number of locations sampled did not meet the minimum number of data points required for the statistical test selected, which is described in Section 3.2. Therefore, this assessment of seasonal variation will focus on determining if there is a difference between June and October/November (fall) sampling events using data from 2005 to 2010.

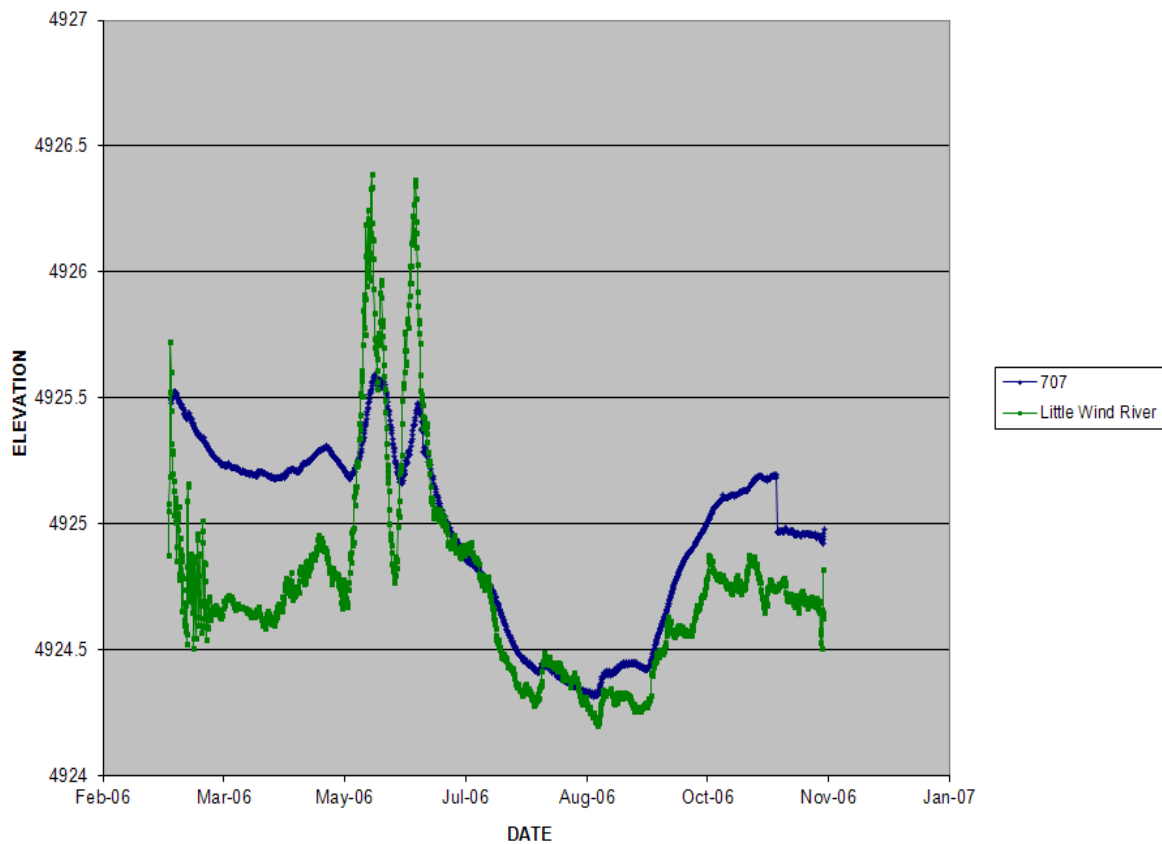


Figure 2. Water Elevations in the Little Wind River and Monitoring Well 0707

Table 5. Monthly Average Flow of the Little Wind River from 1990 to 2010

USGS Surface Water data for Wyoming: USGS Surface-Water Monthly Statistics

Fremont County, Wyoming Hydrologic Unit Code 10080002 Latitude 42°59'51", Longitude 108°22'31.5" NAD83 Drainage area 1,904 square miles Gage datum 4,901.84 feet above NGVD29	Output formats HTML table of all data Tab-separated data Reselect output format
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00060, Discharge, cubic feet per second,												
YEAR	Monthly mean in cfs (Calculation Period: 1990-01-01 -> 2010-09-30)											
	Period-of-record for statistical calculation restricted by user											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1990	203.9	186.8	182.7	350.8	276.3	1,073	525.9	185.4	210.9	288.5	279.6	147.2
1991	157.3	184.3	270.1	257.3	1,536	4,641	655.5	186.2	244.7	218.0	300.2	234.2
1992	199.4	246.9	271.4	239.1	478.3	649.9	684.6	159.6	157.6	199.3	229.1	176.5
1993	161.9	156.8	287.4	303.0	1,352	2,328	766.8	463.1	248.5	285.9	284.7	211.5
1994	203.9	152.6	315.1	463.3	957.5	437.9	110.6	105.1	82.5	319.5	266.0	201.6
1995	194.4	218.6	283.9	254.7	1,058	4,794	3,345	425.6	267.6	450.5	391.4	270.8
1996	218.7	275.9	275.5	408.3	887.8	2,517	870.4	194.0	218.4	295.3	303.7	265.0
1997	256.5	233.8	270.7	331.5	1,456	3,354	738.9	546.6	343.0	359.8	330.7	208.6
1998	203.1	217.7	579.5	547.4	1,148	2,530	2,085	601.2	388.5	596.4	468.2	293.5
1999	247.3	250.2	259.1	731.9	2,294	4,382	1,594	353.0	374.3	390.4	310.2	237.0
2000	230.1	220.0	243.2	293.5	1,032	1,089	173.2	85.0	108.4	218.7	193.1	160.0
2001	137.1	130.6	177.4	194.9	504.6	233.2	84.4	22.1	33.0	73.5	122.4	155.3
2002	118.6	132.6	223.5	178.7	203.1	740.6	148.4	45.0	35.7	134.4	174.3	154.8
2003	154.2	151.1	220.0	249.7	569.7	861.7	253.1	51.6	124.8	134.4	165.7	150.8
2004	134.8	163.3	313.9	380.5	1,007	1,591	1,223	340.7	348.5	530.8	433.3	236.5
2005	242.2	266.7	237.6	318.1	1,885	2,272	817.3	251.7	121.7	277.4	245.4	202.8
2006	197.9	224.3	225.5	224.0	668.2	642.4	147.0	61.5	106.4	289.1	276.9	221.5
2007	187.4	183.4	233.9	276.5	1,004	738.9	176.0	180.5	90.9	228.1	202.4	135.1
2008	131.1	156.1	203.1	143.9	1,025	2,175	907.4	164.9	169.1	260.0	261.6	195.9
2009	173.5	200.2	195.0	409.9	1,388	3,012	1,100	249.5	137.0	354.3	257.6	205.0
2010	173.1	167.9	307.7	642.7	1,571	5,182	1,210	222.4	141.8			
Mean of monthly Discharge	187	196	266	343	1,060	2,150	839	233	188	295	275	203

** No Incomplete data have been used for statistical calculation

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3.2 Statistical Approach

The Wilcoxon Signed-Rank Test (Hollander and Wolfe 1973) statistical test was used for this evaluation. The Wilcoxon Signed-Rank Test requires computing and ranking the differences in paired observations. This statistical test is a nonparametric test and, therefore, does not require a specific distribution of the data (e.g., normal distribution).

The Wilcoxon Signed-Rank Test is used as an alternative to the Paired Student's t Test when determination of a normal distribution of the underlying population cannot be made. The Wilcoxon Signed-Rank Test is used to determine whether there is a difference between paired samples by considering the magnitude of differences. The most widely used application of this test is to determine whether there is a difference between data from before and after an event. The null hypothesis for this test states that there is no difference between the paired samples. The alternative hypothesis states that there is a difference between the paired samples. In this evaluation, this test will be used to determine whether there is a difference between data collected in June versus data collected in the fall, that is, whether there is a statistically significant seasonal difference observed in the constituents.

To compare the June and fall sampling events, five constituents (manganese, molybdenum, specific conductance, sulfate, and uranium) were evaluated in groundwater and surface water for the years 2005 through 2010 (Appendix A). Locations sampled in the June sampling event were matched with the same location sampled in the fall sampling event to create paired samples.

3.3 Groundwater

Table 6 shows the number of paired samples (June/fall) for each groundwater constituent in each year.

Table 6. Number of Paired Groundwater Samples

Constituent	Number of Paired Samples						
	2005	2006	2007	2008	2009	2010	All Years
Manganese	8	9	13	12	13	12	67
Molybdenum	7	9	12	13	13	12	66
Specific Conductance	8	9	13	13	13	12	68
Sulfate	8	9	11	12	13	12	65
Uranium	8	8	13	13	13	12	67

Table 7 shows the results of the statistical test to determine if there is a difference between the paired samples for groundwater between the June and fall sampling events at the 95 percent confidence level. Because the null hypothesis means there is no difference between paired samples, a "yes" answer indicates that there is a statistical difference (seasonal variation) between the June and fall data. Only 5 of the 30 constituent/year combinations (17 percent) show seasonal variation. The analysis for each constituent that considers the data for all the years from 2005 through 2010 indicates that manganese and molybdenum show seasonal variation, while specific conductance, sulfate, and uranium show no significant seasonal variation.

Table 7. Results of the Wilcoxon Signed-Rank Test for Groundwater

Constituent	Is there a difference between paired samples (Yes/No)?						
	2005	2006	2007	2008	2009	2010	All Years
Manganese	Yes	No	Yes	No	No	No	Yes
Molybdenum	No	No	Yes	No	Yes	No	Yes
Specific Conductance	No	No	Yes	No	No	No	No
Sulfate	No	No	No	No	No	No	No
Uranium	No	No	No	No	No	No	No

Table 8 shows which sampling event had the highest average (mean) concentration. As shown in the table, 20 out of 30 constituent/year combinations (67 percent) were higher in June, and for data that considered all years, all average constituent concentrations were higher in June, except for molybdenum.

Table 8. Sampling Event with Highest Average Groundwater Concentration

Constituent	Sampling Event with Highest Average						
	2005	2006	2007	2008	2009	2010	All Years
Manganese	June	June	June	June	Fall	June	June
Molybdenum	Fall	June	Fall	June	Fall	Fall	Fall
Specific Conductance	Fall	June	June	June	June	June	June
Sulfate	June	Fall	Fall	Fall	June	June	June
Uranium	Fall	June	June	June	June	June	June

3.4 Surface Water

Surface water data used for this analysis included results from the oxbow lake, ponds, and Little Wind River locations. Table 9 shows the number of paired samples for each constituent/year combination.

Table 9. Number of Paired Surface Water samples

Constituent	Number of Paired Samples						
	2005	2006	2007	2008	2009	2010	All Years
Manganese	9	No Data	8	9	9	9	44
Molybdenum	9	No Data	9	9	9	9	45
Specific Conductance	9	9	9	9	9	9	54
Sulfate	9	9	8	9	8	9	52
Uranium	9	9	9	8	8	9	52

Table 10 shows the results of the statistical test to determine if there is a statistical difference (seasonal variation) between the paired samples for surface water constituents between the June and fall sampling events at the 5 percent level of significance. As shown in Table 10, seasonal variation is evident in surface water concentrations for all constituents, as 19 of the 28 constituent/year combinations (68 percent) show seasonal variation. In addition, the analysis

for each constituent that considers the data for all the years from 2005 through 2010 indicates that all of the constituents show seasonal variation.

Table 10. Results of the Wilcoxon Signed-Rank Test for Surface Water

Constituent	Is there a difference between paired samples (Yes/No)?						
	2005	2006	2007	2008	2009	2010	All Years
Manganese	Yes	No Data	Yes	No	No	Yes	Yes
Molybdenum	Yes	No Data	Yes	Yes	No	Yes	Yes
Specific Conductance	Yes	Yes	No	Yes	No	Yes	Yes
Sulfate	No	Yes	No	Yes	No	No	Yes
Uranium	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Seasonal variation in the surface water is not unexpected, as concentrations of constituents in the oxbow lake are diluted during June run-off as water from the Little Wind River typically flows into or through the oxbow lake. In the fall, the oxbow lake is fed by groundwater discharge and, therefore, reflects concentrations of the contaminated alluvial aquifer. In addition, concentrations of constituents in other surface water features in the monitoring network are concentrated by lower flows and water levels during the fall sampling event.

Table 11 shows which sampling event had the highest average (mean) concentration. As shown in the table, surface water constituent concentrations are higher in the fall, which is a reflection of higher concentrations in the oxbow lake. All 28 constituent/year combinations (100 percent) were higher in the fall, and for data that considered all years, all average constituent concentrations were higher in the fall.

Table 11. Sampling Event with Highest Average Surface Water Concentration

Constituent	Sampling Event with Highest Average						
	2005	2006	2007	2008	2009	2010	All Years
Manganese	Fall	No Data	Fall	Fall	Fall	Fall	Fall
Molybdenum	Fall	No Data	Fall	Fall	Fall	Fall	Fall
Specific Conductance	Fall	Fall	Fall	Fall	Fall	Fall	Fall
Sulfate	Fall	Fall	Fall	Fall	Fall	Fall	Fall
Uranium	Fall	Fall	Fall	Fall	Fall	Fall	Fall

3.5 Sampling Frequency Summary and Recommendations

Statistical analysis indicates a slight constituent-dependent, seasonal variation in the groundwater data between the June and fall sampling events, and groundwater concentrations tend to be higher in June. For surface water, statistical analysis indicates considerable seasonal variation between the June and fall data, which is attributed to the oxbow lake, and surface water concentrations are generally higher in the fall. These results are summarized in Table 12.

Table 12. Summary of Seasonal Variation

Constituent	Seasonal Variation (Yes/No)	Highest Average
Groundwater		
Manganese	Yes	June
Molybdenum	Yes	Fall
Specific Conductance	No	June
Sulfate	No	June
Uranium	No	June
Surface Water		
Manganese	Yes	Fall
Molybdenum	Yes	Fall
Specific Conductance	Yes	Fall
Sulfate	Yes	Fall
Uranium	Yes	Fall

This evaluation indicates that some seasonal variation exists in the data between the June and fall sampling events; however, the limited data set did not allow evaluation of seasonal variation at other times of the year. To determine if constituent concentrations vary at other times of the year and if constituent concentrations are higher at other times of the year, it is recommended that sampling be conducted during other seasons of the year. The NRC-approved compliance strategy of natural flushing is a long-term strategy with current groundwater modeling predicting approximately 75 years before aquifer restoration is complete; therefore, a high-frequency sampling schedule (e.g., quarterly) is not warranted. For cost-effective sampling in other seasons, it is recommended that the sampling frequency remain semiannual with one sampling event in June (high flow) and rotating the second sampling event to a different season (late summer, winter, and early spring). It is recommended that this sampling schedule be in place until a sampling event has been conducted in each season. This recommended schedule is shown in Table 13.

Table 13. Proposed Sampling Schedule

Year	Month Sampled											
	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
2012						X						X
2013			X			X						
2014						X			X			

Evaluation of the additional seasonal variation will be conducted using analysis of variance (ANOVA). ANOVA is a one-way parametric F-test statistical procedure to determine whether there are statistically significant differences in mean concentrations among a set of groups. Two common applications of ANOVA in environmental cleanup are to test if there is a difference between constituent concentrations in background wells and those in monitoring wells and to determine if there is a difference in data collected before and after remediation. As stated previously for the Wilcoxon Signed-Rank Test, ANOVA will be used to determine whether there is a difference between data collected in June and data collected at other times in the year.

Like the two-sample t-test, the one-way ANOVA is a comparison of population means. However, the one-way ANOVA is a comparison of several populations or groups. For example,

a group of data would consist of uranium data collected in June 2012 or uranium data collected in December 2012. Sampling according to the schedule in Table 13 would result in six groups of data for each of the analytes considered. This test requires a minimum of four data points (locations) within a group to be statistically significant; this minimum number will be exceeded in the planned groundwater (12 wells) and surface water (9 locations) sampling.

The null hypothesis is that all the groups have the same population mean. Computation of the F-statistic is the first step of the ANOVA procedure. It can only determine whether any significant mean difference exists between the possible pairs of data groups, and not whether specific groups differ from one another. When a significant F-test is registered, individual tests between each pair of groups need to be conducted. These individual tests, known as *post-hoc comparison* or *contrasts*, are a specially constructed series of t-tests.

4.0 Conclusions

Historical evaluation of 47 constituents monitored at the Riverton site narrowed the list of constituents of potential concern to the four constituents specified in EA and listed in the GCAP. This reevaluation of constituents using extensive data collected by DOE and recent data collected by WREQC has identified six additional constituents (antimony, boron, bromide, nickel, strontium, and tin) that require additional consideration based on the screening criteria presented in this paper. These constituents can be further evaluated via a Supplemental Risk Assessment to determine if measured concentrations pose an unacceptable risk to human health and the environment. In addition, recent WREQC data indicated that the selenium concentration in one well equaled the 40 CFR 192 groundwater standard; therefore, additional groundwater monitoring for selenium is warranted.

Sampling has been conducted on a variable schedule at the Riverton site. Data have been insufficient to determine seasonal variation in all seasons of the year, as limited data have been collected in the winter, early spring, and late summer seasons. There has, however, been sufficient data to determine differences between the June and fall sampling events.

In general, concentrations of COCs in groundwater show a slight constituent-dependent seasonal variation between June and fall sampling events, and concentrations are typically higher in June. This is likely a result of higher water levels mobilizing more contaminants from the vadose zone into the groundwater. For surface water, there is seasonal variation for all COCs, and contaminant concentrations are higher in the fall because lower water levels and flows in the surface water tend to concentrate contaminants.

5.0 References

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Appendix A

**Plume Concentrations
Background Concentrations
WREQC Groundwater Data 6-2011
Groundwater Seasonal Variation
Surface Water Seasonal Variation**

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Plume Concentrations

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ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	RESULT	LAB_ QUALIFIERS	DATA_ VALIDATION_ QUALIFIERS
Aluminum	0707	9/8/1987	0.28		
Aluminum	0707	11/21/1987	0.35		
Aluminum	0707	2/20/1988	0.41		
Aluminum	0707	5/16/1988	0.37		J
Aluminum	0707	9/1/1988	0.05	U	J
Aluminum	0707	10/28/1988	0.05	U	J
Aluminum	0707	4/25/1989	0.1	U	
Aluminum	0707	12/2/1989	0.1	U	
Aluminum	0707	11/19/1990	0.1	U	
Aluminum	0707	3/12/1991	0.05	U	
Aluminum	0707	6/1/1991	0.05	U	
Aluminum	0707	10/25/1991	0.39		
Aluminum	0707	3/15/1992	0.05	U	
Aluminum	0707	8/8/1992	0.05	U	
Aluminum	0722	3/16/1993	1.45		
Aluminum	0707	3/31/1993	0.05	U	
Aluminum	0716	4/1/1993	1.74		
Aluminum	0718	4/1/1993	1.19		
Aluminum	0716	2/16/1996	0.05	U	
Aluminum	0718	2/17/1996	0.05	U	
Aluminum	0707	2/18/1996	0.05	U	
Aluminum	0722	2/18/1996	0.05	U	
		Min	0.05		
		Max	1.74		
		Mean	0.319545455		
		N	22		
Ammonia Total as NH4	0707	9/8/1987	0.1	U	
Ammonia Total as NH4	0707	11/21/1987	0.1	U	
Ammonia Total as NH4	0707	2/20/1988	0.1	U	
Ammonia Total as NH4	0707	5/16/1988	0.1	U	
Ammonia Total as NH4	0707	9/1/1988	0.42		
Ammonia Total as NH4	0707	10/28/1988	0.38		
Ammonia Total as NH4	0707	4/25/1989	0.1		
Ammonia Total as NH4	0707	12/2/1989	0.1	U	
Ammonia Total as NH4	0722	3/16/1993	0.1	U	
Ammonia Total as NH4	0707	3/31/1993	0.1	U	
Ammonia Total as NH4	0716	4/1/1993	0.1	U	
Ammonia Total as NH4	0718	4/1/1993	0.1	U	
		Min	0.1		
		Max	0.42		
		Mean	0.15		
		N	12		
Antimony	0707	9/8/1987	0.003	U	
Antimony	0707	11/21/1987	0.015		
Antimony	0707	2/20/1988	0.037		
Antimony	0707	5/16/1988	0.023		
Antimony	0707	9/1/1988	0.001	U	J
Antimony	0707	10/28/1988	0.001	U	J
Antimony	0707	4/25/1989	0.003	U	
Antimony	0707	12/2/1989	0.003	U	
Antimony	0707	4/1/1990	0.038		
Antimony	0707	11/19/1990	0.003	U	
Antimony	0707	3/12/1991	0.003	U	
Antimony	0707	6/1/1991	0.003	U	
Antimony	0707	10/25/1991	0.003	U	
		Min	0.001		
		Max	0.038		
		Mean	0.010461538		
		N	13		
Arsenic	0707	9/8/1987	0.001		J
Arsenic	0707	11/21/1987	0.019		
Arsenic	0707	2/20/1988	0.013		
Arsenic	0707	5/16/1988	0.032		
Arsenic	0707	9/1/1988	0.001	U	
Arsenic	0707	10/28/1988	0.001		J
Arsenic	0707	4/25/1989	0.01	U	
Arsenic	0707	12/2/1989	0.003	U	J
Arsenic	0707	4/1/1990	0.05		
Arsenic	0707	11/19/1990	0.01	U	
Arsenic	0707	3/12/1991	0.01	U	
Arsenic	0707	6/1/1991	0.05	UI	
Arsenic	0707	10/25/1991	0.01	UI	
Arsenic	0722	3/16/1993	0.005	U	
Arsenic	0707	3/31/1993	0.005	U	
Arsenic	0716	4/1/1993	0.005	U	

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	RESULT	LAB_ QUALIFIERS	DATA_ VALIDATION_ QUALIFIERS
Arsenic	0718	4/1/1993	0.005	U	
Arsenic	0716	1/9/1994	0.005	UW	
Arsenic	0718	1/9/1994	0.005	UW	
Arsenic	0722	1/10/1994	0.005	UW	
Arsenic	0716	2/16/1996	0.005	U	
Arsenic	0718	2/17/1996	0.005	U	
Arsenic	0707	2/18/1996	0.005	U	
Arsenic	0722	2/18/1996	0.005	U	
Arsenic	0722	2/6/1997	0.0002	UN	J
Arsenic	0718	2/7/1997	0.00071	B	J
Arsenic	0707	2/9/1997	0.001	B	J
Arsenic	0716	2/9/1997	0.0004	BN	J
Arsenic	0722	5/13/1998	0.001	U	
Arsenic	0716	5/14/1998	0.001	U	
Arsenic	0707	5/15/1998	0.0013	B	
Arsenic	0718	5/15/1998	0.001	U	
Arsenic	0718	5/5/1999	0.001	U	
Arsenic	0722	5/5/1999	0.001	U	
Arsenic	0707	5/6/1999	0.0013	B	
Arsenic	0716	5/6/1999	0.001	U	
Arsenic	0707	5/9/2000	0.0015	B	
Arsenic	0722	5/9/2000	0.0002	U	
Arsenic	0718	5/10/2000	0.00045	B	U
Arsenic	0716	5/11/2000	0.0012	B	
Arsenic	0707	5/15/2001	0.001	B	
Arsenic	0716	5/16/2001	0.0005	U	
Arsenic	0718	5/16/2001	0.0005	U	
Arsenic	0722	5/16/2001	0.0005	U	
Arsenic	0707	5/14/2002	0.0012	B	F
Arsenic	0716	5/14/2002	0.00054	B	F
Arsenic	0718	5/15/2002	0.00062	B	F
Arsenic	0722	5/15/2002	0.0001	U	F
Arsenic	0707	5/13/2003	0.0013	B	F
Arsenic	0716	5/14/2003	0.00035	B	F
Arsenic	0718	5/14/2003	0.00076	B	F
Arsenic	0722	5/14/2003	0.0001	U	F
		Min	0.0001		
		Max	0.05		
		Mean	0.005514038		
		N	52		
Barium	0707	9/8/1987	0.05		J
Barium	0707	11/21/1987	0.03		J
Barium	0707	2/20/1988	0.02		J
Barium	0707	5/16/1988	0.02		J
Barium	0707	9/1/1988	0.01		J
Barium	0707	10/28/1988	0.01		J
Barium	0707	4/25/1989	0.1	U	
Barium	0707	12/2/1989	0.1	U	
Barium	0707	4/1/1990	0.2		
Barium	0707	11/19/1990	0.1	U	
Barium	0707	3/12/1991	0.01		
Barium	0707	6/1/1991	0.02		
Barium	0707	10/25/1991	0.03		
Barium	0707	3/15/1992	0.02		
Barium	0707	8/8/1992	0.02		
Barium	0722	3/16/1993	0.1	U	
Barium	0722	3/16/1993	0.1	U	
Barium	0707	3/31/1993	0.1	U	
Barium	0716	4/1/1993	0.1	U	
Barium	0718	4/1/1993	0.1	U	
		Min	0.01		
		Max	0.2		
		Mean	0.062		
		N	20		
Beryllium	0707	12/2/1989	0.01	U	
Beryllium	0707	4/1/1990	0.01	U	
Beryllium	0707	11/19/1990	0.01	U	
Beryllium	0707	3/12/1991	0.005	U	
Beryllium	0707	6/1/1991	0.005	U	
Beryllium	0707	3/15/1992	0.005	U	
Beryllium	0707	8/8/1992	0.005	U	
		Min	0.005		
		Max	0.01		
		Mean	0.007142857		
		N	7		

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	RESULT	LAB_ QUALIFIERS	DATA_ VALIDATION_ QUALIFIERS
Boron	0707	4/25/1989	0.2		
Boron	0707	12/2/1989	0.2		
		Min	0.2		
		Max	0.2		
		Mean	0.2		
		N	2		
Bromide	0707	4/25/1989	0.3	H	
Bromide	0707	12/2/1989	0.1	U	
Bromide	0722	3/16/1993	0.3		
Bromide	0707	3/31/1993	0.3		
Bromide	0716	4/1/1993	0.2		
Bromide	0718	4/1/1993	0.3		
		Min	0.1		
		Max	0.3		
		Mean	0.25		
		N	6		
Cadmium	0707	9/8/1987	0.005	U	
Cadmium	0707	11/21/1987	0.005	U	
Cadmium	0707	2/20/1988	0.001	U	
Cadmium	0707	5/16/1988	0.003		
Cadmium	0707	9/1/1988	0.0001		J
Cadmium	0707	10/28/1988	0.0001	U	J
Cadmium	0707	4/25/1989	0.001		
Cadmium	0707	12/2/1989	0.005		
Cadmium	0707	4/1/1990	0.0015		
Cadmium	0707	11/19/1990	0.001	U	
Cadmium	0707	3/12/1991	0.001	U	
Cadmium	0707	6/1/1991	0.001	U	
Cadmium	0707	10/25/1991	0.001	U	
Cadmium	0707	3/15/1992	0.001	U	
Cadmium	0707	8/8/1992	0.001	U	
Cadmium	0722	3/16/1993	0.001	U	
Cadmium	0707	3/31/1993	0.001	UW	
Cadmium	0716	4/1/1993	0.001	U	
Cadmium	0718	4/1/1993	0.001	UE	
		Min	0.0001		
		Max	0.005		
		Mean	0.001668421		
		N	19		
Calcium	0707	9/8/1987	345		
Calcium	0707	11/21/1987	405		
Calcium	0707	2/20/1988	370		
Calcium	0707	5/16/1988	410		
Calcium	0707	9/1/1988	373		
Calcium	0707	10/28/1988	370		
Calcium	0707	4/25/1989	390		
Calcium	0707	12/2/1989	365		
Calcium	0707	4/1/1990	386		
Calcium	0707	11/19/1990	406		
Calcium	0707	3/12/1991	446		
Calcium	0707	6/1/1991	461		
Calcium	0707	10/25/1991	605		
Calcium	0707	3/15/1992	468		
Calcium	0707	8/8/1992	403		
Calcium	0722	3/16/1993	410		
Calcium	0707	3/31/1993	392		
Calcium	0716	4/1/1993	187		
Calcium	0718	4/1/1993	238		
Calcium	0716	2/16/1996	241		
Calcium	0718	2/17/1996	468		
Calcium	0707	2/18/1996	627		
Calcium	0722	2/18/1996	497		
Calcium	0722	2/6/1997	514		
Calcium	0718	2/7/1997	382		
Calcium	0707	2/9/1997	456		
Calcium	0716	2/9/1997	194		
Calcium	0722	5/13/1998	456		
Calcium	0716	5/14/1998	195		
Calcium	0707	5/15/1998	448		
Calcium	0718	5/15/1998	364		
		Min	187		
		Max	627		
		Mean	395.8709677		
		N	31		
Chloride	0707	9/8/1987	153		

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	RESULT	LAB_ QUALIFIERS	DATA_ VALIDATION_ QUALIFIERS
Chloride	0707	11/21/1987	127		
Chloride	0707	2/20/1988	13		
Chloride	0707	5/16/1988	110		
Chloride	0707	9/1/1988	85		
Chloride	0707	10/28/1988	93		
Chloride	0707	4/25/1989	96		
Chloride	0707	12/2/1989	91		
Chloride	0707	4/1/1990	101		
Chloride	0707	11/19/1990	107		
Chloride	0707	3/12/1991	121		
Chloride	0707	6/1/1991	128		
Chloride	0707	10/25/1991	207		
Chloride	0707	3/15/1992	171		
Chloride	0707	8/8/1992	132		
Chloride	0722	3/16/1993	37.9		
Chloride	0707	3/31/1993	115		
Chloride	0716	4/1/1993	36.7		
Chloride	0718	4/1/1993	96.5		
Chloride	0716	2/16/1996	64.1		
Chloride	0718	2/17/1996	238		
Chloride	0707	2/18/1996	286		
Chloride	0722	2/18/1996	75.2		
Chloride	0722	2/6/1997	54.4		
Chloride	0718	2/7/1997	147		
Chloride	0707	2/9/1997	202		
Chloride	0716	2/9/1997	60.1		
Chloride	0722	5/13/1998	23.2		
Chloride	0716	5/14/1998	62.4		
Chloride	0707	5/15/1998	113		
Chloride	0718	5/15/1998	105		
		Min	13		
		Max	286		
		Mean	111.3387097		
		N	31		
Chromium	0707	9/8/1987	0.01	U	
Chromium	0707	11/21/1987	0.01	U	
Chromium	0707	2/20/1988	0.15		
Chromium	0707	5/16/1988	0.13		
Chromium	0707	9/1/1988	0.01	U	
Chromium	0707	10/28/1988	0.01	U	
Chromium	0707	4/25/1989	0.01	U	
Chromium	0707	12/2/1989	0.01	U	
Chromium	0707	4/1/1990	0.01	U	
Chromium	0707	11/19/1990	0.01	U	
Chromium	0707	3/12/1991	0.01	U	
Chromium	0707	6/1/1991	0.01	U	
Chromium	0707	10/25/1991	0.01	U	
Chromium	0707	3/15/1992	0.01	U	
Chromium	0707	8/8/1992	0.01	U	
Chromium	0722	2/25/1993	0.002	UI	
Chromium	0722	3/16/1993	0.01	U	
Chromium	0707	3/31/1993	0.01	U	
Chromium	0716	4/1/1993	0.01	U	
Chromium	0718	4/1/1993	0.01	U	
		Min	0.002		
		Max	0.15		
		Mean	0.0226		
		N	20		
Cobalt	0707	4/25/1989	0.05	U	
Cobalt	0707	12/2/1989	0.05	U	
Cobalt	0707	4/1/1990	0.05	U	
Cobalt	0707	11/19/1990	0.05	U	
Cobalt	0707	3/12/1991	0.03	U	
Cobalt	0707	6/1/1991	0.03	U	
Cobalt	0707	3/15/1992	0.03	U	
Cobalt	0707	8/8/1992	0.03	U	
		Min	0.03		
		Max	0.05		
		Mean	0.04		
		N	8		
Copper	0707	9/8/1987	0.01	U	J
Copper	0707	11/21/1987	0.02		
Copper	0707	2/20/1988	0.01		J
Copper	0707	5/16/1988	0.02		
Copper	0707	9/1/1988	0.01	U	J

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	RESULT	LAB_ QUALIFIERS	DATA_ VALIDATION_ QUALIFIERS
Copper	0707	10/28/1988	0.01	U	J
Copper	0707	4/25/1989	0.01	U	
Copper	0707	12/2/1989	0.02	U	
Copper	0707	4/1/1990	0.04		
Copper	0707	11/19/1990	0.02	U	
Copper	0707	3/12/1991	0.01	U	
Copper	0707	6/1/1991	0.01	U	
Copper	0707	3/15/1992	0.01	U	
Copper	0707	8/8/1992	0.01	U	
		Min	0.01		
		Max	0.04		
		Mean	0.015		
		N	14		
Fluoride	0707	4/25/1989	0.8	H	
Fluoride	0707	12/2/1989	0.8		
Fluoride	0707	4/1/1990	0.8		
Fluoride	0707	11/19/1990	0.7		
Fluoride	0707	3/12/1991	0.8		
Fluoride	0707	6/1/1991	0.8		
Fluoride	0707	10/25/1991	1	UI	
Fluoride	0707	3/15/1992	1		
Fluoride	0707	8/8/1992	1		J
Fluoride	0722	3/16/1993	0.6		
Fluoride	0707	3/31/1993	0.9		
Fluoride	0716	4/1/1993	1		
Fluoride	0718	4/1/1993	1.3		
		Min	0.6		
		Max	1.3		
		Mean	0.884615385		
		N	13		
Gross Alpha	0707	4/25/1989	680		
Gross Alpha	0707	12/2/1989	970		
Gross Alpha	0707	4/1/1990	770		
Gross Alpha	0707	11/19/1990	470		
Gross Alpha	0707	3/12/1991	505		
Gross Alpha	0707	6/1/1991	769		
Gross Alpha	0707	10/25/1991	25		
Gross Alpha	0707	3/15/1992	596		
Gross Alpha	0707	8/8/1992	546		
Gross Alpha	0722	3/16/1993	616		
Gross Alpha	0707	3/31/1993	443		
Gross Alpha	0716	4/1/1993	372		
Gross Alpha	0718	4/1/1993	86.3		
Gross Alpha	0722	2/6/1997	1049.66		
Gross Alpha	0718	2/7/1997	169.4		J
Gross Alpha	0707	2/9/1997	722.85		J
Gross Alpha	0716	2/9/1997	327.96		
Gross Alpha	0722	5/13/1998	908.3		J
Gross Alpha	0716	5/14/1998	280.5		J
Gross Alpha	0707	5/15/1998	702.3		J
Gross Alpha	0718	5/15/1998	146.8		J
		Min	25		
		Max	1049.66		
		Mean	531.2414286		
		N	21		
Gross Beta	0707	4/25/1989	236		
Gross Beta	0707	12/2/1989	310		
Gross Beta	0707	4/1/1990	240		
Gross Beta	0707	11/19/1990	240		
Gross Beta	0707	3/12/1991	203		
Gross Beta	0707	6/1/1991	305		
Gross Beta	0707	10/25/1991	350		
Gross Beta	0707	3/15/1992	423		
Gross Beta	0707	8/8/1992	318		
Gross Beta	0722	3/16/1993	48.8		
Gross Beta	0707	3/31/1993	85.2		
Gross Beta	0716	4/1/1993	16		
Gross Beta	0718	4/1/1993	67.8		
Gross Beta	0722	2/6/1997	400.73		
Gross Beta	0718	2/7/1997	90.2	U	
Gross Beta	0707	2/9/1997	413.26		
Gross Beta	0716	2/9/1997	111.81		
Gross Beta	0722	5/13/1998	322.4		
Gross Beta	0716	5/14/1998	95.91		
Gross Beta	0707	5/15/1998	354.1		

ANALYTE	LOCATION_	DATE_	RESULT	LAB_	DATA_
	CODE	SAMPLED		QUALIFIERS	VALIDATION_
Gross Beta	0718	5/15/1988	60.19	U	
		Min	16		
		Max	423		
		Mean	223.4		
		N	21		
Iron	0707	9/8/1987	0.25		
Iron	0707	11/21/1987	3.07		
Iron	0707	2/20/1988	0.34		
Iron	0707	5/16/1988	0.25		
Iron	0707	9/1/1988	0.19		
Iron	0707	10/28/1988	0.2		
Iron	0707	4/25/1989	0.14		
Iron	0707	12/2/1989	0.21		
Iron	0707	4/1/1990	3.35		
Iron	0707	11/19/1990	0.24		
Iron	0707	3/12/1991	0.11		
Iron	0707	6/1/1991	0.14		
Iron	0707	10/25/1991	0.27		
Iron	0707	3/15/1992	0.04		
Iron	0707	8/8/1992	0.06		
Iron	0722	3/16/1993	1.07		
Iron	0707	3/31/1993	0.1		J
Iron	0716	4/1/1993	1.51		
Iron	0718	4/1/1993	0.98		
Iron	0716	2/16/1996	0.34		
Iron	0718	2/17/1996	0.23		
Iron	0707	2/18/1996	0.03	U	
Iron	0722	2/18/1996	0.03	U	
		Min	0.03		
		Max	3.35		
		Mean	0.57173913		
		N	23		
Lead	0707	9/8/1987	0.02		
Lead	0707	11/21/1987	0.01	U	
Lead	0707	2/20/1988	0.01		
Lead	0707	5/16/1988	0.01		
Lead	0707	9/1/1988	0.001	U	J
Lead	0707	10/28/1988	0.001	U	J
Lead	0707	4/25/1989	0.01	U	
Lead	0707	12/2/1989	0.01		
Lead	0707	4/1/1990	0.03		
Lead	0707	11/19/1990	0.01	U	
Lead	0707	3/12/1991	0.01	U	
Lead	0707	6/1/1991	0.005	U	
Lead	0707	10/25/1991	0.001		
Lead	0707	3/15/1992	0.005	U	
Lead	0707	8/8/1992	0.03	UI	
Lead	0722	3/16/1993	0.003	U	
Lead	0722	3/16/1993	0.003	UW	
Lead	0707	3/31/1993	0.003	UW	
Lead	0716	4/1/1993	0.01		
Lead	0718	4/1/1993	0.003	UW	
		Min	0.001		
		Max	0.03		
		Mean	0.00925		
		N	20		
Lead-210	0707	4/25/1989	4		
Lead-210	0707	12/2/1989	0.2		
Lead-210	0722	3/16/1993	0.6		
Lead-210	0707	3/31/1993	1.3		
Lead-210	0716	4/1/1993	0.3		
Lead-210	0718	4/1/1993	1.9		
Lead-210	0722	2/6/1997	2.21		
Lead-210	0718	2/7/1997	1.24	U	
Lead-210	0707	2/9/1997	1.17	U	
Lead-210	0716	2/9/1997	1.29	U	
Lead-210	0722	5/13/1998	1.03	U	
Lead-210	0716	5/14/1998	1.06	U	
Lead-210	0707	5/15/1998	1.44	U	
Lead-210	0718	5/15/1998	1.2	U	
		Min	0.2		
		Max	4		
		Mean	1.352857143		
		N	14		
Magnesium	0707	9/8/1987	189		

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	RESULT	LAB_ QUALIFIERS	DATA_ VALIDATION_ QUALIFIERS
Magnesium	0707	11/21/1987	180		
Magnesium	0707	2/20/1988	205		
Magnesium	0707	5/16/1988	203		
Magnesium	0707	9/1/1988	210		
Magnesium	0707	10/28/1988	195		
Magnesium	0707	4/25/1989	201		
Magnesium	0707	12/2/1989	179		
Magnesium	0707	4/1/1990	177		
Magnesium	0707	11/19/1990	194		
Magnesium	0707	3/12/1991	201		
Magnesium	0707	6/1/1991	207		
Magnesium	0707	10/25/1991	291		
Magnesium	0707	3/15/1992	232		
Magnesium	0707	8/8/1992	194		
Magnesium	0722	3/16/1993	61.5		
Magnesium	0707	3/31/1993	170		
Magnesium	0716	4/1/1993	39.7		
Magnesium	0718	4/1/1993	60.5		
Magnesium	0716	2/16/1996	63.7		
Magnesium	0718	2/17/1996	148		
Magnesium	0707	2/18/1996	246		
Magnesium	0722	2/18/1996	67		
Magnesium	0722	2/6/1997	62.9		
Magnesium	0718	2/7/1997	123		
Magnesium	0707	2/9/1997	202		
Magnesium	0716	2/9/1997	47.4		
Magnesium	0722	5/13/1998	56.3		
Magnesium	0716	5/14/1998	47.1		
Magnesium	0707	5/15/1998	190		
Magnesium	0718	5/15/1998	106		
		Min	39.7		
		Max	291		
		Mean	153.1967742		
		N	31		
Manganese	0707	9/8/1987	4.69		
Manganese	0707	11/21/1987	4.95		
Manganese	0707	2/20/1988	5.39		
Manganese	0707	5/16/1988	4.73		
Manganese	0707	9/1/1988	5.1		
Manganese	0707	10/28/1988	4.38		
Manganese	0707	4/25/1989	4.7		
Manganese	0707	12/2/1989	4.73		
Manganese	0707	4/1/1990	4.81		
Manganese	0707	11/19/1990	5.04		
Manganese	0707	3/12/1991	4.83		
Manganese	0707	6/1/1991	4.97		
Manganese	0707	10/25/1991	6.4		
Manganese	0707	3/15/1992	5.08		
Manganese	0707	8/8/1992	4.42		
Manganese	0722	3/16/1993	2.34		
Manganese	0707	3/31/1993	3.73		
Manganese	0716	4/1/1993	0.68		
Manganese	0718	4/1/1993	1.58		
Manganese	0716	1/9/1994	0.74		
Manganese	0718	1/9/1994	3.28		
Manganese	0722	1/10/1994	2.71		
Manganese	0716	2/16/1996	0.75		
Manganese	0718	2/17/1996	3.18		
Manganese	0707	2/18/1996	4.05		
Manganese	0722	2/18/1996	1.97		
Manganese	0722	2/6/1997	1.84		
Manganese	0718	2/7/1997	2.58		
Manganese	0707	2/9/1997	3.54		
Manganese	0716	2/9/1997	0.681		
Manganese	0722	5/13/1998	1.53		
Manganese	0716	5/14/1998	0.634		
Manganese	0707	5/15/1998	3.19		
Manganese	0718	5/15/1998	2.31		
Manganese	0718	5/5/1999	2.44		
Manganese	0722	5/5/1999	1.13		
Manganese	0707	5/6/1999	3.31		
Manganese	0716	5/6/1999	0.485		
Manganese	0707	5/9/2000	3		
Manganese	0722	5/9/2000	1.22		
Manganese	0718	5/10/2000	2.38		

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	RESULT	LAB_ QUALIFIERS	DATA_ VALIDATION_ QUALIFIERS
Manganese	0716	5/11/2000	0.773		
Manganese	0707	5/15/2001	2.4		
Manganese	0716	5/16/2001	0.699		
Manganese	0718	5/16/2001	2.13		
Manganese	0722	5/16/2001	1.06		
Manganese	0707	5/14/2002	1.9		F
Manganese	0716	5/14/2002	0.577		F
Manganese	0718	5/15/2002	1.62		F
Manganese	0722	5/15/2002	0.708		F
Manganese	0707	5/13/2003	1.8		F
Manganese	0716	5/14/2003	0.419		F
Manganese	0718	5/14/2003	1.29		F
Manganese	0722	5/14/2003	0.735		F
Manganese	0707	5/19/2004	1.9		F
Manganese	0716	5/20/2004	0.36		F
Manganese	0718	5/20/2004	2.2		F
Manganese	0722	5/20/2004	0.46		F
Manganese	0716	10/20/2004	0.57		F
Manganese	0718	10/20/2004	1.4		F
Manganese	0722	10/20/2004	0.19		F
Manganese	0707	10/21/2004	1.5		F
Manganese	0718	6/15/2005	2.3		F
Manganese	0707	6/16/2005	1.6		F
Manganese	0722	6/16/2005	2.2		F
Manganese	0716	6/17/2005	0.64		F
Manganese	0716	10/12/2005	0.598		F
Manganese	0707	10/13/2005	1.49		F
Manganese	0718	10/13/2005	1.26		F
Manganese	0707	6/14/2006	1.3		F
Manganese	0718	6/15/2006	2.2		F
Manganese	0716	6/15/2006	0.42		F
Manganese	0707	11/7/2006	1.2		F
Manganese	0716	11/7/2006	0.3		F
Manganese	0718	11/8/2006	1.2		F
Manganese	0716	6/5/2007	0.37		F
Manganese	0707	6/6/2007	1.1		F
Manganese	0718	6/7/2007	1.1		F
Manganese	0722R	6/7/2007	0.0033	B	F
Manganese	0718	11/13/2007	0.97		F
Manganese	0722R	11/13/2007	0.00018	B	UF
Manganese	0707	11/14/2007	0.91		F
Manganese	0716	11/14/2007	0.25		F
Manganese	0707	6/12/2008	0.95		F
Manganese	0716	6/12/2008	0.2		F
Manganese	0718	6/12/2008	0.93		F
Manganese	0722R	6/12/2008	0.0051		F
Manganese	0716	11/4/2008	0.28		F
Manganese	0707	11/5/2008	0.97		F
Manganese	0718	11/5/2008	0.94		F
Manganese	0722R	11/5/2008	0.00014	U	FJ
Manganese	0716	6/2/2009	0.34		F
Manganese	0707	6/3/2009	0.95		F
Manganese	0722R	6/3/2009	0.0031	B	F
Manganese	0718	6/4/2009	0.37		F
Manganese	0716	11/3/2009	0.21		F
Manganese	0718	11/3/2009	0.93		F
Manganese	0722R	11/3/2009	0.00013	B	JF
Manganese	0707	11/4/2009	0.9		F
Manganese	0716	6/23/2010	0.3		F
Manganese	0707	6/24/2010	2.3		F
Manganese	0718	6/24/2010	0.36		F
Manganese	0722R	6/24/2010	0.0017	B	F
Manganese	0707	9/15/2010	2.1		F
Manganese	0716	11/2/2010	0.376		F
Manganese	0718	11/2/2010	0.991		F
Manganese	0722R	11/2/2010	0.0208		F
Manganese	0707	11/3/2010	1.95		F
Manganese	0718	6/21/2011	0.35		F
Manganese	0707	6/22/2011	1.3		F
Manganese	0716	6/22/2011	0.23		F
Manganese	0722R	6/22/2011	0.002	B	F
		Min	0.00013		
		Max	6.4		
		Mean	1.730914732		
		N	112		

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Mercury	0707	9/8/1987	0.0002	U	
Mercury	0707	11/21/1987	0.0002	U	
Mercury	0707	2/20/1988	0.0002	U	
Mercury	0707	5/16/1988	0.0004		
Mercury	0707	9/1/1988	0.0001	U	J
Mercury	0707	10/28/1988	0.0001	U	J
Mercury	0707	4/25/1989	0.0002	U	
Mercury	0707	12/2/1989	0.0002	U	
Mercury	0707	4/1/1990	0.0002	U	
Mercury	0707	11/19/1990	0.0002	U	
Mercury	0707	3/12/1991	0.0002	U	
Mercury	0707	6/1/1991	0.0002	U	
Mercury	0707	10/25/1991	0.0002	U	
		Min	0.0001		
		Max	0.0004		
		Mean	0.0002		
		N	13		
Molybdenum	0707	9/8/1987	0.77		
Molybdenum	0707	11/21/1987	1.02		
Molybdenum	0707	2/20/1988	1		
Molybdenum	0707	5/16/1988	0.81		
Molybdenum	0707	9/1/1988	0.52		
Molybdenum	0707	10/28/1988	0.773		J
Molybdenum	0707	4/25/1989	0.7		
Molybdenum	0707	12/2/1989	0.76		
Molybdenum	0707	4/1/1990	0.7		
Molybdenum	0707	11/19/1990	0.83		
Molybdenum	0707	3/12/1991	0.68		
Molybdenum	0707	6/1/1991	0.68		
Molybdenum	0707	10/25/1991	0.96		
Molybdenum	0707	3/15/1992	0.86		
Molybdenum	0707	8/8/1992	0.79		
Molybdenum	0722	2/25/1993	0.139		
Molybdenum	0722	3/16/1993	0.12		
Molybdenum	0707	3/31/1993	0.74		
Molybdenum	0716	4/1/1993	0.26		
Molybdenum	0718	4/1/1993	0.12		
Molybdenum	0716	1/9/1994	0.24		
Molybdenum	0718	1/9/1994	0.15		
Molybdenum	0722	1/10/1994	0.11		
Molybdenum	0716	2/16/1996	0.21		
Molybdenum	0718	2/17/1996	0.14		
Molybdenum	0707	2/18/1996	1.08		
Molybdenum	0722	2/18/1996	0.11		
Molybdenum	0722	2/6/1997	0.105		
Molybdenum	0718	2/7/1997	0.128		
Molybdenum	0707	2/9/1997	1.42		
Molybdenum	0716	2/9/1997	0.217		
Molybdenum	0722	5/13/1998	0.0943		
Molybdenum	0716	5/14/1998	0.202		
Molybdenum	0707	5/15/1998	1.09		
Molybdenum	0718	5/15/1998	0.107		
Molybdenum	0718	5/5/1999	0.103		
Molybdenum	0722	5/5/1999	0.112		
Molybdenum	0707	5/6/1999	1.07		
Molybdenum	0716	5/6/1999	0.204		
Molybdenum	0707	5/9/2000	1.08	N	J
Molybdenum	0722	5/9/2000	0.105	N	J
Molybdenum	0718	5/10/2000	0.135	N	J
Molybdenum	0716	5/11/2000	0.191	N	J
Molybdenum	0707	5/15/2001	0.825		
Molybdenum	0716	5/16/2001	0.203		
Molybdenum	0718	5/16/2001	0.107		
Molybdenum	0722	5/16/2001	0.127		
Molybdenum	0707	5/14/2002	0.751		F
Molybdenum	0716	5/14/2002	0.187		F
Molybdenum	0718	5/15/2002	0.0998		F
Molybdenum	0722	5/15/2002	0.0955		F
Molybdenum	0707	5/13/2003	0.715		F
Molybdenum	0716	5/14/2003	0.182		F
Molybdenum	0718	5/14/2003	0.0885		F
Molybdenum	0722	5/14/2003	0.103		F
Molybdenum	0707	5/19/2004	0.73		FJ
Molybdenum	0716	5/20/2004	0.18		FJ
Molybdenum	0718	5/20/2004	0.094		FJ

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Molybdenum	0722	5/20/2004	0.095		FJ
Molybdenum	0716	10/20/2004	0.17		F
Molybdenum	0718	10/20/2004	0.13		F
Molybdenum	0722	10/20/2004	0.085		F
Molybdenum	0707	10/21/2004	0.73		F
Molybdenum	0718	6/15/2005	0.096		F
Molybdenum	0707	6/16/2005	0.72		F
Molybdenum	0722	6/16/2005	0.1		F
Molybdenum	0716	6/17/2005	0.19		F
Molybdenum	0716	10/12/2005	0.16		F
Molybdenum	0707	10/13/2005	0.745		F
Molybdenum	0718	10/13/2005	0.134		F
Molybdenum	0707	6/14/2006	0.77		F
Molybdenum	0718	6/15/2006	0.094		F
Molybdenum	0716	6/15/2006	0.19		F
Molybdenum	0707	11/7/2006	0.59		F
Molybdenum	0716	11/7/2006	0.13		F
Molybdenum	0718	11/8/2006	0.12		F
Molybdenum	0716	6/5/2007	0.17		F
Molybdenum	0707	6/6/2007	0.6		F
Molybdenum	0718	6/7/2007	0.091		F
Molybdenum	0722R	6/7/2007	0.053		F
Molybdenum	0718	11/13/2007	0.13		F
Molybdenum	0722R	11/13/2007	0.066		F
Molybdenum	0707	11/14/2007	0.59		F
Molybdenum	0716	11/14/2007	0.16		F
Molybdenum	0707	6/12/2008	0.66		F
Molybdenum	0716	6/12/2008	0.17		F
Molybdenum	0718	6/12/2008	0.084		F
Molybdenum	0722R	6/12/2008	0.078		F
Molybdenum	0716	11/4/2008	0.14		F
Molybdenum	0707	11/5/2008	0.58		F
Molybdenum	0718	11/5/2008	0.12		F
Molybdenum	0722R	11/5/2008	0.072		F
Molybdenum	0716	6/2/2009	0.17		F
Molybdenum	0707	6/3/2009	0.59		F
Molybdenum	0722R	6/3/2009	0.065		F
Molybdenum	0718	6/4/2009	0.073		F
Molybdenum	0716	11/3/2009	0.16		F
Molybdenum	0718	11/3/2009	0.12		F
Molybdenum	0722R	11/3/2009	0.072		F
Molybdenum	0707	11/4/2009	0.68		F
Molybdenum	0716	6/23/2010	0.14		F
Molybdenum	0707	6/24/2010	1.6		F
Molybdenum	0718	6/24/2010	0.055		F
Molybdenum	0722R	6/24/2010	0.11		F
Molybdenum	0707	9/15/2010	1.7		F
Molybdenum	0716	11/2/2010	0.152		F
Molybdenum	0718	11/2/2010	0.148		F
Molybdenum	0722R	11/2/2010	0.113		F
Molybdenum	0707	11/3/2010	1.48		F
Molybdenum	0718	6/21/2011	0.079		F
Molybdenum	0707	6/22/2011	1.4		F
Molybdenum	0716	6/22/2011	0.15		F
Molybdenum	0722R	6/22/2011	0.13		F
		Min	0.053		
		Max	1.7		
		Mean	0.392239823		
		N	113		
Nickel	0707	9/8/1987	0.1		
Nickel	0707	11/21/1987	0.11		
Nickel	0707	2/20/1988	0.21		
Nickel	0707	5/16/1988	0.17		
Nickel	0707	9/1/1988	0.1		
Nickel	0707	10/28/1988	0.08		
Nickel	0707	4/25/1989	0.12		
Nickel	0707	12/2/1989	0.04		
Nickel	0707	4/1/1990	0.17		
Nickel	0707	11/19/1990	0.23		
Nickel	0707	3/12/1991	0.22		
Nickel	0707	6/1/1991	0.22		
Nickel	0707	10/25/1991	0.28		
Nickel	0707	3/15/1992	0.24		
Nickel	0707	8/8/1992	0.2		
Nickel	0722	3/16/1993	0.06		
				U	

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	RESULT	LAB_ QUALIFIERS	DATA_ VALIDATION_ QUALIFIERS
Nickel	0707	3/31/1993	0.14		
Nickel	0716	4/1/1993	0.04	U	
Nickel	0718	4/1/1993	0.04		
Nickel	0716	1/9/1994	0.04	U	
Nickel	0718	1/9/1994	0.06		
Nickel	0722	1/10/1994	0.04	U	
Nickel	0716	2/16/1996	0.04	U	
Nickel	0718	2/17/1996	0.04	U	
Nickel	0707	2/18/1996	0.18		
Nickel	0722	2/18/1996	0.04	U	
Nickel	0722	2/6/1997	0.0128	B	
Nickel	0718	2/7/1997	0.0298	B	
Nickel	0707	2/9/1997	0.12		
Nickel	0716	2/9/1997	0.0081	B	
Nickel	0722	5/13/1998	0.0155	B	
Nickel	0716	5/14/1998	0.0113	B	
Nickel	0707	5/15/1998	0.0904		
Nickel	0718	5/15/1998	0.0379	B	
Nickel	0718	5/5/1999	0.0197	B	
Nickel	0722	5/5/1999	0.0254	B	
Nickel	0707	5/6/1999	0.089		
Nickel	0716	5/6/1999	0.0118	B	
Nickel	0707	5/9/2000	0.0874		
Nickel	0722	5/9/2000	0.0107	U	
Nickel	0718	5/10/2000	0.0316	B	
Nickel	0716	5/11/2000	0.0107	U	
Nickel	0707	5/15/2001	0.0632		
Nickel	0716	5/16/2001	0.008	B	
Nickel	0718	5/16/2001	0.0295	B	
Nickel	0722	5/16/2001	0.0096	B	
Nickel	0707	5/14/2002	0.039	B	F
Nickel	0716	5/14/2002	0.007	B	F
Nickel	0718	5/15/2002	0.0254	B	F
Nickel	0722	5/15/2002	0.0082	B	F
Nickel	0707	5/13/2003	0.0527		F
Nickel	0716	5/14/2003	0.0062	B	F
Nickel	0718	5/14/2003	0.0252	B	F
Nickel	0722	5/14/2003	0.0106	B	F
		Min	0.0062		
		Max	0.28		
		Mean	0.07605		
		N	54		
Nitrate as NO3	0707	9/8/1987	0.9		J
Nitrate as NO3	0707	11/21/1987	0.3		J
Nitrate as NO3	0707	2/20/1988	0.1	U	J
Nitrate as NO3	0707	5/16/1988	2.2		
Nitrate as NO3	0707	9/1/1988	8.4		
Nitrate as NO3	0707	10/28/1988	0.4		J
Nitrate as NO3	0707	4/25/1989	3.5		
Nitrate as NO3	0707	12/2/1989	0.1	U	J
Nitrate as NO3	0707	4/1/1990	0.1	U	J
Nitrate as NO3	0707	11/19/1990	1	U	
Nitrate as NO3	0707	3/12/1991	1.3		
Nitrate as NO3	0707	6/1/1991	0.1	U	
Nitrate as NO3	0707	3/15/1992	1	U	
Nitrate as NO3	0707	8/8/1992	1		
Nitrate as NO3	0722	3/16/1993	1	U	
Nitrate as NO3	0707	3/31/1993	1	U	
Nitrate as NO3	0716	4/1/1993	1	U	
Nitrate as NO3	0718	4/1/1993	1	U	
Nitrate as NO3	0722	2/6/1997	0.14		
Nitrate as NO3	0718	2/7/1997	0.0478	B	
Nitrate as NO3	0707	2/9/1997	0.0338	B	
Nitrate as NO3	0716	2/9/1997	0.0418	B	
Nitrate as NO3	0722	5/13/1998	3.47		
Nitrate as NO3	0716	5/14/1998	0.0847	B	U
Nitrate as NO3	0707	5/15/1998	0.0826	B	U
Nitrate as NO3	0718	5/15/1998	0.327	B	
		Min	0.0338		
		Max	8.4		
		Mean	1.101065385		
		N	26		
Nitrite	0707	9/8/1987	0.1	U	
Nitrite	0707	11/21/1987	0.1	U	
		Min	0.1		

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		Max	0.1		
		Mean	0.1		
		N	2		
Phosphate	0707	9/8/1987	1.8		
Phosphate	0707	11/21/1987	0.6		
Phosphate	0707	2/20/1988	0.1	U	
Phosphate	0707	5/16/1988	0.1	U	
Phosphate	0707	9/1/1988	0.1		
Phosphate	0707	10/28/1988	0.1		
Phosphate	0707	4/25/1989	0.1	U	
Phosphate	0707	12/2/1989	0.1	U	
Phosphate	0722	3/16/1993	0.1		
Phosphate	0707	3/31/1993	0.1	U	
Phosphate	0716	4/1/1993	0.1	U	
Phosphate	0718	4/1/1993	0.1		
		Min	0.1		
		Max	1.8		
		Mean	0.283333333		
		N	12		
Polonium-210	0707	4/25/1989	0.1		
Polonium-210	0707	12/2/1989	2.4		
Polonium-210	0722	3/16/1993	0		
Polonium-210	0707	3/31/1993	0.2		
Polonium-210	0716	4/1/1993	0.5		
Polonium-210	0718	4/1/1993	0.8		
Polonium-210	0722	2/6/1997	0.12	U	
Polonium-210	0718	2/7/1997	0.21		U
Polonium-210	0707	2/9/1997	0.36		
Polonium-210	0716	2/9/1997	0.15		U
Polonium-210	0722	5/13/1998	0.08	U	
Polonium-210	0716	5/14/1998	0.07	U	
Polonium-210	0707	5/15/1998	0.13		U
Polonium-210	0718	5/15/1998	0.17	U	
		Min	0		
		Max	2.4		
		Mean	0.377857143		
		N	14		
Potassium	0707	9/8/1987	16		
Potassium	0707	11/21/1987	14.9		
Potassium	0707	2/20/1988	13.6		
Potassium	0707	5/16/1988	15.6		
Potassium	0707	9/1/1988	15		
Potassium	0707	10/28/1988	14.8		
Potassium	0707	4/25/1989	12		
Potassium	0707	12/2/1989	14.3		
Potassium	0707	4/1/1990	13.3		
Potassium	0707	11/19/1990	15.2		
Potassium	0707	3/12/1991	10.4		
Potassium	0707	6/1/1991	13		
Potassium	0707	10/25/1991	18		
Potassium	0707	3/15/1992	14.4		
Potassium	0707	8/8/1992	14.6		
Potassium	0722	3/16/1993	12.2		
Potassium	0707	3/31/1993	12.9		
Potassium	0716	4/1/1993	5.2		
Potassium	0718	4/1/1993	10		
Potassium	0716	2/16/1996	5		
Potassium	0718	2/17/1996	12		
Potassium	0707	2/18/1996	15		
Potassium	0722	2/18/1996	9.4		
Potassium	0722	2/6/1997	10.9		
Potassium	0718	2/7/1997	12.3		
Potassium	0707	2/9/1997	15.6		
Potassium	0716	2/9/1997	5.3		
Potassium	0722	5/13/1998	10.5		
Potassium	0716	5/14/1998	5.2		
Potassium	0707	5/15/1998	14.9		
Potassium	0718	5/15/1998	11.2		
		Min	5		
		Max	18		
		Mean	12.34516129		
		N	31		
Radium-226	0707	5/16/1988	0		
Radium-226	0707	9/1/1988	0.41		
Radium-226	0707	10/28/1988	0		

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	RESULT	LAB_ QUALIFIERS	DATA_ VALIDATION_ QUALIFIERS
Radium-226	0707	4/25/1989	0.1		
Radium-226	0707	12/2/1989	0.1		
Radium-226	0707	4/1/1990	0.4		
Radium-226	0707	11/19/1990	0.2		
Radium-226	0707	3/12/1991	0.1		
Radium-226	0707	6/1/1991	0.2		
Radium-226	0707	10/25/1991	0.1		
Radium-226	0707	3/15/1992	0.1		
Radium-226	0707	8/8/1992	2.2		
Radium-226	0722	3/16/1993	0.1		
Radium-226	0707	3/31/1993	1.2		
Radium-226	0716	4/1/1993	0.4		
Radium-226	0718	4/1/1993	0		
		Min	0		
		Max	2.2		
		Mean	0.350625		
		N	16		
Radium-228	0707	5/16/1988	0.3		
Radium-228	0707	9/1/1988	12.8		
Radium-228	0707	10/28/1988	0.223		
Radium-228	0707	4/25/1989	1		
Radium-228	0707	12/2/1989	1.3		
Radium-228	0707	4/1/1990	1.2		
Radium-228	0707	11/19/1990	2.5		
Radium-228	0707	3/12/1991	1		
Radium-228	0707	6/1/1991	0		
Radium-228	0707	10/25/1991	1		
Radium-228	0707	3/15/1992	1.7		
Radium-228	0707	8/8/1992	0.3		
Radium-228	0722	3/16/1993	0.9		
Radium-228	0707	3/31/1993	1.6		
Radium-228	0716	4/1/1993	2.8		
Radium-228	0718	4/1/1993	2.1		
		Min	0		
		Max	12.8		
		Mean	1.9201875		
		N	16		
Selenium	0707	9/8/1987	0.002		J
Selenium	0707	11/21/1987	0.079		J
Selenium	0707	2/20/1988	0.043		
Selenium	0707	5/16/1988	0.064		
Selenium	0707	9/1/1988	0.001	U	
Selenium	0707	10/28/1988	0.001		J
Selenium	0707	4/25/1989	0.005	U	
Selenium	0707	12/2/1989	0.074		
Selenium	0707	4/1/1990	0.005	U	
Selenium	0707	11/19/1990	0.005	U	
Selenium	0707	3/12/1991	0.03	UI	
Selenium	0707	6/1/1991	0.03	UI	
Selenium	0707	10/25/1991	0.002	U	
Selenium	0722	2/25/1993	0.005	UNW	
Selenium	0722	3/16/1993	0.05	UI	
Selenium	0707	3/31/1993	0.005	U	
Selenium	0716	4/1/1993	0.005	U	
Selenium	0718	4/1/1993	0.005	UW	
Selenium	0716	2/16/1996	0.005	U	
Selenium	0718	2/17/1996	0.005	UI	
Selenium	0707	2/18/1996	0.007	IW	J
Selenium	0722	2/18/1996	0.005	UI	
		Min	0.001		
		Max	0.079		
		Mean	0.019681818		
		N	22		
Silica	0707	4/25/1989	26		
Silica	0707	12/2/1989	30		
Silica	0722	3/16/1993	17.6		
Silica	0707	3/31/1993	27.9		
Silica	0716	4/1/1993	31.1		
Silica	0718	4/1/1993	33.8		
		Min	17.6		
		Max	33.8		
		Mean	27.73333333		
		N	6		
Silver	0707	9/8/1987	0.01	U	
Silver	0707	11/21/1987	0.02		

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	RESULT	LAB_ QUALIFIERS	DATA_ VALIDATION_ QUALIFIERS
Silver	0707	2/20/1988	0.03		
Silver	0707	5/16/1988	0.01	U	
Silver	0707	9/1/1988	0.01	U	
Silver	0707	10/28/1988	0.01	U	
Silver	0707	4/25/1989	0.01	U	
Silver	0707	12/2/1989	0.01	U	
Silver	0707	4/1/1990	0.01	U	
Silver	0707	11/19/1990	0.01	U	
Silver	0707	3/12/1991	0.01	U	
Silver	0707	6/1/1991	0.01	U	
Silver	0707	10/25/1991	0.01	U	
Silver	0707	3/15/1992	0.01	U	
Silver	0707	8/8/1992	0.01	U	
		Min	0.01		
		Max	0.03		
		Mean	0.012		
		N	15		
Sodium	0707	9/8/1987	1240		
Sodium	0707	11/21/1987	897		
Sodium	0707	2/20/1988	912		
Sodium	0707	5/16/1988	904		
Sodium	0707	9/1/1988	950		
Sodium	0707	10/28/1988	850		
Sodium	0707	4/25/1989	830		
Sodium	0707	12/2/1989	722		
Sodium	0707	4/1/1990	645		
Sodium	0707	11/19/1990	782		
Sodium	0707	3/12/1991	714		
Sodium	0707	6/1/1991	721		
Sodium	0707	10/25/1991	1360		
Sodium	0707	3/15/1992	1160		
Sodium	0707	8/8/1992	861		
Sodium	0722	3/16/1993	353		
Sodium	0707	3/31/1993	688		
Sodium	0716	4/1/1993	187		
Sodium	0718	4/1/1993	593		
Sodium	0716	2/16/1996	208		
Sodium	0718	2/17/1996	940		
Sodium	0707	2/18/1996	1340		
Sodium	0722	2/18/1996	264		
Sodium	0722	2/6/1997	224		
Sodium	0718	2/7/1997	712		
Sodium	0707	2/9/1997	1070		
Sodium	0716	2/9/1997	185		
Sodium	0722	5/13/1998	206	E	
Sodium	0716	5/14/1998	187		
Sodium	0707	5/15/1998	936		
Sodium	0718	5/15/1998	673		
		Min	185		
		Max	1360		
		Mean	719.8064516		
		N	31		
Strontium	0707	9/8/1987	2.47		
Strontium	0707	11/21/1987	1.8		
Strontium	0707	2/20/1988	2.21		
Strontium	0707	5/16/1988	2.1		J
Strontium	0707	9/1/1988	2.6		
Strontium	0707	10/28/1988	2.45		
Strontium	0707	4/25/1989	2.26		
Strontium	0707	12/2/1989	2.18		
Strontium	0707	11/19/1990	2.6		
Strontium	0707	3/12/1991	2.47		
Strontium	0707	6/1/1991	2.51		
Strontium	0707	10/25/1991	3.4		
Strontium	0707	3/15/1992	13		
Strontium	0707	8/8/1992	2.43		
Strontium	0722	3/16/1993	1.49		
Strontium	0707	3/31/1993	2.22		
Strontium	0716	4/1/1993	0.86		
Strontium	0718	4/1/1993	1.29		
		Min	0.86		
		Max	13		
		Mean	2.796666667		
		N	18		
Sulfate	0707	9/8/1987	3500		

ANALYTE	LOCATION_	DATE_	RESULT	LAB_	DATA_
	CODE	SAMPLED		QUALIFIERS	VALIDATION_
Sulfate	0707	11/21/1987	2950		
Sulfate	0707	2/20/1988	3050		
Sulfate	0707	5/16/1988	3240		
Sulfate	0707	9/1/1988	3149		
Sulfate	0707	10/28/1988	2999		
Sulfate	0707	4/25/1989	3020		
Sulfate	0707	12/2/1989	2870	H	
Sulfate	0707	4/1/1990	2880		
Sulfate	0707	11/19/1990	2760		
Sulfate	0707	3/12/1991	2890		
Sulfate	0707	6/1/1991	2910		
Sulfate	0707	10/25/1991	4430		
Sulfate	0707	3/15/1992	3810		
Sulfate	0707	8/8/1992	3210		
Sulfate	0722	2/25/1993	1780		
Sulfate	0722	3/16/1993	1750		
Sulfate	0707	3/31/1993	2970		
Sulfate	0716	4/1/1993	674		
Sulfate	0718	4/1/1993	1830		
Sulfate	0716	1/9/1994	775		
Sulfate	0718	1/9/1994	2480		
Sulfate	0722	1/10/1994	1720		
Sulfate	0716	2/16/1996	845	I	
Sulfate	0718	2/17/1996	2960	I	
Sulfate	0707	2/18/1996	4410	I	
Sulfate	0722	2/18/1996	1880	I	
Sulfate	0722	2/6/1997	1540		
Sulfate	0718	2/7/1997	2400		
Sulfate	0707	2/9/1997	3640		
Sulfate	0716	2/9/1997	662		
Sulfate	0722	5/13/1998	677		
Sulfate	0716	5/14/1998	667		
Sulfate	0707	5/15/1998	3090		
Sulfate	0718	5/15/1998	1980		
Sulfate	0718	5/5/1999	2380		
Sulfate	0722	5/5/1999	1650		
Sulfate	0707	5/6/1999	3550		
Sulfate	0716	5/6/1999	849		
Sulfate	0707	5/9/2000	3790		
Sulfate	0722	5/9/2000	1330		
Sulfate	0718	5/10/2000	2730		
Sulfate	0716	5/11/2000	850		
Sulfate	0707	5/15/2001	1970	N	J
Sulfate	0716	5/16/2001	423	N	J
Sulfate	0718	5/16/2001	1130	N	J
Sulfate	0722	5/16/2001	890	N	J
Sulfate	0707	5/14/2002	2560		F
Sulfate	0716	5/14/2002	685		F
Sulfate	0718	5/15/2002	2140		F
Sulfate	0722	5/15/2002	1220		F
Sulfate	0707	5/13/2003	2800		F
Sulfate	0716	5/14/2003	613		F
Sulfate	0718	5/14/2003	1940		F
Sulfate	0722	5/14/2003	1520		F
Sulfate	0707	5/19/2004	2500		F
Sulfate	0716	5/20/2004	510		F
Sulfate	0718	5/20/2004	1800		F
Sulfate	0722	5/20/2004	1000		F
Sulfate	0716	10/20/2004	530		F
Sulfate	0718	10/20/2004	2100		F
Sulfate	0722	10/20/2004	430		F
Sulfate	0707	10/21/2004	2600		F
Sulfate	0718	6/15/2005	1800		F
Sulfate	0707	6/16/2005	2300		F
Sulfate	0722	6/16/2005	1000		F
Sulfate	0716	6/17/2005	420		F
Sulfate	0716	10/12/2005	466		F
Sulfate	0707	10/13/2005	2210		F
Sulfate	0718	10/13/2005	2060		F
Sulfate	0707	6/14/2006	2200		F
Sulfate	0718	6/15/2006	1800		F
Sulfate	0716	6/15/2006	400		F
Sulfate	0707	11/7/2006	2000		F
Sulfate	0716	11/7/2006	440		F
Sulfate	0718	11/8/2006	1900		F

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	RESULT	LAB_ QUALIFIERS	DATA_ VALIDATION_ QUALIFIERS
Sulfate	0716	6/5/2007	370		F
Sulfate	0707	6/6/2007	2000		F
Sulfate	0718	6/7/2007	1700		F
Sulfate	0722R	6/7/2007	520		F
Sulfate	0718	11/13/2007	1800		F
Sulfate	0722R	11/13/2007	230		F
Sulfate	0707	11/14/2007	1700		F
Sulfate	0716	11/14/2007	370		F
Sulfate	0707	6/12/2008	1800		F
Sulfate	0716	6/12/2008	330		F
Sulfate	0718	6/12/2008	1600		F
Sulfate	0722R	6/12/2008	810		F
Sulfate	0716	11/4/2008	340		F
Sulfate	0707	11/5/2008	1900		F
Sulfate	0718	11/5/2008	1800		F
Sulfate	0722R	11/5/2008	280		F
Sulfate	0716	6/2/2009	290		F
Sulfate	0707	6/3/2009	1800		F
Sulfate	0722R	6/3/2009	870		F
Sulfate	0718	6/4/2009	1500		F
Sulfate	0716	11/3/2009	350		F
Sulfate	0718	11/3/2009	2200		F
Sulfate	0722R	11/3/2009	610		F
Sulfate	0707	11/4/2009	1900		F
Sulfate	0716	6/23/2010	370		F
Sulfate	0707	6/24/2010	7000		F
Sulfate	0718	6/24/2010	1800		F
Sulfate	0722R	6/24/2010	790		F
Sulfate	0707	9/15/2010	4900		F
Sulfate	0716	11/2/2010	410		F
Sulfate	0718	11/2/2010	3050		F
Sulfate	0722R	11/2/2010	1110		F
Sulfate	0707	11/3/2010	4230		F
Sulfate	0718	6/21/2011	2700		F
Sulfate	0707	6/22/2011	3600		F
Sulfate	0716	6/22/2011	480		F
Sulfate	0722R	6/22/2011	860		F
		Min	230		
		Max	7000		
		Mean	1860.654867		
		N	113		
Sulfide	0707	4/25/1989	0.1	U	
Sulfide	0707	12/2/1989	4	U	
Sulfide	0707	4/1/1990	0.1	U	
Sulfide	0707	11/19/1990	0.1	U	J
Sulfide	0707	3/12/1991	0.1	U	
Sulfide	0707	6/1/1991	1	UI	
Sulfide	0707	10/25/1991	0.1	U	
		Min	0.1		
		Max	4		
		Mean	0.785714286		
		N	7		
Thallium	0707	12/2/1989	0.01	U	
Thallium	0707	4/1/1990	0.01	U	
Thallium	0707	11/19/1990	0.01	U	
Thallium	0707	3/12/1991	0.01	U	
Thallium	0707	6/1/1991	0.01	U	
		Min	0.01		
		Max	0.01		
		Mean	0.01		
		N	5		
Thorium-230	0707	11/21/1987	0.2		
Thorium-230	0707	10/28/1988	6.82		
Thorium-230	0707	4/25/1989	0.9		
Thorium-230	0707	12/2/1989	0		J
Thorium-230	0722	3/16/1993	0.3		
Thorium-230	0707	3/31/1993	0.7		
Thorium-230	0716	4/1/1993	0.8		
Thorium-230	0718	4/1/1993	0.8		
Thorium-230	0722	2/6/1997	0.64	UN	J
Thorium-230	0718	2/7/1997	0.64	U	
Thorium-230	0707	2/9/1997	0.64	U	
Thorium-230	0716	2/9/1997	0.64	UN	J
Thorium-230	0722	5/13/1998	4.5		U
Thorium-230	0716	5/14/1998	0.8	U	

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	RESULT	LAB_ QUALIFIERS	DATA_ VALIDATION_ QUALIFIERS
Thorium-230	0707	5/15/1998	0.8	U	
Thorium-230	0718	5/15/1998	0.8	U	
		Min	0		
		Max	6.82		
		Mean	1.24875		
		N	16		
Tin	0707	4/25/1989	0.005	U	
Tin	0707	12/2/1989	0.34		
Tin	0707	4/1/1990	0.005	U	
Tin	0707	11/19/1990	0.005	U	
Tin	0707	3/12/1991	0.03	UI	
Tin	0707	6/1/1991	0.01	UI	
Tin	0707	10/25/1991	0.005	U	
		Min	0.005		
		Max	0.34		
		Mean	0.057142857		
		N	7		
Total Cyanide	0707	4/25/1989	0.01	U	
Total Cyanide	0707	12/2/1989	0.01	U	
Total Cyanide	0707	4/1/1990	0.01	U	J
Total Cyanide	0707	11/19/1990	0.01	U	
Total Cyanide	0707	3/12/1991	0.01	U	
		Min	0.01		
		Max	0.01		
		Mean	0.01		
		N	5		
Total Organic Carbon	0707	4/25/1989	12		
Total Organic Carbon	0707	12/2/1989	8.4		
Total Organic Carbon	0707	6/1/1991	7		
Total Organic Carbon	0707	10/25/1991	20		
Total Organic Carbon	0722	3/16/1993	3		
Total Organic Carbon	0707	3/31/1993	12		
Total Organic Carbon	0716	4/1/1993	3		
Total Organic Carbon	0718	4/1/1993	10		
Total Organic Carbon	0716	1/9/1994	6		
Total Organic Carbon	0718	1/9/1994	20		
Total Organic Carbon	0722	1/10/1994	18		
		Min	3		
		Max	20		
		Mean	10.85454545		
		N	11		
Uranium	0707	9/8/1987	1.58		
Uranium	0707	11/21/1987	1.35		
Uranium	0707	2/20/1988	1.66		
Uranium	0707	5/16/1988	1.39		
Uranium	0707	9/1/1988	1.094		
Uranium	0707	10/28/1988	0.719		
Uranium	0707	4/25/1989	1.37		
Uranium	0707	12/2/1989	1.21		
Uranium	0707	4/1/1990	0.974		
Uranium	0707	11/19/1990	1		J
Uranium	0707	3/12/1991	0.729		
Uranium	0707	6/1/1991	1.02		
Uranium	0707	10/25/1991	1.97		
Uranium	0707	3/15/1992	1.22		
Uranium	0707	8/8/1992	1.08		
Uranium	0722	2/25/1993	1.54		
Uranium	0722	2/25/1993	1.57		
Uranium	0722	3/16/1993	1.39		
Uranium	0707	3/31/1993	1.01		
Uranium	0716	4/1/1993	0.702		
Uranium	0718	4/1/1993	0.195		
Uranium	0716	1/9/1994	0.718		
Uranium	0718	1/9/1994	0.328		
Uranium	0722	1/10/1994	1.57		
Uranium	0716	2/16/1996	0.669		
Uranium	0718	2/17/1996	0.549		
Uranium	0707	2/18/1996	1.97		
Uranium	0722	2/18/1996	1.88		
Uranium	0722	2/6/1997	1.62		
Uranium	0718	2/7/1997	0.343		
Uranium	0707	2/9/1997	1.55		
Uranium	0716	2/9/1997	0.513		
Uranium	0722	5/13/1998	1.44		
Uranium	0716	5/14/1998	0.502		

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	RESULT	LAB_ QUALIFIERS	DATA_ VALIDATION_ QUALIFIERS
Uranium	0707	5/15/1998	1.41		
Uranium	0718	5/15/1998	0.308		
Uranium	0718	5/5/1999	0.296		
Uranium	0722	5/5/1999	1.37		
Uranium	0707	5/6/1999	1.39		
Uranium	0716	5/6/1999	0.458		
Uranium	0707	5/9/2000	1.41		
Uranium	0722	5/9/2000	1.03		
Uranium	0718	5/10/2000	0.378		
Uranium	0716	5/11/2000	0.595		
Uranium	0707	5/15/2001	0.895		
Uranium	0716	5/16/2001	0.533		
Uranium	0718	5/16/2001	0.249		
Uranium	0722	5/16/2001	1.01		
Uranium	0707	5/14/2002	0.809		F
Uranium	0716	5/14/2002	0.408		F
Uranium	0718	5/15/2002	0.197		F
Uranium	0722	5/15/2002	0.915		F
Uranium	0707	5/13/2003	1.12		F
Uranium	0716	5/14/2003	0.352		F
Uranium	0718	5/14/2003	0.217		F
Uranium	0722	5/14/2003	1.12		F
Uranium	0707	5/19/2004	0.97		F
Uranium	0716	5/20/2004	0.32		F
Uranium	0718	5/20/2004	0.21		F
Uranium	0722	5/20/2004	0.87		F
Uranium	0716	10/20/2004	0.34		F
Uranium	0718	10/20/2004	0.25		F
Uranium	0722	10/20/2004	0.41		F
Uranium	0707	10/21/2004	0.9		F
Uranium	0718	6/15/2005	0.22		F
Uranium	0707	6/16/2005	0.88		F
Uranium	0722	6/16/2005	0.77		F
Uranium	0716	6/17/2005	0.24		F
Uranium	0716	10/12/2005	0.3		F
Uranium	0707	10/13/2005	0.808		F
Uranium	0718	10/13/2005	0.256		F
Uranium	0707	6/14/2006	0.81		F
Uranium	0718	6/15/2006	0.19		F
Uranium	0716	6/15/2006	0.26		F
Uranium	0707	11/7/2006	0.7		F
Uranium	0716	11/7/2006	0.28		F
Uranium	0718	11/8/2006	0.25		F
Uranium	0716	6/5/2007	0.23		F
Uranium	0707	6/6/2007	0.67		F
Uranium	0718	6/7/2007	0.2		F
Uranium	0722R	6/7/2007	0.4		F
Uranium	0718	11/13/2007	0.21		F
Uranium	0722R	11/13/2007	0.25		F
Uranium	0707	11/14/2007	0.63		F
Uranium	0716	11/14/2007	0.27		F
Uranium	0707	6/12/2008	0.76		F
Uranium	0716	6/12/2008	0.22		F
Uranium	0718	6/12/2008	0.19		F
Uranium	0722R	6/12/2008	0.59		F
Uranium	0716	11/4/2008	0.23		F
Uranium	0707	11/5/2008	0.69		F
Uranium	0718	11/5/2008	0.21		F
Uranium	0722R	11/5/2008	0.29		F
Uranium	0716	6/2/2009	0.19		F
Uranium	0707	6/3/2009	0.74		F
Uranium	0722R	6/3/2009	0.7		F
Uranium	0718	6/4/2009	0.19		F
Uranium	0716	11/3/2009	0.24		F
Uranium	0718	11/3/2009	0.24		F
Uranium	0722R	11/3/2009	0.45		F
Uranium	0707	11/4/2009	0.84		F
Uranium	0716	6/23/2010	0.21		F
Uranium	0707	6/24/2010	2.7		F
Uranium	0718	6/24/2010	0.19		F
Uranium	0722R	6/24/2010	0.54		F
Uranium	0707	9/15/2010	1.5		F
Uranium	0716	11/2/2010	0.29		F
Uranium	0718	11/2/2010	0.297		F
Uranium	0722R	11/2/2010	0.759		F

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	RESULT	LAB_ QUALIFIERS	DATA_ VALIDATION_ QUALIFIERS
Uranium	0707	11/3/2010	1.78		F
Uranium	0718	6/21/2011	0.22		F
Uranium	0707	6/22/2011	1.6		F
Uranium	0716	6/22/2011	0.41		F
Uranium	0722R	6/22/2011	0.62		F
		Min	0.19		
		Max	2.7		
		Mean	0.753289474		
		N	114		
Vanadium	0707	9/8/1987	0.06		
Vanadium	0707	11/21/1987	0.06		
Vanadium	0707	2/20/1988	0.07		
Vanadium	0707	5/16/1988	0.06		
Vanadium	0707	9/1/1988	0.01	U	
Vanadium	0707	10/28/1988	0.01	U	
Vanadium	0707	4/25/1989	0.01	U	
Vanadium	0707	12/2/1989	0.01		
Vanadium	0707	4/1/1990	0.02		
Vanadium	0707	11/19/1990	0.01		
Vanadium	0707	3/12/1991	0.01	U	
Vanadium	0707	6/1/1991	0.01	U	
Vanadium	0707	10/25/1991	0.14		
Vanadium	0707	3/15/1992	0.05	UI	
Vanadium	0707	8/8/1992	0.01		
Vanadium	0722	3/16/1993	0.01	U	
Vanadium	0707	3/31/1993	0.01	U	
Vanadium	0716	4/1/1993	0.01	U	
Vanadium	0718	4/1/1993	0.01	U	
Vanadium	0716	1/9/1994	0.01	U	
Vanadium	0718	1/9/1994	0.01	U	
Vanadium	0722	1/10/1994	0.01	U	
Vanadium	0716	2/16/1996	0.01	U	
Vanadium	0718	2/17/1996	0.01	U	
Vanadium	0707	2/18/1996	0.01	U	
Vanadium	0722	2/18/1996	0.01	U	
Vanadium	0722	2/6/1997	0.004	U	
Vanadium	0718	2/7/1997	0.004	U	
Vanadium	0707	2/9/1997	0.004	U	
Vanadium	0716	2/9/1997	0.004	U	
Vanadium	0722	5/13/1998	0.001	U	
Vanadium	0716	5/14/1998	0.001	U	
Vanadium	0707	5/15/1998	0.001	U	
Vanadium	0718	5/15/1998	0.001	U	
		Min	0.001		
		Max	0.14		
		Mean	0.019705882		
		N	34		
Zinc	0707	9/8/1987	0.019		
Zinc	0707	11/21/1987	0.005	U	
Zinc	0707	2/20/1988	0.005	U	
Zinc	0707	5/16/1988	0.013		
Zinc	0707	9/1/1988	0.01	U	
Zinc	0707	10/28/1988	0.01	U	
Zinc	0707	4/25/1989	0.005	U	
Zinc	0707	12/2/1989	0.018		
Zinc	0707	4/1/1990	0.068		
Zinc	0707	11/19/1990	0.01		
Zinc	0707	3/12/1991	0.005	U	
Zinc	0707	6/1/1991	0.015		
Zinc	0707	10/25/1991	0.005	U	
Zinc	0707	3/15/1992	0.03	UI	
Zinc	0707	8/8/1992	0.005	U	
Zinc	0722	3/16/1993	0.014		
Zinc	0707	3/31/1993	0.011		
Zinc	0716	4/1/1993	0.017		
Zinc	0718	4/1/1993	0.014		
		Min	0.005		
		Max	0.068		
		Mean	0.014684211		
		N	19		

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Background Concentrations

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Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Aluminum	0710	5/26/1985	0.1	
Aluminum	0710	3/13/1991	0.05	
Aluminum	0710	6/1/1991	0.05	
Aluminum	0710	10/23/1991	0.09	
Aluminum	0710	3/12/1992	0.05	
Aluminum	0710	8/6/1992	0.05	
Aluminum	0710	3/11/1993	0.05	
Aluminum	0710	2/16/1996	0.05	
Aluminum	0711	5/26/1985	0.1	
Aluminum	0711	11/21/1987	0.2	
Aluminum	0711	5/16/1988	0.13	
Aluminum	0711	9/1/1988	0.05	
Aluminum	0711	10/26/1988	0.05	
Aluminum	0711	4/26/1989	0.1	
Aluminum	0711	11/21/1989	0.1	
Aluminum	0711	11/15/1990	0.1	
Aluminum	0711	3/27/1991	0.05	
Aluminum	0711	6/1/1991	0.05	
Aluminum	0711	10/23/1991	0.19	
Aluminum	0711	3/12/1992	0.05	
Aluminum	0711	8/7/1992	0.05	
Aluminum	0711	3/18/1993	0.05	
Aluminum	0712	3/30/1993	0.05	
Aluminum	0713	5/25/1985	0.1	
Aluminum	0714	5/25/1985	0.1	
Aluminum	0710	3/11/1993	0.14	
Aluminum	0710	7/14/1995	0.05	
Aluminum	0711	11/15/1990	0.1	
Aluminum	0711	3/18/1993	0.05	
Aluminum	0711	7/14/1995	0.05	U
Aluminum	0712	3/30/1993	0.17	U
		Mean	0.0829	
		Max	0.2	
Ammonia Total as N	0710	5/26/1985	0.1	
Ammonia Total as N	0711	5/26/1985	0.1	
Ammonia Total as N	0711	11/21/1987	1.4	
Ammonia Total as N	0711	5/16/1988	0.1	
Ammonia Total as N	0711	9/1/1988	0.4	
Ammonia Total as N	0711	10/26/1988	0.18	
Ammonia Total as N	0711	4/26/1989	0.1	
Ammonia Total as N	0711	11/21/1989	0.1	
Ammonia Total as N	0712	5/25/1985	0.1	
Ammonia Total as N	0713	5/25/1985	0.1	
Ammonia Total as N	0714	5/25/1985	0.1	
Ammonia Total as N	0710	3/11/1993	0.1	U
Ammonia Total as N	0711	3/18/1993	0.1	U
Ammonia Total as N	0712	3/30/1993	0.1	U
		Mean	0.22	
		Max	1.4	
Antimony	0710	5/26/1985	0.003	
Antimony	0710	3/13/1991	0.003	

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Antimony	0710	6/1/1991	0.003	
Antimony	0710	10/23/1991	0.003	
Antimony	0710	3/12/1992	0.003	
Antimony	0710	8/6/1992	0.003	
Antimony	0711	5/26/1985	0.003	
Antimony	0711	11/21/1987	0.002	
Antimony	0711	5/16/1988	0.003	
Antimony	0711	9/1/1988	0.001	
Antimony	0711	10/26/1988	0.001	
Antimony	0711	4/26/1989	0.003	
Antimony	0711	11/21/1989	0.003	
Antimony	0711	3/30/1990	0.003	
Antimony	0711	11/15/1990	0.003	
Antimony	0711	3/27/1991	0.003	
Antimony	0711	6/1/1991	0.005	
Antimony	0711	10/23/1991	0.003	
Antimony	0711	3/12/1992	0.003	
Antimony	0711	8/7/1992	0.003	
Antimony	0713	5/25/1985	0.003	U
Antimony	0714	5/25/1985	0.003	U
Antimony	0711	3/30/1990	0.003	
Antimony	0711	11/15/1990	0.003	
Antimony	0711	3/27/1991	0.003	
		Mean	0.00288	
		Max	0.005	
Arsenic	0710	5/26/1985	0.01	U
Arsenic	0710	3/13/1991	0.01	
Arsenic	0710	6/1/1991	0.01	U
Arsenic	0710	10/23/1991	0.003	U
Arsenic	0710	3/12/1992	0.005	U
Arsenic	0710	8/6/1992	0.005	
Arsenic	0710	3/11/1993	0.005	U
Arsenic	0710	7/14/1995	0.005	U
Arsenic	0710	2/16/1996	0.005	U
Arsenic	0710	2/5/1997	0.0016	U
Arsenic	0710	5/15/1998	0.0022	
Arsenic	0710	5/5/1999	0.0018	U
Arsenic	0710	5/10/2000	0.0015	U
Arsenic	0710	5/16/2001	0.002	
Arsenic	0710	5/14/2002	0.0018	
Arsenic	0710	5/14/2003	0.0021	
Arsenic	0711	5/26/1985	0.01	
Arsenic	0711	11/21/1987	0.007	
Arsenic	0711	5/16/1988	0.002	
Arsenic	0711	9/1/1988	0.003	U
Arsenic	0711	10/26/1988	0.003	U
Arsenic	0711	4/26/1989	0.01	U
Arsenic	0711	11/21/1989	0.01	U
Arsenic	0711	11/15/1990	0.01	U
Arsenic	0711	3/27/1991	0.01	
Arsenic	0711	6/1/1991	0.01	U

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Arsenic	0711	10/23/1991	0.002	U
Arsenic	0711	3/12/1992	0.005	
Arsenic	0711	8/7/1992	0.005	U
Arsenic	0711	3/18/1993	0.005	U
Arsenic	0711	7/14/1995	0.005	U
Arsenic	0711	2/6/1997	0.0011	U
Arsenic	0711	5/15/1998	0.0014	U
Arsenic	0712	3/30/1993	0.005	U
Arsenic	0713	5/25/1985	0.01	
Arsenic	0714	5/25/1985	0.01	U
Arsenic	0710	3/11/1993	0.005	
Arsenic	0710	7/14/1995	0.005	
Arsenic	0711	3/30/1990	0.01	
Arsenic	0711	11/15/1990	0.01	
Arsenic	0711	3/27/1991	0.01	
Arsenic	0711	3/18/1993	0.005	
Arsenic	0711	7/14/1995	0.005	
Arsenic	0712	3/30/1993	0.005	
		Mean	0.00569	
		Max	0.01	
Barium	0710	5/26/1985	0.1	U
Barium	0710	3/13/1991	0.03	U
Barium	0710	6/1/1991	0.03	U
Barium	0710	10/23/1991	0.03	U
Barium	0710	3/12/1992	0.02	U
Barium	0710	8/6/1992	0.03	U
Barium	0710	3/11/1993	0.1	U
Barium	0711	5/26/1985	0.1	U
Barium	0711	11/21/1987	0.1	
Barium	0711	5/16/1988	0.05	U
Barium	0711	9/1/1988	0.14	U
Barium	0711	10/26/1988	0.07	U
Barium	0711	4/26/1989	0.1	U
Barium	0711	11/21/1989	0.1	U
Barium	0711	3/30/1990	0.1	
Barium	0711	11/15/1990	0.1	
Barium	0711	3/27/1991	0.03	U
Barium	0711	6/1/1991	0.03	U
Barium	0711	10/23/1991	0.08	U
Barium	0711	3/12/1992	0.03	U
Barium	0711	8/7/1992	0.03	U
Barium	0711	3/18/1993	0.1	U
Barium	0712	3/30/1993	0.1	U
Barium	0713	5/25/1985	0.1	U
Barium	0714	5/25/1985	0.1	U
Barium	0710	3/11/1993	0.1	
Barium	0711	3/30/1990	0.3	
Barium	0711	11/15/1990	0.1	
Barium	0711	3/27/1991	0.03	
Barium	0711	3/18/1993	0.1	
Barium	0712	3/30/1993	0.1	

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
			Mean	0.08161
			Max	0.3
Beryllium	0710	3/13/1991	0.005	U
Beryllium	0710	6/1/1991	0.005	U
Beryllium	0710	3/12/1992	0.005	U
Beryllium	0710	8/6/1992	0.005	U
Beryllium	0711	11/21/1989	0.01	U
Beryllium	0711	3/30/1990	0.01	U
Beryllium	0711	11/15/1990	0.01	U
Beryllium	0711	3/27/1991	0.005	U
Beryllium	0711	6/1/1991	0.005	U
Beryllium	0711	3/12/1992	0.005	
Beryllium	0711	8/7/1992	0.005	U
Beryllium	0711	3/30/1990	0.01	
Beryllium	0711	11/15/1990	0.01	
Beryllium	0711	3/27/1991	0.005	
			Mean	0.00679
			Max	0.01
Boron	0710	5/26/1985	0.1	U
Boron	0711	5/26/1985	0.1	U
Boron	0711	4/26/1989	0.1	U
Boron	0711	11/21/1989	0.1	U
Boron	0712	5/25/1985	0.1	
Boron	0713	5/25/1985	0.1	U
Boron	0714	5/25/1985	0.1	U
Boron	0710	7/14/1995	0.1	U
Boron	0711	7/14/1995	0.1	
			Mean	0.1
			Max	0.1
Bromide	0711	4/26/1989	0.1	U
Bromide	0711	11/21/1989	0.1	U
Bromide	0711	3/18/1993	0.1	U
Bromide	0712	3/30/1993	0.1	U
Bromide	0710	3/11/1993	0.1	
			Mean	0.1
			Max	0.1
Cadmium	0710	5/26/1985	0.001	U
Cadmium	0710	3/13/1991	0.001	U
Cadmium	0710	6/1/1991	0.001	U
Cadmium	0710	10/23/1991	0.001	
Cadmium	0710	3/12/1992	0.001	U
Cadmium	0710	8/6/1992	0.001	U
Cadmium	0710	3/11/1993	0.001	U
Cadmium	0711	5/26/1985	0.001	U
Cadmium	0711	11/21/1987	0.005	U
Cadmium	0711	5/16/1988	0.001	U
Cadmium	0711	9/1/1988	0.0001	U
Cadmium	0711	10/26/1988	0.0001	U
Cadmium	0711	4/26/1989	0.001	
Cadmium	0711	11/21/1989	0.001	U
Cadmium	0711	3/30/1990	0.001	U

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Cadmium	0711	11/15/1990	0.001	UW
Cadmium	0711	3/27/1991	0.001	UW
Cadmium	0711	6/1/1991	0.001	U
Cadmium	0711	10/23/1991	0.001	U
Cadmium	0711	3/12/1992	0.001	U
Cadmium	0711	8/7/1992	0.001	B
Cadmium	0711	3/18/1993	0.001	B
Cadmium	0712	3/30/1993	0.001	B
Cadmium	0713	5/25/1985	0.001	B
Cadmium	0714	5/25/1985	0.001	B
Cadmium	0710	3/11/1993	0.001	U
Cadmium	0711	3/30/1990	0.001	U
Cadmium	0711	11/15/1990	0.001	
Cadmium	0711	3/27/1991	0.001	
Cadmium	0711	3/18/1993	0.001	
Cadmium	0712	3/30/1993	0.01	
		Mean	0.00136	
		Max	0.01	
Calcium	0710	5/26/1985	144	B
Calcium	0710	3/13/1991	65	B
Calcium	0710	6/1/1991	75.1	U
Calcium	0710	10/23/1991	69	U
Calcium	0710	3/12/1992	65.6	U
Calcium	0710	8/6/1992	79.3	U
Calcium	0710	3/11/1993	66.2	U
Calcium	0710	7/14/1995	250	
Calcium	0710	2/16/1996	82.7	
Calcium	0710	2/5/1997	63.3	
Calcium	0710	5/15/1998	65.2	
Calcium	0711	5/26/1985	50.6	
Calcium	0711	11/21/1987	170	
Calcium	0711	5/16/1988	137	
Calcium	0711	9/1/1988	271	
Calcium	0711	10/26/1988	140	U
Calcium	0711	4/26/1989	91	U
Calcium	0711	11/21/1989	67.3	U
Calcium	0711	3/30/1990	66.9	U
Calcium	0711	11/15/1990	85.8	U
Calcium	0711	3/27/1991	66.4	U
Calcium	0711	6/1/1991	69.3	U
Calcium	0711	10/23/1991	125	UW
Calcium	0711	3/12/1992	65.3	
Calcium	0711	8/7/1992	53.2	U
Calcium	0711	3/18/1993	74	U
Calcium	0711	7/14/1995	100	U
Calcium	0711	2/6/1997	132	U
Calcium	0711	5/15/1998	131	U
Calcium	0712	3/30/1993	146	U
Calcium	0713	5/25/1985	66.8	B
Calcium	0714	5/25/1985	45.4	B
Calcium	0710	3/11/1993	64.6	

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Calcium	0710	7/14/1995	180	
Calcium	0711	3/30/1990	64	
Calcium	0711	11/15/1990	78.6	
Calcium	0711	3/18/1993	71.2	I
Calcium	0711	7/14/1995	97	
Calcium	0712	3/30/1993	134	
			Mean	
			99.2	
			Max	
			271	
Chloride	0710	5/26/1985	36	U
Chloride	0710	3/13/1991	4.5	U
Chloride	0710	6/1/1991	10.5	U
Chloride	0710	10/23/1991	5	U
Chloride	0710	3/12/1992	7	
Chloride	0710	8/6/1992	6.9	
Chloride	0710	7/14/1995	72	
Chloride	0710	2/16/1996	13.3	
Chloride	0710	2/5/1997	4.83	
Chloride	0710	5/15/1998	8.21	
Chloride	0711	5/26/1985	9	U
Chloride	0711	11/21/1987	96.1	U
Chloride	0711	5/16/1988	58	U
Chloride	0711	9/1/1988	125	U
Chloride	0711	10/26/1988	71	U
Chloride	0711	4/26/1989	24	U
Chloride	0711	11/21/1989	16	U
Chloride	0711	3/30/1990	11	
Chloride	0711	11/15/1990	31	
Chloride	0711	3/27/1991	11.3	
Chloride	0711	6/1/1991	10.6	
Chloride	0711	10/23/1991	73	
Chloride	0711	3/12/1992	15.8	
Chloride	0711	8/7/1992	8.7	
Chloride	0711	3/18/1993	8.7	
Chloride	0711	7/14/1995	36	U
Chloride	0711	2/6/1997	55.2	U
Chloride	0711	5/15/1998	61.5	U
Chloride	0712	5/25/1985	69	
Chloride	0712	3/30/1993	22.1	U
Chloride	0713	5/25/1985	6.7	U
Chloride	0714	5/25/1985	3.2	
Chloride	0710	3/11/1993	5.8	
Chloride	0711	3/30/1990	12	
Chloride	0711	11/15/1990	29	N
			Mean	
			29.6554	
			Max	
			73	
Chromium	0710	5/26/1985	0.01	
Chromium	0710	3/13/1991	0.01	
Chromium	0710	6/1/1991	0.01	
Chromium	0710	10/23/1991	0.01	
Chromium	0710	3/12/1992	0.01	
Chromium	0710	8/6/1992	0.01	U

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Chromium	0710	3/11/1993	0.01	U
Chromium	0711	5/26/1985	0.01	U
Chromium	0711	11/21/1987	0.01	U
Chromium	0711	5/16/1988	0.06	U
Chromium	0711	9/1/1988	0.01	
Chromium	0711	10/26/1988	0.01	U
Chromium	0711	4/26/1989	0.01	U
Chromium	0711	11/21/1989	0.01	U
Chromium	0711	3/30/1990	0.01	U
Chromium	0711	11/15/1990	0.01	U
Chromium	0711	3/27/1991	0.01	U
Chromium	0711	6/1/1991	0.01	U
Chromium	0711	10/23/1991	0.01	U
Chromium	0711	3/12/1992	0.01	U
Chromium	0711	8/7/1992	0.01	U
Chromium	0711	3/18/1993	0.01	U
Chromium	0712	3/30/1993	0.01	U
Chromium	0713	5/25/1985	0.01	U
Chromium	0714	5/25/1985	0.01	U
Chromium	0710	3/11/1993	0.01	
Chromium	0711	3/30/1990	0.01	
Chromium	0711	11/15/1990	0.01	
Chromium	0711	3/27/1991	0.01	
Chromium	0711	3/18/1993	0.01	
Chromium	0712	3/30/1993	0.01	
		Mean	0.01161	
		Max	0.01	
Cobalt	0710	5/26/1985	0.05	U
Cobalt	0710	3/13/1991	0.03	U
Cobalt	0710	6/1/1991	0.03	U
Cobalt	0710	3/12/1992	0.03	U
Cobalt	0710	8/6/1992	0.03	U
Cobalt	0711	5/26/1985	0.05	U
Cobalt	0711	4/26/1989	0.05	U
Cobalt	0711	11/21/1989	0.05	U
Cobalt	0711	3/30/1990	0.05	U
Cobalt	0711	11/15/1990	0.05	U
Cobalt	0711	3/27/1991	0.03	U
Cobalt	0711	6/1/1991	0.03	U
Cobalt	0711	3/12/1992	0.03	U
Cobalt	0711	8/7/1992	0.03	U
Cobalt	0713	5/25/1985	0.05	UH
Cobalt	0714	5/25/1985	0.05	U
Cobalt	0711	3/30/1990	0.05	
Cobalt	0711	11/15/1990	0.05	
		Mean	0.04111	
		Max	0.05	
Copper	0710	5/26/1985	0.02	U
Copper	0710	3/13/1991	0.01	U
Copper	0710	6/1/1991	0.01	U
Copper	0710	3/12/1992	0.01	U

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Copper	0710	8/6/1992	0.01	U
Copper	0711	5/26/1985	0.02	U
Copper	0711	11/21/1987	0.01	U
Copper	0711	5/16/1988	0.01	U
Copper	0711	9/1/1988	0.01	U
Copper	0711	10/26/1988	0.01	UNW
Copper	0711	4/26/1989	0.01	U
Copper	0711	11/21/1989	0.02	U
Copper	0711	3/30/1990	0.02	U
Copper	0711	11/15/1990	0.02	U
Copper	0711	3/27/1991	0.01	U
Copper	0711	6/1/1991	0.01	U
Copper	0711	3/12/1992	0.01	U
Copper	0711	8/7/1992	0.01	U
Copper	0713	5/25/1985	0.02	U
Copper	0714	5/25/1985	0.02	U
Copper	0711	3/30/1990	0.02	
Copper	0711	11/15/1990	0.02	
Copper	0711	3/27/1991	0.01	
		Mean	0.01391	
		Max	0.02	
Dissolved Organic C	0710	7/14/1995	4.9	U
Dissolved Organic C	0711	7/14/1995	3.8	U
Dissolved Organic C	0710	3/11/1993	1.6	
Dissolved Organic C	0711	3/18/1993	3	
Dissolved Organic C	0712	3/30/1993	3	
		Mean	3.26	
		Max	3	
Fluoride	0710	5/26/1985	0.3	U
Fluoride	0710	3/13/1991	0.3	U
Fluoride	0710	6/1/1991	0.2	U
Fluoride	0710	10/23/1991	0.1	U
Fluoride	0710	3/12/1992	0.2	U
Fluoride	0710	8/6/1992	0.4	U
Fluoride	0710	3/11/1993	0.2	U
Fluoride	0711	5/26/1985	0.2	U
Fluoride	0711	4/26/1989	0.1	U
Fluoride	0711	11/21/1989	0.3	U
Fluoride	0711	3/30/1990	0.2	U
Fluoride	0711	11/15/1990	0.3	U
Fluoride	0711	3/27/1991	0.2	U
Fluoride	0711	6/1/1991	0.2	U
Fluoride	0711	10/23/1991	0.1	UW
Fluoride	0711	3/12/1992	0.2	U
Fluoride	0711	8/7/1992	0.3	UIW
Fluoride	0711	3/18/1993	0.3	U
Fluoride	0712	5/25/1985	0.3	U
Fluoride	0712	3/30/1993	0.2	
Fluoride	0713	5/25/1985	0.3	
Fluoride	0714	5/25/1985	0.3	
Fluoride	0711	3/30/1990	0.2	

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Fluoride	0711	11/15/1990	0.3	
Fluoride	0711	3/27/1991	0.2	
			Mean	0.236
			Max	0.3
Gross Alpha	0710	5/26/1985	15	
Gross Alpha	0710	3/13/1991	0	
Gross Alpha	0710	6/1/1991	3	
Gross Alpha	0710	10/23/1991	5.5	
Gross Alpha	0710	3/12/1992	4	
Gross Alpha	0710	8/6/1992	5.1	
Gross Alpha	0710	3/11/1993	3.3	
Gross Alpha	0710	2/5/1997	6.28	
Gross Alpha	0710	5/15/1998	3.76	
Gross Alpha	0711	5/26/1985	0.2	
Gross Alpha	0711	4/26/1989	11	
Gross Alpha	0711	11/21/1989	1.6	
Gross Alpha	0711	3/30/1990	1.8	
Gross Alpha	0711	11/15/1990	4.5	
Gross Alpha	0711	3/27/1991	4.4	
Gross Alpha	0711	6/1/1991	2.8	
Gross Alpha	0711	10/23/1991	4.4	
Gross Alpha	0711	3/12/1992	1.6	
Gross Alpha	0711	8/7/1992	4.4	
Gross Alpha	0711	3/18/1993	1.7	
Gross Alpha	0711	2/6/1997	12.9	
Gross Alpha	0711	5/15/1998	7.91	
Gross Alpha	0712	5/25/1985	3	
Gross Alpha	0712	3/30/1993	0	
Gross Alpha	0713	5/25/1985	2.2	
Gross Alpha	0714	5/25/1985	1	
Gross Alpha	0710	3/11/1993	6.2	
Gross Alpha	0711	3/30/1990	2.7	
Gross Alpha	0711	11/15/1990	0.6	
Gross Alpha	0711	3/27/1991	1.3	
Gross Alpha	0711	3/18/1993	3.7	
Gross Alpha	0712	3/30/1993	4.3	
			Mean	4.06719
			Max	15
Gross Beta	0710	5/26/1985	8	
Gross Beta	0710	3/13/1991	4.6	
Gross Beta	0710	6/1/1991	8.3	
Gross Beta	0710	10/23/1991	6.7	
Gross Beta	0710	3/12/1992	3.9	
Gross Beta	0710	8/6/1992	3	
Gross Beta	0710	3/11/1993	3.2	
Gross Beta	0710	2/5/1997	8.06	
Gross Beta	0710	5/15/1998	3.62	
Gross Beta	0711	5/26/1985	3.8	
Gross Beta	0711	4/26/1989	6.9	
Gross Beta	0711	11/21/1989	4.3	
Gross Beta	0711	3/30/1990	1.9	

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Gross Beta	0711	11/15/1990	6.3	
Gross Beta	0711	3/27/1991	4.7	
Gross Beta	0711	6/1/1991	5.8	
Gross Beta	0711	10/23/1991	11	
Gross Beta	0711	3/12/1992	0.7	
Gross Beta	0711	8/7/1992	5	
Gross Beta	0711	3/18/1993	4.3	
Gross Beta	0711	2/6/1997	16.39	
Gross Beta	0711	5/15/1998	7.53	
Gross Beta	0712	5/25/1985	8.2	
Gross Beta	0712	3/30/1993	0	
Gross Beta	0713	5/25/1985	5.5	
Gross Beta	0714	5/25/1985	3	
Gross Beta	0710	3/11/1993	8	
Gross Beta	0711	3/30/1990	3.2	
Gross Beta	0711	11/15/1990	9.8	H
Gross Beta	0711	3/27/1991	2.6	
Gross Beta	0711	3/18/1993	11.1	
Gross Beta	0712	3/30/1993	4.6	
		Mean	5.75	
		Max	16.39	
Iron	0710	5/26/1985	0.03	
Iron	0710	3/13/1991	0.03	
Iron	0710	6/1/1991	0.03	
Iron	0710	10/23/1991	0.03	
Iron	0710	3/12/1992	0.03	
Iron	0710	8/6/1992	0.03	
Iron	0710	3/11/1993	0.03	
Iron	0710	7/14/1995	0.03	
Iron	0710	2/16/1996	0.03	
Iron	0711	5/26/1985	0.05	
Iron	0711	11/21/1987	1.56	
Iron	0711	5/16/1988	0.18	
Iron	0711	9/1/1988	0.53	
Iron	0711	10/26/1988	0.19	
Iron	0711	4/26/1989	0.1	
Iron	0711	11/21/1989	0.13	
Iron	0711	3/30/1990	0.06	
Iron	0711	11/15/1990	0.19	
Iron	0711	3/27/1991	0.09	
Iron	0711	6/1/1991	0.09	
Iron	0711	10/23/1991	0.27	
Iron	0711	3/12/1992	0.08	
Iron	0711	8/7/1992	0.15	
Iron	0711	3/18/1993	0.11	
Iron	0711	7/14/1995	0.11	
Iron	0712	3/30/1993	0.03	
Iron	0713	5/25/1985	0.03	
Iron	0714	5/25/1985	0.13	
Iron	0710	3/11/1993	0.17	
Iron	0710	7/14/1995	0.03	

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Iron	0711	3/30/1990	0.54	U
Iron	0711	11/15/1990	0.39	
Iron	0711	3/27/1991	0.13	UI
Iron	0711	3/18/1993	0.21	
Iron	0711	7/14/1995	0.11	U
Iron	0712	3/30/1993	0.16	U
			Mean	0.16917
			Max	1.56
Lead	0710	5/26/1985	0.01	
Lead	0710	3/13/1991	0.01	
Lead	0710	6/1/1991	0.005	
Lead	0710	10/23/1991	0.004	
Lead	0710	3/12/1992	0.005	
Lead	0710	8/6/1992	0.003	
Lead	0710	3/11/1993	0.003	
Lead	0711	5/26/1985	0.01	U
Lead	0711	11/21/1987	0.01	U
Lead	0711	5/16/1988	0.01	U
Lead	0711	9/1/1988	0.001	U
Lead	0711	10/26/1988	0.001	U
Lead	0711	4/26/1989	0.01	U
Lead	0711	11/21/1989	0.01	U
Lead	0711	3/30/1990	0.01	U
Lead	0711	11/15/1990	0.01	U
Lead	0711	3/27/1991	0.01	U
Lead	0711	6/1/1991	0.005	U
Lead	0711	10/23/1991	0.004	U
Lead	0711	3/12/1992	0.005	U
Lead	0711	8/7/1992	0.003	U
Lead	0711	3/18/1993	0.003	
Lead	0712	3/30/1993	0.003	
Lead	0713	5/25/1985	0.01	
Lead	0714	5/25/1985	0.01	
Lead	0710	3/11/1993	0.003	U
Lead	0711	3/30/1990	0.01	U
Lead	0711	11/15/1990	0.01	U
Lead	0711	3/27/1991	0.01	U
Lead	0711	3/18/1993	0.003	U
Lead	0712	3/30/1993	0.003	U
			Mean	0.00658
			Max	0.01
Lead-210	0710	5/26/1985	0.6	
Lead-210	0710	3/11/1993	0.2	U
Lead-210	0710	2/5/1997	0.98	U
Lead-210	0710	5/15/1998	0.95	U
Lead-210	0711	5/26/1985	0.4	U
Lead-210	0711	4/26/1989	0	U
Lead-210	0711	11/21/1989	0.9	
Lead-210	0711	3/18/1993	0.1	U
Lead-210	0711	2/6/1997	1.11	U
Lead-210	0711	5/15/1998	1.12	U

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Lead-210	0712	3/30/1993	1.1	U
Lead-210	0713	5/25/1985	0.7	U
Lead-210	0714	5/25/1985	0.1	U
Lead-210	0710	3/11/1993	0.9	UI
Lead-210	0711	3/27/1991	0.2	
Lead-210	0711	3/18/1993	1.2	
Lead-210	0712	3/30/1993	0.8	U
			Mean	0.66824
			Max	1.2
Magnesium	0710	5/26/1985	41	U
Magnesium	0710	3/13/1991	15.1	U
Magnesium	0710	6/1/1991	17.4	U
Magnesium	0710	10/23/1991	17	U
Magnesium	0710	3/12/1992	15.2	U
Magnesium	0710	8/6/1992	18.9	U
Magnesium	0710	3/11/1993	15.9	U
Magnesium	0710	7/14/1995	57	U
Magnesium	0710	2/16/1996	19.4	U
Magnesium	0710	2/5/1997	15.3	U
Magnesium	0710	5/15/1998	15.2	U
Magnesium	0711	5/26/1985	14.6	U
Magnesium	0711	11/21/1987	37.8	U
Magnesium	0711	5/16/1988	32.6	U
Magnesium	0711	9/1/1988	68	U
Magnesium	0711	10/26/1988	33	U
Magnesium	0711	4/26/1989	21	U
Magnesium	0711	11/21/1989	16.6	U
Magnesium	0711	3/30/1990	16.7	U
Magnesium	0711	11/15/1990	22.8	U
Magnesium	0711	3/27/1991	16.2	U
Magnesium	0711	6/1/1991	17.1	U
Magnesium	0711	10/23/1991	33	U
Magnesium	0711	3/12/1992	16.3	U
Magnesium	0711	8/7/1992	13.6	U
Magnesium	0711	3/18/1993	18.4	U
Magnesium	0711	7/14/1995	26	U
Magnesium	0711	2/6/1997	31.4	U
Magnesium	0711	5/15/1998	28.9	U
Magnesium	0712	3/30/1993	27.7	U
Magnesium	0713	5/25/1985	14.6	U
Magnesium	0714	5/25/1985	13	U
Magnesium	0710	3/11/1993	14.9	U
Magnesium	0710	7/14/1995	42	U
Magnesium	0711	3/30/1990	15.4	
Magnesium	0711	11/15/1990	21.2	
Magnesium	0711	3/18/1993	17.6	
Magnesium	0711	7/14/1995	23	
Magnesium	0712	3/30/1993	25.5	
			Mean	23.7513
			Max	25.5
Manganese	0710	5/26/1985	0.91	U

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Manganese	0710	3/13/1991	0.01	U
Manganese	0710	6/1/1991	0.01	U
Manganese	0710	10/23/1991	0.03	U
Manganese	0710	3/12/1992	0.01	U
Manganese	0710	8/6/1992	0.01	U
Manganese	0710	3/11/1993	0.01	U
Manganese	0710	7/14/1995	0.01	U
Manganese	0710	2/16/1996	0.01	U
Manganese	0710	2/5/1997	0.0022	U
Manganese	0710	5/15/1998	0.0075	U
Manganese	0710	5/5/1999	0.001	U
Manganese	0710	5/10/2000	0.0013	U
Manganese	0710	5/16/2001	0.001	
Manganese	0710	5/14/2002	0.00023	U
Manganese	0710	5/14/2003	0.00037	U
Manganese	0710	5/18/2004	0.0011	U
Manganese	0710	10/19/2004	0.0015	U
Manganese	0710	11/7/2006	0.0031	U
Manganese	0711	5/26/1985	0.74	U
Manganese	0711	11/21/1987	2.09	U
Manganese	0711	5/16/1988	1.39	U
Manganese	0711	9/1/1988	3.56	U
Manganese	0711	10/26/1988	1.62	U
Manganese	0711	4/26/1989	0.87	U
Manganese	0711	11/21/1989	0.72	U
Manganese	0711	3/30/1990	0.52	U
Manganese	0711	11/15/1990	1.08	U
Manganese	0711	3/27/1991	0.61	U
Manganese	0711	6/1/1991	0.7	
Manganese	0711	10/23/1991	1.4	
Manganese	0711	3/12/1992	0.64	
Manganese	0711	8/7/1992	0.69	
Manganese	0711	3/18/1993	0.77	
Manganese	0711	7/14/1995	1.1	
Manganese	0711	2/6/1997	1.27	
Manganese	0711	5/15/1998	1.41	
Manganese	0712	3/30/1993	0.03	
Manganese	0713	5/25/1985	0.46	
Manganese	0714	5/25/1985	2.26	
Manganese	0710	3/11/1993	0.2	
Manganese	0710	7/14/1995	0.01	
Manganese	0710	6/14/2005	0.3	
Manganese	0710	10/12/2005	0.0183	
Manganese	0710	6/14/2006	0.03	
Manganese	0710	6/7/2007	0.025	
Manganese	0710	11/14/2007	0.038	
Manganese	0710	6/11/2008	0.018	
Manganese	0710	11/4/2008	0.0015	
Manganese	0710	6/2/2009	0.029	
Manganese	0710	11/3/2009	0.014	
Manganese	0710	6/23/2010	0.023	

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Manganese	0710	11/2/2010	0.0182	
Manganese	0710	6/21/2011	0.013	
Manganese	0711	3/30/1990	1.04	
Manganese	0711	11/15/1990	1.04	
Manganese	0711	3/27/1991	0.62	
Manganese	0711	3/18/1993	0.77	
Manganese	0711	7/14/1995	0.99	
Manganese	0712	3/30/1993	0.06	
			Mean	
			0.00674	
			Max	
			2.26	
Mercury	0710	5/26/1985	0.0002	
Mercury	0710	3/13/1991	0.0002	
Mercury	0710	6/1/1991	0.0002	
Mercury	0710	10/23/1991	0.0002	U
Mercury	0710	3/12/1992	0.0002	
Mercury	0710	8/6/1992	0.0002	
Mercury	0711	5/26/1985	0.0002	
Mercury	0711	11/21/1987	0.0002	
Mercury	0711	5/16/1988	0.0002	
Mercury	0711	9/1/1988	0.0001	
Mercury	0711	10/26/1988	0.0001	
Mercury	0711	4/26/1989	0.0002	
Mercury	0711	11/21/1989	0.0002	H
Mercury	0711	3/30/1990	0.0002	H
Mercury	0711	11/15/1990	0.0002	
Mercury	0711	3/27/1991	0.0002	
Mercury	0711	6/1/1991	0.0002	
Mercury	0711	10/23/1991	0.0002	
Mercury	0713	5/25/1985	0.0002	
Mercury	0714	5/25/1985	0.0002	
Mercury	0711	3/30/1990	0.0002	
Mercury	0711	11/15/1990	0.0002	
Mercury	0711	3/27/1991	0.0002	
			Mean	
			0.00019	
			Max	
			0.0002	
Molybdenum	0710	5/26/1985	0.01	
Molybdenum	0710	3/13/1991	0.01	U
Molybdenum	0710	6/1/1991	0.01	
Molybdenum	0710	10/23/1991	0.01	
Molybdenum	0710	3/12/1992	0.01	
Molybdenum	0710	8/6/1992	0.01	
Molybdenum	0710	3/11/1993	0.01	
Molybdenum	0710	7/14/1995	0.01	
Molybdenum	0710	2/16/1996	0.01	
Molybdenum	0710	2/5/1997	0.0019	
Molybdenum	0710	5/15/1998	0.0026	
Molybdenum	0710	5/5/1999	0.002	
Molybdenum	0710	5/10/2000	0.0017	
Molybdenum	0710	5/16/2001	0.0014	
Molybdenum	0710	5/14/2002	0.0018	
Molybdenum	0710	5/14/2003	0.002	

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Molybdenum	0710	5/18/2004	0.0016	
Molybdenum	0710	10/19/2004	0.0017	U
Molybdenum	0710	11/7/2006	0.0019	
Molybdenum	0711	5/26/1985	0.01	
Molybdenum	0711	11/21/1987	0.02	
Molybdenum	0711	5/16/1988	0.01	
Molybdenum	0711	9/1/1988	0.008	
Molybdenum	0711	10/26/1988	0.003	
Molybdenum	0711	4/26/1989	0.01	
Molybdenum	0711	11/21/1989	0.01	
Molybdenum	0711	3/30/1990	0.01	
Molybdenum	0711	11/15/1990	0.01	
Molybdenum	0711	3/27/1991	0.01	
Molybdenum	0711	6/1/1991	0.01	
Molybdenum	0711	10/23/1991	0.01	
Molybdenum	0711	3/12/1992	0.01	
Molybdenum	0711	8/7/1992	0.01	
Molybdenum	0711	3/18/1993	0.01	
Molybdenum	0711	7/14/1995	0.01	
Molybdenum	0711	2/6/1997	0.0018	
Molybdenum	0711	5/15/1998	0.0016	
Molybdenum	0712	3/30/1993	0.01	
Molybdenum	0713	5/25/1985	0.01	U
Molybdenum	0714	5/25/1985	0.01	
Molybdenum	0710	3/11/1993	0.01	
Molybdenum	0710	7/14/1995	0.01	
Molybdenum	0710	6/14/2005	0.0019	
Molybdenum	0710	10/12/2005	0.002	
Molybdenum	0710	6/14/2006	0.0015	
Molybdenum	0710	6/7/2007	0.0016	
Molybdenum	0710	11/14/2007	0.0021	
Molybdenum	0710	6/11/2008	0.0019	
Molybdenum	0710	11/4/2008	0.0023	
Molybdenum	0710	6/2/2009	0.0017	
Molybdenum	0710	11/3/2009	0.0019	
Molybdenum	0710	6/23/2010	0.00032	
Molybdenum	0710	11/2/2010	0.00216	
Molybdenum	0710	6/21/2011	0.0019	
Molybdenum	0711	3/30/1990	0.01	
Molybdenum	0711	11/15/1990	0.01	
Molybdenum	0711	3/27/1991	0.01	
Molybdenum	0711	3/18/1993	0.01	
Molybdenum	0711	7/14/1995	0.01	
Molybdenum	0712	3/30/1993	0.01	
			Mean	0.00643
			Max	0.02
Nickel	0710	5/26/1985	0.04	
Nickel	0710	3/13/1991	0.04	
Nickel	0710	6/1/1991	0.04	
Nickel	0710	10/23/1991	0.01	
Nickel	0710	3/12/1992	0.04	

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Nickel	0710	8/6/1992	0.04	
Nickel	0710	3/11/1993	0.04	
Nickel	0710	7/14/1995	0.04	
Nickel	0710	2/16/1996	0.04	
Nickel	0710	2/5/1997	0.007	
Nickel	0710	5/15/1998	0.005	
Nickel	0710	5/5/1999	0.009	
Nickel	0710	5/10/2000	0.0107	
Nickel	0710	5/16/2001	0.001	U
Nickel	0710	5/14/2002	0.0008	
Nickel	0710	5/14/2003	0.0009	
Nickel	0711	5/26/1985	0.04	
Nickel	0711	11/21/1987	0.01	
Nickel	0711	5/16/1988	0.02	
Nickel	0711	9/1/1988	0.02	
Nickel	0711	10/26/1988	0.02	
Nickel	0711	4/26/1989	0.04	
Nickel	0711	11/21/1989	0.04	
Nickel	0711	3/30/1990	0.04	
Nickel	0711	11/15/1990	0.04	
Nickel	0711	3/27/1991	0.04	
Nickel	0711	6/1/1991	0.04	
Nickel	0711	10/23/1991	0.02	
Nickel	0711	3/12/1992	0.04	
Nickel	0711	8/7/1992	0.04	
Nickel	0711	3/18/1993	0.04	
Nickel	0711	7/14/1995	0.04	
Nickel	0711	2/6/1997	0.007	
Nickel	0711	5/15/1998	0.005	
Nickel	0712	3/30/1993	0.04	U
Nickel	0713	5/25/1985	0.04	U
Nickel	0714	5/25/1985	0.04	
Nickel	0710	3/11/1993	0.04	
Nickel	0710	7/14/1995	0.04	
Nickel	0711	3/30/1990	0.04	
Nickel	0711	11/15/1990	0.04	
Nickel	0711	3/27/1991	0.04	
Nickel	0711	3/18/1993	0.04	
Nickel	0711	7/14/1995	0.04	
Nickel	0712	3/30/1993	0.04	
			Mean	0.02992
			Max	0.04
Nitrate as NO3	0710	5/26/1985	1	
Nitrate as NO3	0710	3/13/1991	1	
Nitrate as NO3	0710	6/1/1991	1.5	
Nitrate as NO3	0710	3/12/1992	1	
Nitrate as NO3	0710	8/6/1992	2.6	
Nitrate as NO3	0710	2/5/1997	0.159	
Nitrate as NO3	0710	5/15/1998	0.237	
Nitrate as NO3	0711	5/26/1985	1	
Nitrate as NO3	0711	11/21/1987	0.1	

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Nitrate as NO3	0711	5/16/1988	1.2	
Nitrate as NO3	0711	9/1/1988	7	
Nitrate as NO3	0711	10/26/1988	0.2	
Nitrate as NO3	0711	4/26/1989	1	
Nitrate as NO3	0711	11/21/1989	0.1	
Nitrate as NO3	0711	3/30/1990	0.1	U
Nitrate as NO3	0711	11/15/1990	1	U
Nitrate as NO3	0711	3/27/1991	7.1	
Nitrate as NO3	0711	6/1/1991	1.1	U
Nitrate as NO3	0711	3/12/1992	1	U
Nitrate as NO3	0711	8/7/1992	1	U
Nitrate as NO3	0711	2/6/1997	0.044	
Nitrate as NO3	0711	5/15/1998	0.0856	U
Nitrate as NO3	0712	5/25/1985	13	U
Nitrate as NO3	0713	5/25/1985	1	U
Nitrate as NO3	0714	5/25/1985	1	
Nitrate as NO3	0710	3/11/1993	1	
Nitrate as NO3	0711	3/18/1993	1	
Nitrate as NO3	0712	3/30/1993	1	
		Mean	1.69734	
		Max	7.1	
Nitrite	0710	5/26/1985	0.1	
Nitrite	0711	5/26/1985	0.1	
Nitrite	0711	11/21/1987	0.1	
Nitrite	0712	5/25/1985	0.1	
Nitrite	0713	5/25/1985	0.1	
Nitrite	0714	5/25/1985	0.1	
		Mean	0.1	
		Max	0.1	
Phosphate	0710	5/26/1985	0.1	
Phosphate	0711	5/26/1985	0.1	
Phosphate	0711	11/21/1987	0.3	
Phosphate	0711	5/16/1988	0.1	
Phosphate	0711	9/1/1988	0.1	
Phosphate	0711	10/26/1988	0.1	
Phosphate	0711	4/26/1989	0.1	
Phosphate	0711	11/21/1989	0.1	
Phosphate	0712	5/25/1985	0.1	
Phosphate	0713	5/25/1985	0.1	
Phosphate	0714	5/25/1985	0.2	
Phosphate	0710	3/11/1993	0.12	
Phosphate	0711	3/18/1993	0.1	
Phosphate	0712	3/30/1993	0.1	
		Mean	0.12286	
		Max	0.3	
Polonium-210	0710	5/26/1985	0	
Polonium-210	0710	3/11/1993	0.1	
Polonium-210	0710	2/5/1997	0.15	
Polonium-210	0710	5/15/1998	0.09	
Polonium-210	0711	5/26/1985	0	
Polonium-210	0711	4/26/1989	0.1	

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Polonium-210	0711	11/21/1989	0.3	
Polonium-210	0711	3/18/1993	0.3	
Polonium-210	0711	2/6/1997	0.16	
Polonium-210	0711	5/15/1998	0.13	
Polonium-210	0712	3/30/1993	0	
Polonium-210	0713	5/25/1985	0	U
Polonium-210	0714	5/25/1985	0	
Polonium-210	0710	3/11/1993	1.4	
Polonium-210	0711	3/27/1991	0.1	U
Polonium-210	0711	3/18/1993	0.1	U
Polonium-210	0712	3/30/1993	0.7	
		Mean	0.21353	
		Max	1.4	
Potassium	0710	5/26/1985	3.61	U
Potassium	0710	3/13/1991	1.86	
Potassium	0710	6/1/1991	2.5	U
Potassium	0710	10/23/1991	2.5	U
Potassium	0710	3/12/1992	2.16	U
Potassium	0710	8/6/1992	2.55	
Potassium	0710	3/11/1993	2.2	U
Potassium	0710	7/14/1995	4.2	U
Potassium	0710	2/16/1996	2.21	U
Potassium	0710	2/5/1997	2.2	U
Potassium	0710	5/15/1998	1.99	U
Potassium	0711	5/26/1985	2.08	U
Potassium	0711	11/21/1987	4.22	U
Potassium	0711	5/16/1988	3.04	U
Potassium	0711	9/1/1988	6.4	U
Potassium	0711	10/26/1988	4.5	U
Potassium	0711	4/26/1989	2.3	U
Potassium	0711	11/21/1989	2.7	U
Potassium	0711	3/30/1990	2.2	U
Potassium	0711	11/15/1990	3.6	U
Potassium	0711	3/27/1991	2.3	U
Potassium	0711	6/1/1991	2.4	U
Potassium	0711	10/23/1991	4.9	U
Potassium	0711	3/12/1992	2.49	U
Potassium	0711	8/7/1992	2.41	U
Potassium	0711	3/18/1993	2.3	U
Potassium	0711	7/14/1995	2.8	U
Potassium	0711	2/6/1997	3.48	U
Potassium	0711	5/15/1998	3.31	U
Potassium	0712	3/30/1993	3.8	U
Potassium	0713	5/25/1985	2.8	U
Potassium	0714	5/25/1985	1.71	U
Potassium	0710	3/11/1993	2.2	
Potassium	0710	7/14/1995	3.2	
Potassium	0711	3/30/1990	2.6	
Potassium	0711	11/15/1990	4.1	
Potassium	0711	3/18/1993	2.2	U
Potassium	0711	7/14/1995	2.7	U

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Potassium	0712	3/30/1993	3.6	UI
			Mean	
			2.93128	
			Max	
			4.1	
Radium-226	0710	5/26/1985	0.2	
Radium-226	0710	3/13/1991	0	U
Radium-226	0710	6/1/1991	0.1	U
Radium-226	0710	10/23/1991	0.4	U
Radium-226	0710	3/12/1992	0.3	U
Radium-226	0710	8/6/1992	2.4	U
Radium-226	0710	3/11/1993	1	U
Radium-226	0711	5/26/1985	0	U
Radium-226	0711	5/16/1988	0.1	U
Radium-226	0711	9/1/1988	0.496	
Radium-226	0711	10/26/1988	0.274	
Radium-226	0711	4/26/1989	0.1	
Radium-226	0711	11/21/1989	0	U
Radium-226	0711	3/30/1990	0	U
Radium-226	0711	11/15/1990	0	
Radium-226	0711	3/27/1991	0.1	
Radium-226	0711	6/1/1991	0	
Radium-226	0711	10/23/1991	0.2	
Radium-226	0711	3/12/1992	0.4	
Radium-226	0711	8/7/1992	0.6	
Radium-226	0711	3/18/1993	0.5	
Radium-226	0712	3/30/1993	0	
Radium-226	0713	5/25/1985	0.1	
Radium-226	0714	5/25/1985	0.1	
Radium-226	0710	3/11/1993	0.6	U
Radium-226	0711	3/30/1990	0	U
Radium-226	0711	11/15/1990	0.1	U
Radium-226	0711	3/27/1991	0	U
Radium-226	0711	3/18/1993	0.7	U
Radium-226	0712	3/30/1993	0.8	U
			Mean	
			0.319	
			Max	
			0.6	
Radium-228	0710	5/26/1985	0	
Radium-228	0710	3/13/1991	0	U
Radium-228	0710	6/1/1991	0	
Radium-228	0710	10/23/1991	0	
Radium-228	0710	3/12/1992	0	
Radium-228	0710	8/6/1992	2.8	
Radium-228	0710	3/11/1993	2.1	
Radium-228	0711	5/26/1985	0	
Radium-228	0711	5/16/1988	0.5	
Radium-228	0711	9/1/1988	0	
Radium-228	0711	10/26/1988	0.214	
Radium-228	0711	4/26/1989	0	
Radium-228	0711	11/21/1989	0.9	
Radium-228	0711	3/30/1990	0.9	
Radium-228	0711	11/15/1990	0.3	
Radium-228	0711	3/27/1991	0	

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Radium-228	0711	6/1/1991	2	
Radium-228	0711	10/23/1991	0.4	
Radium-228	0711	3/12/1992	0	
Radium-228	0711	8/7/1992	2.1	
Radium-228	0711	3/18/1993	1	
Radium-228	0712	3/30/1993	0.9	
Radium-228	0713	5/25/1985	0	
Radium-228	0714	5/25/1985	0	
Radium-228	0710	3/11/1993	0	U
Radium-228	0711	3/30/1990	0	U
Radium-228	0711	11/15/1990	0.8	U
Radium-228	0711	3/27/1991	1.1	U
Radium-228	0711	3/18/1993	0.2	U
Radium-228	0712	3/30/1993	1.4	U
		Mean	0.58713	
		Max	2.8	
Selenium	0710	5/26/1985	0.005	
Selenium	0710	3/13/1991	0.005	
Selenium	0710	6/1/1991	0.005	
Selenium	0710	10/23/1991	0.002	
Selenium	0710	3/12/1992	0.005	
Selenium	0710	8/6/1992	0.005	
Selenium	0710	3/11/1993	0.005	
Selenium	0710	2/16/1996	0.005	
Selenium	0711	5/26/1985	0.005	
Selenium	0711	11/21/1987	0.005	
Selenium	0711	5/16/1988	0.005	
Selenium	0711	9/1/1988	0.001	
Selenium	0711	10/26/1988	0.001	
Selenium	0711	4/26/1989	0.005	
Selenium	0711	11/21/1989	0.005	
Selenium	0711	3/30/1990	0.005	
Selenium	0711	11/15/1990	0.005	
Selenium	0711	3/27/1991	0.005	
Selenium	0711	6/1/1991	0.005	
Selenium	0711	10/23/1991	0.002	
Selenium	0711	3/18/1993	0.005	
Selenium	0712	3/30/1993	0.005	
Selenium	0713	5/25/1985	0.005	
Selenium	0714	5/25/1985	0.005	
Selenium	0710	3/11/1993	0.005	U
Selenium	0710	7/14/1995	0.005	U
Selenium	0711	3/30/1990	0.005	UI
Selenium	0711	11/15/1990	0.005	UI
Selenium	0711	3/27/1991	0.005	U
Selenium	0711	3/18/1993	0.005	U
Selenium	0711	7/14/1995	0.005	U
Selenium	0712	3/30/1993	0.005	U
		Mean	0.00456	
		Max	0.005	
Silica	0710	5/26/1985	50	

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Silica	0710	3/11/1993	18	
Silica	0711	5/26/1985	16	
Silica	0711	4/26/1989	15	
Silica	0711	11/21/1989	19	
Silica	0711	3/18/1993	17.6	
Silica	0712	5/25/1985	52	U
Silica	0712	3/30/1993	24.4	U
Silica	0713	5/25/1985	50	
Silica	0714	5/25/1985	50	U
Silica	0710	3/11/1993	17.5	U
Silica	0710	7/14/1995	23	U
Silica	0711	3/18/1993	17.2	U
Silica	0711	7/14/1995	23	U
Silica	0712	3/30/1993	25.9	U
			Mean	
			27.9067	
			Max	
			50	
Silver	0710	5/26/1985	0.01	U
Silver	0710	3/13/1991	0.01	U
Silver	0710	6/1/1991	0.01	
Silver	0710	10/23/1991	0.01	U
Silver	0710	3/12/1992	0.01	U
Silver	0710	8/6/1992	0.01	U
Silver	0711	5/26/1985	0.01	B
Silver	0711	11/21/1987	0.01	B
Silver	0711	5/16/1988	0.01	U
Silver	0711	9/1/1988	0.01	U
Silver	0711	10/26/1988	0.01	B
Silver	0711	4/26/1989	0.01	B
Silver	0711	11/21/1989	0.01	B
Silver	0711	3/30/1990	0.01	U
Silver	0711	11/15/1990	0.01	B
Silver	0711	3/27/1991	0.01	
Silver	0711	6/1/1991	0.01	
Silver	0711	10/23/1991	0.01	
Silver	0711	3/12/1992	0.01	B
Silver	0711	8/7/1992	0.01	
Silver	0713	5/25/1985	0.01	
Silver	0714	5/25/1985	0.01	
Silver	0711	3/30/1990	0.01	U
Silver	0711	11/15/1990	0.01	U
Silver	0711	3/27/1991	0.01	U
			Mean	
			0.01	
			Max	
			0.01	
Sodium	0710	5/26/1985	94.5	B
Sodium	0710	3/13/1991	34	
Sodium	0710	6/1/1991	39	
Sodium	0710	10/23/1991	43	
Sodium	0710	3/12/1992	32	
Sodium	0710	8/6/1992	38	
Sodium	0710	3/11/1993	34	
Sodium	0710	7/14/1995	83	

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Sodium	0710	2/16/1996	38.1	
Sodium	0710	2/5/1997	31.6	
Sodium	0710	5/15/1998	33	
Sodium	0711	5/26/1985	44.5	
Sodium	0711	11/21/1987	114	
Sodium	0711	5/16/1988	65.7	
Sodium	0711	9/1/1988	154	
Sodium	0711	10/26/1988	110	
Sodium	0711	4/26/1989	62	
Sodium	0711	11/21/1989	57.3	
Sodium	0711	3/30/1990	42.4	
Sodium	0711	11/15/1990	109	
Sodium	0711	3/27/1991	55	
Sodium	0711	6/1/1991	50	
Sodium	0711	10/23/1991	167	
Sodium	0711	3/12/1992	57	
Sodium	0711	8/7/1992	47	
Sodium	0711	3/18/1993	44	
Sodium	0711	7/14/1995	62	
Sodium	0711	2/6/1997	70.7	
Sodium	0711	5/15/1998	84	
Sodium	0712	3/30/1993	52	
Sodium	0713	5/25/1985	37.5	
Sodium	0714	5/25/1985	29.5	
Sodium	0710	3/11/1993	33	U
Sodium	0710	7/14/1995	61	U
Sodium	0711	3/30/1990	39.3	U
Sodium	0711	11/15/1990	102	U
Sodium	0711	3/18/1993	45	U
Sodium	0711	7/14/1995	55	
Sodium	0712	3/30/1993	49	
		Mean	61.5154	
		Max	167	
Strontium	0710	5/26/1985	0.1	
Strontium	0710	3/13/1991	0.33	
Strontium	0710	6/1/1991	0.37	
Strontium	0710	10/23/1991	0.33	
Strontium	0710	3/12/1992	0.32	
Strontium	0710	8/6/1992	0.43	
Strontium	0710	3/11/1993	0.36	
Strontium	0711	5/26/1985	0.1	
Strontium	0711	11/21/1987	0.69	
Strontium	0711	5/16/1988	0.69	U
Strontium	0711	9/1/1988	1.51	U
Strontium	0711	10/26/1988	0.69	U
Strontium	0711	4/26/1989	0.44	U
Strontium	0711	11/21/1989	0.34	U
Strontium	0711	11/15/1990	0.5	U
Strontium	0711	3/27/1991	0.32	U
Strontium	0711	6/1/1991	0.34	
Strontium	0711	10/23/1991	0.6	

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Strontium	0711	3/12/1992	0.32	
Strontium	0711	8/7/1992	0.29	U
Strontium	0711	3/18/1993	0.39	U
Strontium	0712	5/25/1985	0.1	
Strontium	0712	3/30/1993	0.53	
Strontium	0713	5/25/1985	0.1	
Strontium	0714	5/25/1985	0.1	
Strontium	0710	3/11/1993	0.34	
Strontium	0710	7/14/1995	0.97	
Strontium	0711	11/15/1990	0.4	
Strontium	0711	3/18/1993	0.38	
Strontium	0711	7/14/1995	0.53	
Strontium	0712	3/30/1993	0.48	
			Mean	
			0.43194	
			Max	
			0.97	
Sulfate	0710	5/26/1985	363	
Sulfate	0710	3/13/1991	101	U
Sulfate	0710	6/1/1991	118	U
Sulfate	0710	10/23/1991	84.7	U
Sulfate	0710	3/12/1992	105	U
Sulfate	0710	8/6/1992	120	U
Sulfate	0710	7/14/1995	830	U
Sulfate	0710	2/16/1996	173	U
Sulfate	0710	2/5/1997	111	U
Sulfate	0710	5/15/1998	115	U
Sulfate	0710	5/5/1999	161	U
Sulfate	0710	5/10/2000	373	U
Sulfate	0710	5/16/2001	177	U
Sulfate	0710	5/14/2002	199	U
Sulfate	0710	5/14/2003	198	U
Sulfate	0710	5/18/2004	150	U
Sulfate	0710	10/19/2004	77	U
Sulfate	0710	11/7/2006	55	U
Sulfate	0711	5/26/1985	156	U
Sulfate	0711	11/21/1987	438	U
Sulfate	0711	5/16/1988	356	U
Sulfate	0711	9/1/1988	854	U
Sulfate	0711	10/26/1988	438	U
Sulfate	0711	4/26/1989	212	U
Sulfate	0711	11/21/1989	185	U
Sulfate	0711	3/30/1990	154	U
Sulfate	0711	11/15/1990	278	B
Sulfate	0711	3/27/1991	150	B
Sulfate	0711	6/1/1991	137	U
Sulfate	0711	10/23/1991	379	BN
Sulfate	0711	3/12/1992	157	B
Sulfate	0711	8/7/1992	93	U
Sulfate	0711	3/18/1993	106	U
Sulfate	0711	7/14/1995	260	
Sulfate	0711	2/6/1997	292	
Sulfate	0711	5/15/1998	331	

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Sulfate	0712	5/25/1985	376	
Sulfate	0712	3/30/1993	254	
Sulfate	0713	5/25/1985	66.7	
Sulfate	0714	5/25/1985	42.8	
Sulfate	0710	3/11/1993	120	
Sulfate	0710	6/14/2005	120	
Sulfate	0710	10/12/2005	62.4	
Sulfate	0710	6/14/2006	93	
Sulfate	0710	6/7/2007	87	
Sulfate	0710	11/14/2007	92	
Sulfate	0710	6/11/2008	100	U
Sulfate	0710	11/4/2008	82	U
Sulfate	0710	6/2/2009	130	
Sulfate	0710	11/3/2009	79	
Sulfate	0710	6/23/2010	400	
Sulfate	0710	11/2/2010	146	
Sulfate	0710	6/21/2011	370	
Sulfate	0711	3/30/1990	161	
Sulfate	0711	11/15/1990	281	
		Mean	209.993	
		Max	400	
Sulfide	0710	5/26/1985	0.1	
Sulfide	0710	3/13/1991	0.49	
Sulfide	0710	6/1/1991	1	E
Sulfide	0710	10/23/1991	218	
Sulfide	0711	5/26/1985	0.1	
Sulfide	0711	4/26/1989	0.1	U
Sulfide	0711	11/21/1989	4	B
Sulfide	0711	3/30/1990	0.1	
Sulfide	0711	3/27/1991	1	U
Sulfide	0711	6/1/1991	6.9	U
Sulfide	0711	10/23/1991	226	U
Sulfide	0712	5/25/1985	0.1	U
Sulfide	0713	5/25/1985	0.1	U
Sulfide	0714	5/25/1985	0.1	
		Mean	32.7207	
		Max	218	
Thallium	0710	3/13/1991	0.01	
Thallium	0710	6/1/1991	0.01	
Thallium	0711	11/21/1989	0.01	
Thallium	0711	3/30/1990	0.01	
Thallium	0711	11/15/1990	0.01	
Thallium	0711	3/27/1991	0.01	
Thallium	0711	6/1/1991	0.01	
Thallium	0711	3/30/1990	0.01	
Thallium	0711	11/15/1990	0.01	
Thallium	0711	3/27/1991	0.01	
		Mean	0.01	
		Max	0.01	
Thorium-230	0710	5/26/1985	0.1	U
Thorium-230	0710	3/11/1993	1.7	U

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Thorium-230	0710	5/15/1998	0.8	U
Thorium-230	0711	5/26/1985	0	U
Thorium-230	0711	11/21/1987	0	
Thorium-230	0711	10/26/1988	0.87	U
Thorium-230	0711	4/26/1989	0	U
Thorium-230	0711	11/21/1989	0	U
Thorium-230	0711	11/15/1990	0.2	U
Thorium-230	0711	3/18/1993	3.8	U
Thorium-230	0711	2/6/1997	0.64	U
Thorium-230	0711	5/15/1998	0.8	U
Thorium-230	0712	5/25/1985	0	U
Thorium-230	0712	3/30/1993	0.4	U
Thorium-230	0713	5/25/1985	0	U
Thorium-230	0714	5/25/1985	0	U
Thorium-230	0710	3/11/1993	0.4	U
Thorium-230	0711	11/15/1990	0	
Thorium-230	0711	3/27/1991	0	
Thorium-230	0711	3/18/1993	0.3	
Thorium-230	0712	3/30/1993	0.7	
		Mean	0.51	
		Max	0.7	
Tin	0710	5/26/1985	0.005	B
Tin	0710	3/13/1991	0.005	B
Tin	0710	6/1/1991	0.01	U
Tin	0710	10/23/1991	0.005	U
Tin	0710	3/12/1992	0.005	U
Tin	0710	8/6/1992	0.005	U
Tin	0711	5/26/1985	0.005	U
Tin	0711	4/26/1989	0.005	U
Tin	0711	11/21/1989	0.005	U
Tin	0711	3/30/1990	0.005	U
Tin	0711	11/15/1990	0.005	U
Tin	0711	3/27/1991	0.03	U
Tin	0711	6/1/1991	0.01	U
Tin	0711	10/23/1991	0.005	U
Tin	0713	5/25/1985	0.005	U
Tin	0714	5/25/1985	0.005	U
Tin	0711	3/30/1990	0.005	
Tin	0711	11/15/1990	0.005	
		Mean	0.00694	
		Max	0.005	
Total Cyanide	0710	5/26/1985	0.01	U
Total Cyanide	0710	3/13/1991	0.01	U
Total Cyanide	0711	5/26/1985	0.01	U
Total Cyanide	0711	4/26/1989	0.01	U
Total Cyanide	0711	11/21/1989	0.01	U
Total Cyanide	0711	3/30/1990	0.01	U
Total Cyanide	0711	11/15/1990	0.01	U
Total Cyanide	0711	3/27/1991	0.01	U
Total Cyanide	0713	5/25/1985	0.01	U
Total Cyanide	0714	5/25/1985	0.01	U

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
			Mean	0.01
			Max	0.01
Total Organic Carbc	0714	5/25/1985	34	
Total Organic Carbc	0710	3/11/1993	1.5	
Total Organic Carbc	0711	3/18/1993	3	
Total Organic Carbc	0712	3/30/1993	4	
			Mean	10.625
			Max	34
Uranium	0710	5/26/1985	0.0156	B
Uranium	0710	3/13/1991	0.003	U
Uranium	0710	6/1/1991	0.001	U
Uranium	0710	10/23/1991	0.004	U
Uranium	0710	3/12/1992	0.004	U
Uranium	0710	8/6/1992	0.001	U
Uranium	0710	3/11/1993	0.004	
Uranium	0710	7/14/1995	0.015	
Uranium	0710	2/16/1996	0.01	
Uranium	0710	2/5/1997	0.0034	
Uranium	0710	5/15/1998	0.0038	
Uranium	0710	5/5/1999	0.0055	
Uranium	0710	5/10/2000	0.0093	
Uranium	0710	5/16/2001	0.0067	
Uranium	0710	5/14/2002	0.0071	U
Uranium	0710	5/14/2003	0.0075	UH
Uranium	0710	5/18/2004	0.005	U
Uranium	0710	10/19/2004	0.0022	U
Uranium	0710	11/7/2006	0.002	
Uranium	0711	5/26/1985	0.0007	
Uranium	0711	11/21/1987	0.0042	U
Uranium	0711	5/16/1988	0.0044	
Uranium	0711	10/26/1988	0.003	U
Uranium	0711	4/26/1989	0.005	B
Uranium	0711	11/21/1989	0.0019	B
Uranium	0711	3/30/1990	0.002	
Uranium	0711	11/15/1990	0.0032	U
Uranium	0711	3/27/1991	0.004	U
Uranium	0711	6/1/1991	0.001	U
Uranium	0711	10/23/1991	0.0046	U
Uranium	0711	3/12/1992	0.003	U
Uranium	0711	8/7/1992	0.001	U
Uranium	0711	3/18/1993	0.002	U
Uranium	0711	7/14/1995	0.001	U
Uranium	0711	2/6/1997	0.0027	U
Uranium	0711	5/15/1998	0.0038	U
Uranium	0712	5/25/1985	0.0023	U
Uranium	0712	3/30/1993	0.002	U
Uranium	0713	5/25/1985	0.0017	U
Uranium	0714	5/25/1985	0.0003	
Uranium	0710	3/11/1993	0.004	
Uranium	0710	7/14/1995	0.016	U
Uranium	0710	6/14/2005	0.0041	U

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Uranium	0710	10/12/2005	0.0025	U
Uranium	0710	6/14/2006	0.0031	U
Uranium	0710	6/7/2007	0.0033	U
Uranium	0710	11/14/2007	0.0027	U
Uranium	0710	6/11/2008	0.004	U
Uranium	0710	11/4/2008	0.0047	
Uranium	0710	6/2/2009	0.0051	U
Uranium	0710	11/3/2009	0.0026	U
Uranium	0710	6/23/2010	0.0081	U
Uranium	0710	11/2/2010	0.00383	U
Uranium	0710	6/21/2011	0.0094	U
Uranium	0711	3/30/1990	0.002	U
Uranium	0711	11/15/1990	0.0027	U
Uranium	0711	3/27/1991	0.001	U
Uranium	0711	3/18/1993	0.001	U
Uranium	0711	7/14/1995	0.002	U
Uranium	0712	3/30/1993	0.002	
			Mean	
			0.00413	
			Max	
			0.0156	
Vanadium	0710	3/13/1991	0.01	
Vanadium	0710	6/1/1991	0.01	
Vanadium	0710	10/23/1991	0.03	
Vanadium	0710	3/12/1992	0.01	
Vanadium	0710	8/6/1992	0.02	
Vanadium	0710	3/11/1993	0.01	
Vanadium	0710	7/14/1995	0.01	
Vanadium	0710	2/16/1996	0.01	
Vanadium	0710	2/5/1997	0.0045	
Vanadium	0710	5/15/1998	0.0057	
Vanadium	0711	11/21/1987	0.04	
Vanadium	0711	5/16/1988	0.02	
Vanadium	0711	9/1/1988	0.01	
Vanadium	0711	10/26/1988	0.01	
Vanadium	0711	4/26/1989	0.01	
Vanadium	0711	11/21/1989	0.02	
Vanadium	0711	3/30/1990	0.01	
Vanadium	0711	11/15/1990	0.01	
Vanadium	0711	3/27/1991	0.01	
Vanadium	0711	6/1/1991	0.01	
Vanadium	0711	10/23/1991	0.03	
Vanadium	0711	3/12/1992	0.01	
Vanadium	0711	8/7/1992	0.01	
Vanadium	0711	3/18/1993	0.01	
Vanadium	0711	7/14/1995	0.01	
Vanadium	0711	2/6/1997	0.004	
Vanadium	0711	5/15/1998	0.001	
Vanadium	0712	3/30/1993	0.01	
Vanadium	0710	3/11/1993	0.01	U
Vanadium	0710	7/14/1995	0.01	
Vanadium	0711	3/30/1990	0.01	U
Vanadium	0711	11/15/1990	0.01	U

Analyte	Location Code	Date Sampled	Result	Lab Qualifier
Vanadium	0711	3/27/1991	0.01	U
Vanadium	0711	3/18/1993	0.01	
Vanadium	0711	7/14/1995	0.01	
Vanadium	0712	3/30/1993	0.01	U
			Mean	0.01209
			Max	0.04
Zinc	0710	5/26/1985	0.006	
Zinc	0710	3/13/1991	0.005	
Zinc	0710	6/1/1991	0.008	
Zinc	0710	10/23/1991	0.005	
Zinc	0710	3/12/1992	0.005	
Zinc	0710	8/6/1992	0.005	
Zinc	0710	3/11/1993	0.008	
Zinc	0711	5/26/1985	0.005	
Zinc	0711	11/21/1987	0.005	
Zinc	0711	5/16/1988	0.005	
Zinc	0711	9/1/1988	0.01	
Zinc	0711	10/26/1988	0.01	U
Zinc	0711	4/26/1989	0.005	U
Zinc	0711	11/21/1989	0.021	U
Zinc	0711	3/30/1990	0.009	U
Zinc	0711	11/15/1990	0.005	U
Zinc	0711	3/27/1991	0.005	
Zinc	0711	6/1/1991	0.005	
Zinc	0711	10/23/1991	0.005	U
Zinc	0711	3/12/1992	0.005	U
Zinc	0711	8/7/1992	0.005	U
Zinc	0711	3/18/1993	0.01	U
Zinc	0712	3/30/1993	0.012	
Zinc	0713	5/25/1985	0.005	
Zinc	0714	5/25/1985	0.027	
Zinc	0710	3/11/1993	0.005	U
Zinc	0710	7/14/1995	0.05	U
Zinc	0711	3/30/1990	0.063	U
Zinc	0711	11/15/1990	0.038	U
Zinc	0711	3/27/1991	0.011	U
Zinc	0711	3/18/1993	0.007	U
Zinc	0711	7/14/1995	0.05	U
Zinc	0712	3/30/1993	0.015	U
			Mean	0.01318
			Max	0.012

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AATAEDD

Collection Date	ClientSampID	Matrix	Analyte	TestType	FinalVal	PQL	Qual	Units
6/22/2011	UMTRA Well 707	Aqueous	Aluminum	DIS	<0.1	0.1		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Aluminum	TOT	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Aluminum	DIS	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Aluminum	TOT	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Aluminum	DIS	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Aluminum	TOT	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Aluminum	DIS	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Aluminum	TOT	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Aluminum	DIS	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Aluminum	TOT	<0.1	0.1		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Aluminum	DIS	<0.1	0.1		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Aluminum	TOT	<0.1	0.1		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Aluminum	DIS	<0.1	0.1		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Aluminum	TOT	<0.1	0.1		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Arsenic	DIS	0.002	0.001		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Arsenic	TOT	0.002	0.001		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Arsenic	DIS	0.002	0.001		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Arsenic	TOT	0.002	0.001		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Arsenic	DIS	<0.001	0.001		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Arsenic	TOT	<0.0015305	0.0015305	D	mg/L
6/21/2011	UMTRA Well 720	Aqueous	Arsenic	DIS	0.002	0.001		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Arsenic	TOT	0.002	0.001		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Arsenic	DIS	0.004	0.001		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Arsenic	TOT	0.006	0.001		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Arsenic	DIS	0.002	0.001		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Arsenic	TOT	0.003	0.001		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Arsenic	DIS	0.002	0.001		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Arsenic	TOT	0.002	0.001		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Boron	DIS	0.2	0.1		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Boron	TOT	0.2	0.1		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Boron	DIS	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Boron	TOT	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Boron	DIS	0.2	0.1		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Boron	TOT	0.5	0.1554	D	mg/L
6/21/2011	UMTRA Well 720	Aqueous	Boron	DIS	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Boron	TOT	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Boron	DIS	0.2	0.1		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Boron	TOT	0.3	0.1554	D	mg/L
6/22/2011	UMTRA Well 789	Aqueous	Boron	DIS	0.3	0.1		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Boron	TOT	0.3	0.1		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Boron	DIS	0.1	0.1		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Boron	TOT	0.1	0.1		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Calcium	DIS	492	1		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Calcium	DIS	157	1		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Calcium	DIS	412	1		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Calcium	DIS	118	1		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Calcium	DIS	332	1		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Calcium	DIS	558	1		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Calcium	DIS	267	1		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Chloride	TOT	174	4	D	mg/L
6/21/2011	UMTRA Well 710	Aqueous	Chloride	TOT	41	1		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Chloride	TOT	146	4	D	mg/L

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Collection Date	ClientSampID	Matrix	Analyte	TestType	FinalVal	PQL	Qual	Units
6/21/2011	UMTRA Well 720	Aqueous	Chloride	TOT	10	1		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Chloride	TOT	24	4	D	mg/L
6/22/2011	UMTRA Well 789	Aqueous	Chloride	TOT	382	10	D	mg/L
6/22/2011	UMTRA Well 826	Aqueous	Chloride	TOT	46	2	D	mg/L
6/22/2011	UMTRA Well 707	Aqueous	Fluoride	TOT	1.8	0.1		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Fluoride	TOT	0.2	0.1		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Fluoride	TOT	1.4	0.1		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Fluoride	TOT	0.3	0.1		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Fluoride	TOT	1.2	0.1		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Fluoride	TOT	1.5	0.1		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Fluoride	TOT	0.6	0.1		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Gross Alpha	TOT	1220	-1000		pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Gross Alpha	TOT	0.8	-1000	U	pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Gross Alpha	TOT	117	-1000		pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Gross Alpha	TOT	3.6	-1000	U	pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Gross Alpha	TOT	-10	-1000	U	pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Gross Alpha	TOT	2140	-1000		pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Gross Alpha	TOT	70.3	-1000		pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Gross Alpha MDC	TOT	48.7	0		pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Gross Alpha MDC	TOT	9.2	0		pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Gross Alpha MDC	TOT	43.6	0		pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Gross Alpha MDC	TOT	5.9	0		pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Gross Alpha MDC	TOT	23.7	0		pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Gross Alpha MDC	TOT	81.0	0		pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Gross Alpha MDC	TOT	20.5	0		pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Gross Alpha precision (±)	TOT	73.2	0		pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Gross Alpha precision (±)	TOT	5.5	0		pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Gross Alpha precision (±)	TOT	32.5	0		pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Gross Alpha precision (±)	TOT	3.7	0		pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Gross Alpha precision (±)	TOT	13.1	0		pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Gross Alpha precision (±)	TOT	126	0		pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Gross Alpha precision (±)	TOT	16.1	0		pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Gross Beta	TOT	392	-1000		pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Gross Beta	TOT	3.1	-1000	U	pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Gross Beta	TOT	10.9	-1000	U	pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Gross Beta	TOT	4.0	-1000	U	pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Gross Beta	TOT	16.2	-1000	U	pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Gross Beta	TOT	555	-1000		pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Gross Beta	TOT	23.6	-1000		pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Gross Beta MDC	TOT	49.5	0		pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Gross Beta MDC	TOT	10.0	0		pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Gross Beta MDC	TOT	48.7	0		pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Gross Beta MDC	TOT	4.4	0		pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Gross Beta MDC	TOT	17.5	0		pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Gross Beta MDC	TOT	76.6	0		pCi/L

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Collection Date	ClientSampID	Matrix	Analyte	TestType	FinalVal	PQL	Qual	Units
6/22/2011	UMTRA Well 826	Aqueous	Gross Beta MDC	TOT	17.7	0		pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Gross Beta precision (±)	TOT	36.1	0		pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Gross Beta precision (±)	TOT	6.0	0		pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Gross Beta precision (±)	TOT	29.2	0		pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Gross Beta precision (±)	TOT	2.7	0		pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Gross Beta precision (±)	TOT	10.7	0		pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Gross Beta precision (±)	TOT	55.1	0		pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Gross Beta precision (±)	TOT	11.0	0		pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Iron	DIS	0.04	0.03		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Iron	TOT	0.05	0.03		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Iron	DIS	<0.03	0.03		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Iron	TOT	<0.03	0.03		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Iron	DIS	<0.03	0.03		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Iron	TOT	0.06	0.03888	D	mg/L
6/21/2011	UMTRA Well 720	Aqueous	Iron	DIS	<0.03	0.03		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Iron	TOT	<0.03	0.03		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Iron	DIS	<0.03	0.03		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Iron	TOT	0.12	0.03888	D	mg/L
6/22/2011	UMTRA Well 789	Aqueous	Iron	DIS	0.06	0.03		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Iron	TOT	0.07	0.03		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Iron	DIS	<0.03	0.03		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Iron	TOT	0.12	0.03		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Lead 210	TOT	-0.7	-1000	U	pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Lead 210	TOT	-0.4	-1000	U	pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Lead 210	TOT	-1	-1000	U	pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Lead 210	TOT	-0.9	-1000	U	pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Lead 210	TOT	-0.9	-1000	U	pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Lead 210	TOT	-0.9	-1000	U	pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Lead 210	TOT	-1	-1000	U	pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Lead 210 MDC	TOT	1.8	0		pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Lead 210 MDC	TOT	2.0	0		pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Lead 210 MDC	TOT	2.2	0		pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Lead 210 MDC	TOT	2.1	0		pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Lead 210 MDC	TOT	2.3	0		pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Lead 210 MDC	TOT	1.8	0		pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Lead 210 MDC	TOT	1.8	0		pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Lead 210 precision (±)	TOT	1.0	0		pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Lead 210 precision (±)	TOT	1.2	0		pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Lead 210 precision (±)	TOT	1.3	0		pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Lead 210 precision (±)	TOT	1.2	0		pCi/L

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Collection Date	ClientSampID	Matrix	Analyte	TestType	FinalVal	PQL	Qual	Units
6/21/2011	UMTRA Well 784	Aqueous	Lead 210 precision (±)	TOT	1.3	0		pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Lead 210 precision (±)	TOT	1.0	0		pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Lead 210 precision (±)	TOT	1.0	0		pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Magnesium	DIS	168	1		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Magnesium	DIS	37	1		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Magnesium	DIS	112	1		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Magnesium	DIS	30	1		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Magnesium	DIS	30	1		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Magnesium	DIS	441	1		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Magnesium	DIS	82	1		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Manganese	DIS	1.56	0.01		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Manganese	TOT	1.59	0.01		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Manganese	DIS	<0.01	0.01		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Manganese	TOT	<0.01	0.01		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Manganese	DIS	0.66	0.01		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Manganese	TOT	1.67	0.01		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Manganese	DIS	0.08	0.01		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Manganese	TOT	0.08	0.01		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Manganese	DIS	0.71	0.01		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Manganese	TOT	0.71	0.01		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Manganese	DIS	0.68	0.01		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Manganese	TOT	0.66	0.01		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Manganese	DIS	2.39	0.01		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Manganese	TOT	2.41	0.01		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Molybdenum	DIS	1.2	0.1		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Molybdenum	TOT	1.3	0.1		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Molybdenum	DIS	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Molybdenum	TOT	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Molybdenum	DIS	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Molybdenum	TOT	0.2	0.1		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Molybdenum	DIS	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Molybdenum	TOT	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Molybdenum	DIS	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Molybdenum	TOT	<0.1	0.1		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Molybdenum	DIS	0.7	0.1		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Molybdenum	TOT	0.7	0.1		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Molybdenum	DIS	<0.1	0.1		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Molybdenum	TOT	<0.1	0.1		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Nickel	DIS	0.09	0.05		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Nickel	TOT	0.09	0.05		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Nickel	DIS	<0.05	0.05		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Nickel	TOT	<0.05	0.05		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Nickel	DIS	<0.05	0.05		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Nickel	TOT	0.05	0.05		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Nickel	DIS	<0.05	0.05		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Nickel	TOT	<0.05	0.05		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Nickel	DIS	<0.05	0.05		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Nickel	TOT	<0.05	0.05		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Nickel	DIS	0.21	0.05		mg/L

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Collection Date	ClientSampID	Matrix	Analyte	TestType	FinalVal	PQL	Qual	Units
6/22/2011	UMTRA Well 789	Aqueous	Nickel	TOT	0.22	0.05		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Nickel	DIS	<0.05	0.05		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Nickel	TOT	<0.05	0.05		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Organic Carbon, Dissolved (DOC)	TOT	13.9	0.5		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Organic Carbon, Dissolved (DOC)	TOT	3.8	0.5		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Organic Carbon, Dissolved (DOC)	TOT	13.3	0.5		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Organic Carbon, Dissolved (DOC)	TOT	3.4	0.5		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Organic Carbon, Dissolved (DOC)	TOT	2.7	0.5		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Organic Carbon, Dissolved (DOC)	TOT	24.0	0.5		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Organic Carbon, Dissolved (DOC)	TOT	12.4	0.5		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Polonium 210	TOT	0.3	-1000	U	pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Polonium 210	TOT	-0.002	-1000	U	pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Polonium 210	TOT	-0.005	-1000	U	pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Polonium 210	TOT	0.2	-1000	U	pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Polonium 210	TOT	0.07	-1000	U	pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Polonium 210	TOT	0.2	-1000	U	pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Polonium 210	TOT	0.3	-1000	U	pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Polonium 210 MDC	TOT	0.7	0		pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Polonium 210 MDC	TOT	0.4	0		pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Polonium 210 MDC	TOT	0.4	0		pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Polonium 210 MDC	TOT	0.5	0		pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Polonium 210 MDC	TOT	0.9	0		pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Polonium 210 MDC	TOT	0.4	0		pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Polonium 210 MDC	TOT	0.5	0		pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Polonium 210 precision (±)	TOT	0.4	0		pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Polonium 210 precision (±)	TOT	0.2	0		pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Polonium 210 precision (±)	TOT	0.2	0		pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Polonium 210 precision (±)	TOT	0.3	0		pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Polonium 210 precision (±)	TOT	0.4	0		pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Polonium 210 precision (±)	TOT	0.3	0		pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Polonium 210 precision (±)	TOT	0.4	0		pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Potassium	DIS	16	1		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Potassium	DIS	3	1		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Potassium	DIS	13	1		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Potassium	DIS	4	1		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Potassium	DIS	9	1		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Potassium	DIS	20	1		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Potassium	DIS	7	1		mg/L

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Collection Date	ClientSampID	Matrix	Analyte	TestType	FinalVal	PQL	Qual	Units
6/22/2011	UMTRA Well 707	Aqueous	Radium 226	TOT	0.11	-1000	U	pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Radium 226	TOT	-0.05	-1000	U	pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Radium 226	TOT	0.05	-1000	U	pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Radium 226	TOT	-0.03	-1000	U	pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Radium 226	TOT	0.09	-1000	U	pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Radium 226	TOT	-0.07	-1000	U	pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Radium 226	TOT	0.05	-1000	U	pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Radium 226 MDC	TOT	0.17	0		pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Radium 226 MDC	TOT	0.16	0		pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Radium 226 MDC	TOT	0.14	0		pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Radium 226 MDC	TOT	0.16	0		pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Radium 226 MDC	TOT	0.15	0		pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Radium 226 MDC	TOT	0.17	0		pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Radium 226 MDC	TOT	0.17	0		pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Radium 226 precision (±)	TOT	0.12	0		pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Radium 226 precision (±)	TOT	0.07	0		pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Radium 226 precision (±)	TOT	0.09	0		pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Radium 226 precision (±)	TOT	0.08	0		pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Radium 226 precision (±)	TOT	0.10	0		pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Radium 226 precision (±)	TOT	0.08	0		pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Radium 226 precision (±)	TOT	0.11	0		pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Radium 228	TOT	1.6	-1000		pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Radium 228	TOT	7.3	-1000		pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Radium 228	TOT	1.4	-1000		pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Radium 228	TOT	5.4	-1000		pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Radium 228	TOT	5.6	-1000		pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Radium 228	TOT	-0.3	-1000	U	pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Radium 228	TOT	1.1	-1000	U	pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Radium 228 MDC	TOT	1.1	0		pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Radium 228 MDC	TOT	1.3	0		pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Radium 228 MDC	TOT	0.95	0		pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Radium 228 MDC	TOT	1.3	0		pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Radium 228 MDC	TOT	1.2	0		pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Radium 228 MDC	TOT	1.1	0		pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Radium 228 MDC	TOT	1.1	0		pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Radium 228 precision (±)	TOT	0.73	0		pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Radium 228 precision (±)	TOT	1.1	0		pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Radium 228 precision (±)	TOT	0.63	0		pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Radium 228 precision (±)	TOT	1.0	0		pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Radium 228 precision (±)	TOT	0.97	0		pCi/L

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Collection Date	ClientSampID	Matrix	Analyte	TestType	FinalVal	PQL	Qual	Units
6/22/2011	UMTRA Well 789	Aqueous	Radium 228 precision (±)	TOT	0.65	0		pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Radium 228 precision (±)	TOT	0.72	0		pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Selenium	DIS	0.001	0.001		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Selenium	TOT	0.001	0.001		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Selenium	DIS	<0.001	0.001		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Selenium	TOT	<0.001	0.001		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Selenium	DIS	0.003	0.001		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Selenium	TOT	0.010	0.0034795	D	mg/L
6/21/2011	UMTRA Well 720	Aqueous	Selenium	DIS	0.002	0.001		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Selenium	TOT	0.003	0.001		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Selenium	DIS	0.005	0.001		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Selenium	TOT	0.005	0.001		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Selenium	DIS	0.002	0.001		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Selenium	TOT	0.002	0.001		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Selenium	DIS	<0.001	0.001		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Selenium	TOT	<0.001	0.001		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Sodium	DIS	1000	1		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Sodium	DIS	57	1		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Sodium	DIS	816	1		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Sodium	DIS	81	1		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Sodium	DIS	726	1		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Sodium	DIS	2120	1		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Sodium	DIS	412	1		mg/L
			Solids, Total Dissolved					
6/22/2011	UMTRA Well 707	Aqueous	TDS @ 180 C	TOT	5780	19.86491855	D	mg/L
			Solids, Total Dissolved					
6/21/2011	UMTRA Well 710	Aqueous	TDS @ 180 C	TOT	1080	10.11122346		mg/L
			Solids, Total Dissolved					
6/21/2011	UMTRA Well 718	Aqueous	TDS @ 180 C	TOT	4550	14.06074241	D	mg/L
			Solids, Total Dissolved					
6/21/2011	UMTRA Well 720	Aqueous	TDS @ 180 C	TOT	843	10.10713564		mg/L
			Solids, Total Dissolved					
6/21/2011	UMTRA Well 784	Aqueous	TDS @ 180 C	TOT	3490	11.04240283	D	mg/L
			Solids, Total Dissolved					
6/22/2011	UMTRA Well 789	Aqueous	TDS @ 180 C	TOT	10100	34.27004798	D	mg/L
			Solids, Total Dissolved					
6/22/2011	UMTRA Well 826	Aqueous	TDS @ 180 C	TOT	2700	10		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Strontium	DIS	2.7	0.1		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Strontium	TOT	2.7	0.1		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Strontium	DIS	0.9	0.1		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Strontium	TOT	1.0	0.1		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Strontium	DIS	2.4	0.1		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Strontium	TOT	6.0	0.1		mg/L

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Collection Date	ClientSampID	Matrix	Analyte	TestType	FinalVal	PQL	Qual	Units
6/21/2011	UMTRA Well 720	Aqueous	Strontium	DIS	0.9	0.1		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Strontium	TOT	0.9	0.1		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Strontium	DIS	1.5	0.1		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Strontium	TOT	1.6	0.1		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Strontium	DIS	4.5	0.1		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Strontium	TOT	4.6	0.1		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Strontium	DIS	1.9	0.1		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Strontium	TOT	1.9	0.1		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Sulfate	TOT	3640	16	D	mg/L
6/21/2011	UMTRA Well 710	Aqueous	Sulfate	TOT	385	4	D	mg/L
6/21/2011	UMTRA Well 718	Aqueous	Sulfate	TOT	2710	16	D	mg/L
6/21/2011	UMTRA Well 720	Aqueous	Sulfate	TOT	334	4	D	mg/L
6/21/2011	UMTRA Well 784	Aqueous	Sulfate	TOT	2280	16	D	mg/L
6/22/2011	UMTRA Well 789	Aqueous	Sulfate	TOT	6400	40	D	mg/L
6/22/2011	UMTRA Well 826	Aqueous	Sulfate	TOT	1480	8	D	mg/L
6/22/2011	UMTRA Well 707	Aqueous	Sulfide	TOT	<1	1		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Sulfide	TOT	<1	1		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Sulfide	TOT	<1	1		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Sulfide	TOT	<1	1		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Sulfide	TOT	<1	1		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Sulfide	TOT	<1	1		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Sulfide	TOT	<1	1		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Thorium 230	TOT	0.04	-1000	U	pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Thorium 230	TOT	0.006	-1000	U	pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Thorium 230	TOT	0.1	-1000	U	pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Thorium 230	TOT	0.03	-1000	U	pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Thorium 230	TOT	0.02	-1000	U	pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Thorium 230	TOT	0.02	-1000	U	pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Thorium 230	TOT	0.008	-1000	U	pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Thorium 230 MDC	TOT	0.2	0		pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Thorium 230 MDC	TOT	0.1	0		pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Thorium 230 MDC	TOT	0.3	0		pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Thorium 230 MDC	TOT	0.09	0		pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Thorium 230 MDC	TOT	0.1	0		pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Thorium 230 MDC	TOT	0.1	0		pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Thorium 230 MDC	TOT	0.1	0		pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Thorium 230 precision (±)	TOT	0.09	0		pCi/L
6/21/2011	UMTRA Well 710	Aqueous	Thorium 230 precision (±)	TOT	0.05	0		pCi/L
6/21/2011	UMTRA Well 718	Aqueous	Thorium 230 precision (±)	TOT	0.2	0		pCi/L
6/21/2011	UMTRA Well 720	Aqueous	Thorium 230 precision (±)	TOT	0.05	0		pCi/L
6/21/2011	UMTRA Well 784	Aqueous	Thorium 230 precision (±)	TOT	0.06	0		pCi/L
6/22/2011	UMTRA Well 789	Aqueous	Thorium 230 precision (±)	TOT	0.06	0		pCi/L
6/22/2011	UMTRA Well 826	Aqueous	Thorium 230 precision (±)	TOT	0.06	0		pCi/L
6/22/2011	UMTRA Well 707	Aqueous	Uranium	DIS	1.44	0.0003		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Uranium	TOT	1.48	0.0003		mg/L

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Collection Date	ClientSampID	Matrix	Analyte	TestType	FinalVal	PQL	Qual	Units
6/21/2011	UMTRA Well 710	Aqueous	Uranium	DIS	0.0085	0.0003		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Uranium	TOT	0.0105	0.0003		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Uranium	DIS	0.205	0.0003		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Uranium	TOT	0.211	0.0003		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Uranium	DIS	0.0082	0.0003		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Uranium	TOT	0.0101	0.0003		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Uranium	DIS	0.0158	0.0003		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Uranium	TOT	0.0183	0.0003		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Uranium	DIS	2.43	0.0003		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Uranium	TOT	3.12	0.0004205	D	mg/L
6/22/2011	UMTRA Well 826	Aqueous	Uranium	DIS	0.0616	0.0003		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Uranium	TOT	0.0608	0.0003		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Vanadium	DIS	<0.1	0.1		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Vanadium	TOT	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Vanadium	DIS	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Vanadium	TOT	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Vanadium	DIS	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Vanadium	TOT	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Vanadium	DIS	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Vanadium	TOT	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Vanadium	DIS	<0.1	0.1		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Vanadium	TOT	<0.1	0.1		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Vanadium	DIS	<0.1	0.1		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Vanadium	TOT	<0.1	0.1		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Vanadium	DIS	<0.1	0.1		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Vanadium	TOT	<0.1	0.1		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Zinc	DIS	0.02	0.01		mg/L
6/22/2011	UMTRA Well 707	Aqueous	Zinc	TOT	0.02	0.01		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Zinc	DIS	<0.01	0.01		mg/L
6/21/2011	UMTRA Well 710	Aqueous	Zinc	TOT	<0.01	0.01		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Zinc	DIS	<0.01	0.01		mg/L
6/21/2011	UMTRA Well 718	Aqueous	Zinc	TOT	0.04	0.01		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Zinc	DIS	<0.01	0.01		mg/L
6/21/2011	UMTRA Well 720	Aqueous	Zinc	TOT	<0.01	0.01		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Zinc	DIS	<0.01	0.01		mg/L
6/21/2011	UMTRA Well 784	Aqueous	Zinc	TOT	<0.01	0.01		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Zinc	DIS	0.03	0.01427		mg/L
6/22/2011	UMTRA Well 789	Aqueous	Zinc	TOT	0.04	0.01234		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Zinc	DIS	<0.01	0.01		mg/L
6/22/2011	UMTRA Well 826	Aqueous	Zinc	TOT	<0.01	0.01		mg/L

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Groundwater Seasonal Variation

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ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	SAMPLE_ ID	RESULT	LAB_ QUALIFIERS
Manganese	0101	3/30/1990	N001	0.02	
Manganese	0101	11/15/1990	N001	0.01	
Manganese	0101	3/27/1991	N001	0.02	
Manganese	0101	5/31/1991	0001	0.02	
Manganese	0101	10/25/1991	0001	0.04	
Manganese	0104	11/15/1990	N001	0.02	
Manganese	0104	3/27/1991	N001	0.14	
Manganese	0104	6/1/1991	0001	0.01	U
Manganese	0104	10/24/1991	N001	0.01	U
Manganese	0706	3/30/1990	N001	1	
Manganese	0706	11/15/1990	0001	0.79	
Manganese	0706	3/12/1991	0001	0.55	
Manganese	0706	10/26/1991	0001	0.48	
Manganese	0707	4/1/1990	N001	4.81	
Manganese	0707	11/19/1990	0001	5.04	
Manganese	0707	3/12/1991	0001	4.83	
Manganese	0707	6/1/1991	0001	4.97	
Manganese	0707	10/25/1991	0001	6.4	
Manganese	0707	6/3/2009	N001	0.95	
Manganese	0707	11/4/2009	N001	0.9	
Manganese	0707	6/24/2010	N001	2.3	
Manganese	0707	9/15/2010	N001	2.1	
Manganese	0707	11/3/2010	N001	1.95	
Manganese	0710	3/13/1991	0001	0.01	U
Manganese	0710	6/1/1991	0001	0.01	U
Manganese	0710	10/23/1991	0001	0.03	
Manganese	0710	6/2/2009	N001	0.029	
Manganese	0710	11/3/2009	N001	0.014	
Manganese	0710	6/23/2010	N001	0.023	
Manganese	0710	11/2/2010	N001	0.0182	
Manganese	0711	3/30/1990	N001	1.04	
Manganese	0711	11/15/1990	N001	1.04	
Manganese	0711	3/27/1991	N001	0.62	
Manganese	0711	6/1/1991	0001	0.7	
Manganese	0711	10/23/1991	0001	1.4	
Manganese	0716	6/2/2009	N001	0.34	
Manganese	0716	11/3/2009	N001	0.21	
Manganese	0716	6/23/2010	N001	0.3	
Manganese	0716	11/2/2010	N001	0.376	
Manganese	0718	6/4/2009	N001	0.37	
Manganese	0718	11/3/2009	N001	0.93	
Manganese	0718	6/24/2010	N001	0.36	
Manganese	0718	11/2/2010	N001	0.991	
Manganese	0720	6/3/2009	N001	0.0067	
Manganese	0720	11/3/2009	N001	0.0077	
Manganese	0720	6/24/2010	N001	0.3	
Manganese	0720	11/3/2010	N001	0.017	
Manganese	0729	6/3/2009	N001	0.0039	B
Manganese	0729	11/3/2009	N001	0.0011	B
Manganese	0729	6/23/2010	N001	0.0082	
Manganese	0729	11/3/2010	N001	0.00423	B
Manganese	0784	6/2/2009	N001	0.26	

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	SAMPLE_ ID	RESULT	LAB_ QUALIFIERS
Manganese	0784	11/4/2009	N001	0.3	
Manganese	0784	6/23/2010	N001	1	
Manganese	0784	11/2/2010	N001	0.839	
Manganese	0788	6/3/2009	N001	0.029	
Manganese	0788	11/4/2009	N001	0.0077	
Manganese	0788	6/24/2010	N001	0.024	B
Manganese	0788	9/15/2010	N001	0.092	
Manganese	0788	11/3/2010	N001	0.195	
Manganese	0789	6/3/2009	N001	0.033	
Manganese	0789	11/4/2009	N001	0.22	
Manganese	0789	6/24/2010	N001	1.1	
Manganese	0789	9/15/2010	N001	0.37	
Manganese	0789	11/3/2010	N001	0.347	
Manganese	0809	6/3/2009	N001	0.8	
Manganese	0809	11/4/2009	N001	0.73	
Manganese	0824	6/4/2009	N001	0.0021	B
Manganese	0824	11/4/2009	N001	0.0015	B
Manganese	0824	6/24/2010	N001	0.00042	B
Manganese	0824	11/3/2010	N001	0.00534	B
Manganese	0826	6/3/2009	N001	0.57	
Manganese	0826	11/4/2009	N001	0.71	
Manganese	0826	6/24/2010	N001	2.7	
Manganese	0826	11/3/2010	N001	2.47	
Manganese	0722R	6/3/2009	N001	0.0031	B
Manganese	0722R	11/3/2009	N001	0.00013	B
Manganese	0722R	6/24/2010	N001	0.0017	B
Manganese	0722R	11/2/2010	N001	0.0208	
Molybdenum	0101	3/30/1990	N001	0.06	
Molybdenum	0101	11/15/1990	N001	0.05	
Molybdenum	0101	3/27/1991	N001	0.05	
Molybdenum	0101	5/31/1991	0001	0.04	
Molybdenum	0101	10/25/1991	0001	0.05	
Molybdenum	0104	11/15/1990	N001	0.06	
Molybdenum	0104	3/27/1991	N001	0.08	
Molybdenum	0104	6/1/1991	0001	0.08	
Molybdenum	0104	10/24/1991	N001	0.14	
Molybdenum	0706	3/30/1990	N001	0.01	U
Molybdenum	0706	11/15/1990	0001	0.01	U
Molybdenum	0706	3/12/1991	0001	0.01	U
Molybdenum	0706	10/26/1991	0001	0.01	U
Molybdenum	0707	4/1/1990	N001	0.7	
Molybdenum	0707	11/19/1990	0001	0.83	
Molybdenum	0707	3/12/1991	0001	0.68	
Molybdenum	0707	6/1/1991	0001	0.68	
Molybdenum	0707	10/25/1991	0001	0.96	
Molybdenum	0707	6/3/2009	N001	0.59	
Molybdenum	0707	11/4/2009	N001	0.68	
Molybdenum	0707	6/24/2010	N001	1.6	
Molybdenum	0707	9/15/2010	N001	1.7	
Molybdenum	0707	11/3/2010	N001	1.48	
Molybdenum	0710	3/13/1991	0001	0.01	U
Molybdenum	0710	6/1/1991	0001	0.01	U

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	SAMPLE_ ID	RESULT	LAB_ QUALIFIERS
Molybdenum	0710	10/23/1991	0001	0.01	U
Molybdenum	0710	6/2/2009	N001	0.0017	
Molybdenum	0710	11/3/2009	N001	0.0019	
Molybdenum	0710	6/23/2010	N001	0.00032	U
Molybdenum	0710	11/2/2010	N001	0.00216	B
Molybdenum	0711	3/30/1990	N001	0.01	U
Molybdenum	0711	11/15/1990	N001	0.01	U
Molybdenum	0711	3/27/1991	N001	0.01	U
Molybdenum	0711	6/1/1991	0001	0.01	U
Molybdenum	0711	10/23/1991	0001	0.01	U
Molybdenum	0716	6/2/2009	N001	0.17	
Molybdenum	0716	11/3/2009	N001	0.16	
Molybdenum	0716	6/23/2010	N001	0.14	
Molybdenum	0716	11/2/2010	N001	0.152	
Molybdenum	0718	6/4/2009	N001	0.073	
Molybdenum	0718	11/3/2009	N001	0.12	
Molybdenum	0718	6/24/2010	N001	0.055	
Molybdenum	0718	11/2/2010	N001	0.148	
Molybdenum	0720	6/3/2009	N001	0.0012	
Molybdenum	0720	11/3/2009	N001	0.0015	
Molybdenum	0720	6/24/2010	N001	0.0018	
Molybdenum	0720	11/3/2010	N001	0.00176	B
Molybdenum	0729	6/3/2009	N001	0.0031	
Molybdenum	0729	11/3/2009	N001	0.0037	
Molybdenum	0729	6/23/2010	N001	0.0026	
Molybdenum	0729	11/3/2010	N001	0.00378	
Molybdenum	0784	6/2/2009	N001	0.015	
Molybdenum	0784	11/4/2009	N001	0.016	
Molybdenum	0784	6/23/2010	N001	0.034	
Molybdenum	0784	11/2/2010	N001	0.0144	
Molybdenum	0788	6/3/2009	N001	0.023	
Molybdenum	0788	11/4/2009	N001	0.024	
Molybdenum	0788	6/24/2010	N001	0.023	
Molybdenum	0788	9/15/2010	N001	0.027	
Molybdenum	0788	11/3/2010	N001	0.0299	
Molybdenum	0789	6/3/2009	N001	0.36	
Molybdenum	0789	11/4/2009	N001	0.51	
Molybdenum	0789	6/24/2010	N001	0.45	
Molybdenum	0789	9/15/2010	N001	0.71	
Molybdenum	0789	11/3/2010	N001	0.723	
Molybdenum	0809	6/3/2009	N001	0.0024	
Molybdenum	0809	11/4/2009	N001	0.0017	
Molybdenum	0824	6/4/2009	N001	0.0037	
Molybdenum	0824	11/4/2009	N001	0.0041	
Molybdenum	0824	6/24/2010	N001	0.0037	
Molybdenum	0824	11/3/2010	N001	0.00503	
Molybdenum	0826	6/3/2009	N001	0.021	
Molybdenum	0826	11/4/2009	N001	0.023	
Molybdenum	0826	6/24/2010	N001	0.046	
Molybdenum	0826	11/3/2010	N001	0.0468	
Molybdenum	0722R	6/3/2009	N001	0.065	
Molybdenum	0722R	11/3/2009	N001	0.072	

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	SAMPLE_ ID	RESULT	LAB_ QUALIFIERS
Molybdenum	0722R	6/24/2010	N001	0.11	
Molybdenum	0722R	11/2/2010	N001	0.113	
Specific Conductance	0101	3/30/1990	N001	700	
Specific Conductance	0101	11/15/1990	N001	848	
Specific Conductance	0101	3/27/1991	N001	1068	
Specific Conductance	0101	5/31/1991	N001	1168	
Specific Conductance	0101	10/25/1991	N001	1137	
Specific Conductance	0104	11/15/1990	N001	967	
Specific Conductance	0104	3/27/1991	N001	1111	
Specific Conductance	0104	6/1/1991	N001	926	
Specific Conductance	0104	10/24/1991	N001	1155	
Specific Conductance	0706	3/30/1990	N001	650	
Specific Conductance	0706	11/15/1990	N001	1018	
Specific Conductance	0706	3/12/1991	N001	1093	
Specific Conductance	0706	10/26/1991	N001	867	
Specific Conductance	0707	4/1/1990	N001	3200	
Specific Conductance	0707	11/19/1990	N001	5020	
Specific Conductance	0707	3/12/1991	N001	5250	
Specific Conductance	0707	6/1/1991	N001	5190	
Specific Conductance	0707	10/25/1991	N001	8340	
Specific Conductance	0707	6/3/2009	N001	3469	
Specific Conductance	0707	11/4/2009	N001	3651	
Specific Conductance	0707	6/24/2010	N001	11640	
Specific Conductance	0707	9/15/2010	N001	8630	
Specific Conductance	0707	11/3/2010	N001	8448	
Specific Conductance	0710	3/13/1991	N001	561	
Specific Conductance	0710	6/1/1991	N001	628	
Specific Conductance	0710	10/23/1991	N001	491	
Specific Conductance	0710	6/2/2009	N001	677	
Specific Conductance	0710	11/3/2009	N001	492	
Specific Conductance	0710	6/23/2010	N001	1304	
Specific Conductance	0710	11/2/2010	N001	844	
Specific Conductance	0711	3/30/1990	N001	400	
Specific Conductance	0711	11/15/1990	N001	1018	
Specific Conductance	0711	3/27/1991	N001	676	
Specific Conductance	0711	6/1/1991	N001	654	
Specific Conductance	0711	10/23/1991	N001	1131	
Specific Conductance	0716	6/2/2009	N001	1116	
Specific Conductance	0716	11/3/2009	N001	1214	
Specific Conductance	0716	6/23/2010	N001	1320	
Specific Conductance	0716	11/2/2010	N001	1561	
Specific Conductance	0718	6/4/2009	N001	3443	
Specific Conductance	0718	11/3/2009	N001	4479	
Specific Conductance	0718	6/24/2010	N001	4122	
Specific Conductance	0718	11/2/2010	N001	6505	
Specific Conductance	0720	6/3/2009	N001	808	
Specific Conductance	0720	11/3/2009	N001	735	
Specific Conductance	0720	6/24/2010	N001	1685	
Specific Conductance	0720	11/3/2010	N001	793	
Specific Conductance	0729	6/3/2009	N001	840	
Specific Conductance	0729	11/3/2009	N001	719	
Specific Conductance	0729	6/23/2010	N001	727	

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	SAMPLE_ ID	RESULT	LAB_ QUALIFIERS
Specific Conductance	0729	11/3/2010	N001	775	
Specific Conductance	0784	6/2/2009	N001	5034	
Specific Conductance	0784	11/4/2009	N001	4588	
Specific Conductance	0784	6/23/2010	N001	5978	
Specific Conductance	0784	11/2/2010	N001	4859	
Specific Conductance	0788	6/3/2009	N001	1901	
Specific Conductance	0788	11/4/2009	N001	1913	
Specific Conductance	0788	6/24/2010	N001	8527	
Specific Conductance	0788	9/15/2010	N001	4265	
Specific Conductance	0788	11/3/2010	N001	4808	
Specific Conductance	0789	6/3/2009	N001	7981	
Specific Conductance	0789	11/4/2009	N001	6574	
Specific Conductance	0789	6/24/2010	N001	15505	
Specific Conductance	0789	9/15/2010	N001	16600	
Specific Conductance	0789	11/3/2010	N001	13744	
Specific Conductance	0809	6/3/2009	N001	697	
Specific Conductance	0809	11/4/2009	N001	885	
Specific Conductance	0824	6/4/2009	N001	910	
Specific Conductance	0824	11/4/2009	N001	938	
Specific Conductance	0824	6/24/2010	N001	981	
Specific Conductance	0824	11/3/2010	N001	1013	
Specific Conductance	0826	6/3/2009	N001	1516	
Specific Conductance	0826	11/4/2009	N001	1814	
Specific Conductance	0826	6/24/2010	N001	4653	
Specific Conductance	0826	11/3/2010	N001	4519	
Specific Conductance	0722R	6/3/2009	N001	1874	
Specific Conductance	0722R	11/3/2009	N001	1511	
Specific Conductance	0722R	6/24/2010	N001	2031	
Specific Conductance	0722R	11/2/2010	N001	2627	
Sulfate	0101	3/30/1990	N001	267	
Sulfate	0101	11/15/1990	N001	221	
Sulfate	0101	3/27/1991	0001	270	
Sulfate	0101	5/31/1991	0001	306	
Sulfate	0101	10/25/1991	0001	256	
Sulfate	0104	11/15/1990	N001	275	
Sulfate	0104	3/27/1991	0001	272	
Sulfate	0104	6/1/1991	0001	259	
Sulfate	0104	10/24/1991	N001	267	
Sulfate	0706	3/30/1990	N001	407	
Sulfate	0706	11/15/1990	0001	345	
Sulfate	0706	3/12/1991	0001	354	
Sulfate	0706	10/26/1991	0001	245	
Sulfate	0707	4/1/1990	N001	2880	
Sulfate	0707	11/19/1990	0001	2760	
Sulfate	0707	3/12/1991	0001	2890	
Sulfate	0707	6/1/1991	0001	2910	
Sulfate	0707	10/25/1991	0001	4430	
Sulfate	0707	6/3/2009	N001	1800	
Sulfate	0707	11/4/2009	N001	1900	
Sulfate	0707	6/24/2010	N001	7000	
Sulfate	0707	9/15/2010	N001	4900	
Sulfate	0707	11/3/2010	N001	4230	

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	SAMPLE_ ID	RESULT	LAB_ QUALIFIERS
Sulfate	0710	3/13/1991	0001	101	
Sulfate	0710	6/1/1991	0001	118	
Sulfate	0710	10/23/1991	0001	84.7	
Sulfate	0710	6/2/2009	N001	130	
Sulfate	0710	11/3/2009	N001	79	
Sulfate	0710	6/23/2010	N001	400	
Sulfate	0710	11/2/2010	N001	146	
Sulfate	0711	3/30/1990	N001	161	
Sulfate	0711	11/15/1990	N001	281	
Sulfate	0711	3/27/1991	0001	150	
Sulfate	0711	6/1/1991	0001	137	
Sulfate	0711	10/23/1991	0001	379	
Sulfate	0716	6/2/2009	N001	290	
Sulfate	0716	11/3/2009	N001	350	
Sulfate	0716	6/23/2010	N001	370	
Sulfate	0716	11/2/2010	N001	410	
Sulfate	0718	6/4/2009	N001	1500	
Sulfate	0718	11/3/2009	N001	2200	
Sulfate	0718	6/24/2010	N001	1800	
Sulfate	0718	11/2/2010	N001	3050	
Sulfate	0720	6/3/2009	N001	180	
Sulfate	0720	11/3/2009	N001	170	
Sulfate	0720	6/24/2010	N001	640	
Sulfate	0720	11/3/2010	N001	176	
Sulfate	0729	6/3/2009	N001	120	
Sulfate	0729	11/3/2009	N001	94	
Sulfate	0729	6/23/2010	N001	73	
Sulfate	0729	11/3/2010	N001	132	
Sulfate	0784	6/2/2009	N001	2500	
Sulfate	0784	11/4/2009	N001	2300	
Sulfate	0784	6/23/2010	N001	3200	
Sulfate	0784	11/2/2010	N001	2180	
Sulfate	0788	6/3/2009	N001	660	
Sulfate	0788	11/4/2009	N001	630	
Sulfate	0788	6/24/2010	N001	4500	
Sulfate	0788	9/15/2010	N001	1800	
Sulfate	0788	11/3/2010	N001	2020	
Sulfate	0789	6/3/2009	N001	4500	
Sulfate	0789	11/4/2009	N001	3900	
Sulfate	0789	6/24/2010	N001	9400	
Sulfate	0789	9/15/2010	N001	9700	
Sulfate	0789	11/3/2010	N001	6890	
Sulfate	0809	6/3/2009	N001	270	
Sulfate	0809	11/4/2009	N001	290	
Sulfate	0824	6/4/2009	N001	160	
Sulfate	0824	11/4/2009	N001	150	
Sulfate	0824	6/24/2010	N001	190	
Sulfate	0824	11/3/2010	N001	169	
Sulfate	0826	6/3/2009	N001	460	
Sulfate	0826	11/4/2009	N001	580	
Sulfate	0826	6/24/2010	N001	2400	
Sulfate	0826	11/3/2010	N001	1820	

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	SAMPLE_ ID	RESULT	LAB_ QUALIFIERS
Sulfate	0722R	6/3/2009	N001	870	
Sulfate	0722R	11/3/2009	N001	610	
Sulfate	0722R	6/24/2010	N001	790	
Sulfate	0722R	11/2/2010	N001	1110	
Uranium	0101	3/30/1990	N001	0.146	
Uranium	0101	11/15/1990	N001	0.0749	
Uranium	0101	3/27/1991	N001	0.153	
Uranium	0101	5/31/1991	0001	0.195	
Uranium	0101	10/25/1991	0001	0.0704	
Uranium	0104	11/15/1990	N001	0.0749	
Uranium	0104	3/27/1991	N001	0.119	
Uranium	0104	6/1/1991	0001	0.042	
Uranium	0104	10/24/1991	N001	0.073	
Uranium	0706	3/30/1990	N001	0.013	
Uranium	0706	11/15/1990	0001	0.0093	
Uranium	0706	3/12/1991	0001	0.011	
Uranium	0706	10/26/1991	0001	0.0057	
Uranium	0707	4/1/1990	N001	0.974	
Uranium	0707	11/19/1990	0001	1	
Uranium	0707	3/12/1991	0001	0.729	
Uranium	0707	6/1/1991	0001	1.02	
Uranium	0707	10/25/1991	0001	1.97	
Uranium	0707	6/3/2009	N001	0.74	
Uranium	0707	11/4/2009	N001	0.84	
Uranium	0707	6/24/2010	N001	2.7	
Uranium	0707	9/15/2010	N001	1.5	
Uranium	0707	11/3/2010	N001	1.78	
Uranium	0710	3/13/1991	0001	0.003	
Uranium	0710	6/1/1991	0001	0.001	U
Uranium	0710	10/23/1991	0001	0.004	
Uranium	0710	6/2/2009	N001	0.0051	
Uranium	0710	11/3/2009	N001	0.0026	
Uranium	0710	6/23/2010	N001	0.0081	
Uranium	0710	11/2/2010	N001	0.00383	
Uranium	0711	3/30/1990	N001	0.002	
Uranium	0711	11/15/1990	N001	0.0027	
Uranium	0711	3/27/1991	N001	0.001	U
Uranium	0711	6/1/1991	0001	0.001	
Uranium	0711	10/23/1991	0001	0.0046	
Uranium	0716	6/2/2009	N001	0.19	
Uranium	0716	11/3/2009	N001	0.24	
Uranium	0716	6/23/2010	N001	0.21	
Uranium	0716	11/2/2010	N001	0.29	
Uranium	0718	6/4/2009	N001	0.19	
Uranium	0718	11/3/2009	N001	0.24	
Uranium	0718	6/24/2010	N001	0.19	
Uranium	0718	11/2/2010	N001	0.297	
Uranium	0720	6/3/2009	N001	0.0062	
Uranium	0720	11/3/2009	N001	0.0049	
Uranium	0720	6/24/2010	N001	0.011	
Uranium	0720	11/3/2010	N001	0.00555	
Uranium	0729	6/3/2009	N001	0.014	

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	SAMPLE_ ID	RESULT	LAB_ QUALIFIERS
Uranium	0729	11/3/2009	N001	0.0072	
Uranium	0729	6/23/2010	N001	0.0052	
Uranium	0729	11/3/2010	N001	0.00599	
Uranium	0784	6/2/2009	N001	0.0027	
Uranium	0784	11/4/2009	N001	0.0018	
Uranium	0784	6/23/2010	N001	0.035	
Uranium	0784	11/2/2010	N001	0.0043	
Uranium	0788	6/3/2009	N001	0.033	
Uranium	0788	11/4/2009	N001	0.034	
Uranium	0788	6/24/2010	N001	0.1	
Uranium	0788	9/15/2010	N001	0.058	
Uranium	0788	11/3/2010	N001	0.0745	
Uranium	0789	6/3/2009	N001	2.1	
Uranium	0789	11/4/2009	N001	1.3	
Uranium	0789	6/24/2010	N001	2.3	
Uranium	0789	9/15/2010	N001	2.5	
Uranium	0789	11/3/2010	N001	2.64	
Uranium	0809	6/3/2009	N001	0.001	
Uranium	0809	11/4/2009	N001	0.0065	
Uranium	0824	6/4/2009	N001	0.02	
Uranium	0824	11/4/2009	N001	0.019	
Uranium	0824	6/24/2010	N001	0.018	
Uranium	0824	11/3/2010	N001	0.0178	
Uranium	0826	6/3/2009	N001	0.036	
Uranium	0826	11/4/2009	N001	0.041	
Uranium	0826	6/24/2010	N001	0.08	
Uranium	0826	11/3/2010	N001	0.0784	
Uranium	0722R	6/3/2009	N001	0.7	
Uranium	0722R	11/3/2009	N001	0.45	
Uranium	0722R	6/24/2010	N001	0.54	
Uranium	0722R	11/2/2010	N001	0.759	

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ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	SAMPLE_ID	RESULT	LAB_ QUALIFIERS
Manganese	0747	6/16/2005	0001	0.49	
Manganese	0747	10/13/2005	0001	0.455	
Manganese	0747	6/6/2007	0001	0.18	
Manganese	0747	11/14/2007	0001	0.49	
Manganese	0747	6/12/2008	0001	0.24	
Manganese	0747	11/5/2008	0001	0.51	
Manganese	0747	6/3/2009	0001	0.077	
Manganese	0747	11/4/2009	0001	0.33	
Manganese	0747	11/4/2009	0002	0.31	
Manganese	0747	6/24/2010	N001	0.21	
Manganese	0747	11/3/2010	0001	2.45	
Manganese	0749	6/16/2005	N001	0.01	
Manganese	0749	10/12/2005	0001	0.0256	
Manganese	0749	6/15/2006	0002	0.031	
Manganese	0749	6/5/2007	N001	0.017	
Manganese	0749	11/14/2007	0001	0.025	
Manganese	0749	6/12/2008	0001	0.036	
Manganese	0749	11/4/2008	N001	0.095	
Manganese	0749	6/2/2009	0001	0.064	
Manganese	0749	11/4/2009	N001	0.045	
Manganese	0749	6/23/2010	N001	0.12	
Manganese	0749	11/2/2010	N001	0.153	
Manganese	0794	6/14/2005	0001	0.0066	
Manganese	0794	10/11/2005	N001	0.0334	
Manganese	0794	6/5/2007	N001	0.019	
Manganese	0794	11/14/2007	0001	0.023	
Manganese	0794	6/11/2008	0001	0.011	
Manganese	0794	11/4/2008	0001	0.021	E
Manganese	0794	6/2/2009	0001	0.0097	
Manganese	0794	11/3/2009	0001	0.025	
Manganese	0794	6/23/2010	0001	0.01	E
Manganese	0794	11/3/2010	N001	0.0426	
Manganese	0796	6/14/2005	0001	0.0073	
Manganese	0796	10/11/2005	N001	0.0327	
Manganese	0796	6/5/2007	0001	0.0092	
Manganese	0796	11/13/2007	N001	0.031	
Manganese	0796	6/11/2008	0001	0.016	
Manganese	0796	11/3/2008	0001	0.02	
Manganese	0796	6/2/2009	0001	0.0082	
Manganese	0796	11/4/2009	0001	0.023	
Manganese	0796	6/24/2010	0001	0.0084	
Manganese	0796	11/3/2010	N001	0.0388	
Manganese	0810	6/15/2005	N001	0.03	
Manganese	0810	10/11/2005	N001	0.0732	
Manganese	0810	6/7/2007	0001	0.024	
Manganese	0810	11/13/2007	0001	0.029	
Manganese	0810	6/11/2008	N001	0.024	
Manganese	0810	11/3/2008	N001	0.095	
Manganese	0810	6/2/2009	N001	0.036	
Manganese	0810	11/3/2009	N001	0.047	
Manganese	0810	6/23/2010	N001	0.036	
Manganese	0810	11/3/2010	N001	0.0405	

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	SAMPLE_ID	RESULT	LAB_ QUALIFIERS
Manganese	0811	6/16/2005	0001	0.0043	B
Manganese	0811	10/13/2005	N001	0.0531	
Manganese	0811	6/7/2007	0001	0.0052	
Manganese	0811	11/14/2007	N001	0.03	
Manganese	0811	6/12/2008	0001	0.2	
Manganese	0811	11/5/2008	N001	0.025	
Manganese	0811	6/3/2009	0001	0.0093	
Manganese	0811	11/4/2009	0001	0.024	
Manganese	0811	6/24/2010	0001	0.0083	
Manganese	0811	11/3/2010	N001	0.0387	
Manganese	0812	6/15/2005	0001	0.012	
Manganese	0812	10/13/2005	N001	0.0403	
Manganese	0812	6/7/2007	0001	0.011	
Manganese	0812	11/14/2007	N001	0.03	
Manganese	0812	6/11/2008	0001	0.0097	
Manganese	0812	11/5/2008	N001	0.031	
Manganese	0812	6/4/2009	0001	0.01	
Manganese	0812	11/4/2009	0001	0.024	
Manganese	0812	6/24/2010	0001	0.0087	
Manganese	0812	11/3/2010	N001	0.0448	
Manganese	0822	6/14/2005	N001	0.0071	
Manganese	0822	10/11/2005	0001	0.0459	
Manganese	0822	6/5/2007	N001	0.022	
Manganese	0822	11/13/2007	N001	0.064	
Manganese	0822	6/11/2008	N001	0.014	
Manganese	0822	11/4/2008	0001	0.1	
Manganese	0822	6/3/2009	0001	0.019	
Manganese	0822	11/3/2009	0001	0.15	
Manganese	0822	6/24/2010	N001	0.089	
Manganese	0822	11/3/2010	N001	0.0351	
Manganese	0823	6/15/2005	0001	0.0097	
Manganese	0823	10/11/2005	N001	0.0342	
Manganese	0823	6/6/2007	0001	0.0098	
Manganese	0823	11/14/2007	N001	0.0098	
Manganese	0823	6/11/2008	N001	0.063	
Manganese	0823	11/4/2008	0001	0.0077	
Manganese	0823	6/2/2009	N001	0.068	
Manganese	0823	11/3/2009	N001	0.0072	
Manganese	0823	6/23/2010	N001	0.018	
Manganese	0823	11/2/2010	N001	0.053	
Molybdenum	0747	6/16/2005	0001	0.0083	
Molybdenum	0747	10/13/2005	0001	0.0233	
Molybdenum	0747	10/13/2005	N002	0.0234	
Molybdenum	0747	6/6/2007	0001	0.016	
Molybdenum	0747	6/6/2007	0002	0.017	
Molybdenum	0747	11/14/2007	0001	0.022	
Molybdenum	0747	11/14/2007	0002	0.024	
Molybdenum	0747	6/12/2008	0001	0.01	
Molybdenum	0747	11/5/2008	0001	0.013	
Molybdenum	0747	6/3/2009	0001	0.001	
Molybdenum	0747	11/4/2009	0001	0.013	
Molybdenum	0747	6/24/2010	N001	0.0018	

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	SAMPLE_ID	RESULT	LAB_ QUALIFIERS
Molybdenum	0747	11/3/2010	0001	0.0251	
Molybdenum	0749	6/16/2005	N001	0.0084	
Molybdenum	0749	10/12/2005	0001	0.0121	
Molybdenum	0749	6/15/2006	0002	0.0041	
Molybdenum	0749	6/5/2007	N001	0.0057	
Molybdenum	0749	11/14/2007	0001	0.0077	
Molybdenum	0749	6/12/2008	0001	0.0072	
Molybdenum	0749	11/4/2008	N001	0.023	
Molybdenum	0749	6/2/2009	0001	0.0089	
Molybdenum	0749	11/4/2009	N001	0.007	
Molybdenum	0749	6/23/2010	N001	0.008	
Molybdenum	0749	11/2/2010	N001	0.0242	
Molybdenum	0794	6/14/2005	0001	0.00072	B
Molybdenum	0794	10/11/2005	N001	0.0015	
Molybdenum	0794	6/5/2007	N001	0.0015	
Molybdenum	0794	11/14/2007	0001	0.0014	
Molybdenum	0794	6/11/2008	0001	0.00068	B
Molybdenum	0794	11/4/2008	0001	0.0014	
Molybdenum	0794	6/2/2009	0001	0.00079	B
Molybdenum	0794	11/3/2009	0001	0.0014	
Molybdenum	0794	6/23/2010	0001	0.00032	U
Molybdenum	0794	11/3/2010	N001	0.00169	B
Molybdenum	0796	6/14/2005	0001	0.0021	
Molybdenum	0796	10/11/2005	N001	0.0014	B
Molybdenum	0796	6/5/2007	0001	0.00075	B
Molybdenum	0796	11/13/2007	N001	0.0018	
Molybdenum	0796	6/11/2008	0001	0.00076	B
Molybdenum	0796	11/3/2008	0001	0.0016	
Molybdenum	0796	6/2/2009	0001	0.00061	B
Molybdenum	0796	11/4/2009	0001	0.0014	
Molybdenum	0796	6/24/2010	0001	0.00032	U
Molybdenum	0796	11/3/2010	N001	0.00169	B
Molybdenum	0810	6/15/2005	N001	0.0014	
Molybdenum	0810	10/11/2005	N001	0.0021	B
Molybdenum	0810	6/7/2007	0001	0.0012	
Molybdenum	0810	11/13/2007	0001	0.0021	
Molybdenum	0810	6/11/2008	N001	0.0011	
Molybdenum	0810	6/11/2008	N002	0.0012	
Molybdenum	0810	11/3/2008	N001	0.0018	
Molybdenum	0810	6/2/2009	N001	0.001	
Molybdenum	0810	11/3/2009	N001	0.0012	
Molybdenum	0810	6/23/2010	N001	0.00032	U
Molybdenum	0810	11/3/2010	N001	0.00272	B
Molybdenum	0811	6/16/2005	0001	0.0007	B
Molybdenum	0811	10/13/2005	N001	0.0017	
Molybdenum	0811	6/7/2007	0001	0.00054	B
Molybdenum	0811	11/14/2007	N001	0.0014	
Molybdenum	0811	6/12/2008	0001	0.0011	
Molybdenum	0811	11/5/2008	N001	0.0015	
Molybdenum	0811	6/3/2009	0001	0.00064	B
Molybdenum	0811	11/4/2009	0001	0.0014	
Molybdenum	0811	6/24/2010	0001	0.00032	U

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	SAMPLE_ID	RESULT	LAB_ QUALIFIERS
Molybdenum	0811	11/3/2010	N001	0.00168	B
Molybdenum	0812	6/15/2005	0001	0.001	B
Molybdenum	0812	10/13/2005	N001	0.0015	
Molybdenum	0812	6/7/2007	0001	0.00052	B
Molybdenum	0812	11/14/2007	N001	0.0014	
Molybdenum	0812	6/11/2008	0001	0.00067	B
Molybdenum	0812	11/5/2008	N001	0.0015	
Molybdenum	0812	6/4/2009	0001	0.00062	B
Molybdenum	0812	11/4/2009	0001	0.0014	
Molybdenum	0812	6/24/2010	0001	0.00032	U
Molybdenum	0812	11/3/2010	N001	0.00196	B
Molybdenum	0822	6/14/2005	N001	0.0048	
Molybdenum	0822	10/11/2005	0001	0.0059	
Molybdenum	0822	6/5/2007	N001	0.003	
Molybdenum	0822	11/13/2007	N001	0.005	
Molybdenum	0822	6/11/2008	N001	0.0037	
Molybdenum	0822	11/4/2008	0001	0.0062	
Molybdenum	0822	6/3/2009	0001	0.0035	
Molybdenum	0822	11/3/2009	0001	0.0044	
Molybdenum	0822	6/24/2010	N001	0.0031	
Molybdenum	0822	11/3/2010	N001	0.00746	
Molybdenum	0823	6/15/2005	0001	0.0049	
Molybdenum	0823	10/11/2005	N001	0.0047	
Molybdenum	0823	6/6/2007	0001	0.0026	
Molybdenum	0823	11/14/2007	N001	0.0063	E
Molybdenum	0823	6/11/2008	N001	0.0026	
Molybdenum	0823	11/4/2008	0001	0.0033	
Molybdenum	0823	6/2/2009	N001	0.0024	
Molybdenum	0823	11/3/2009	N001	0.0023	
Molybdenum	0823	6/23/2010	N001	0.0015	
Molybdenum	0823	11/2/2010	N001	0.00196	B
Specific Conductance	0747	6/16/2005	N001	827	
Specific Conductance	0747	10/13/2005	N001	1320	
Specific Conductance	0747	6/14/2006	N001	614	
Specific Conductance	0747	11/7/2006	N001	1119	
Specific Conductance	0747	6/6/2007	N001	930	
Specific Conductance	0747	11/14/2007	N001	1120	
Specific Conductance	0747	6/12/2008	N001	894	
Specific Conductance	0747	11/5/2008	N001	1315	
Specific Conductance	0747	6/3/2009	N001	275	
Specific Conductance	0747	11/4/2009	N001	1353	
Specific Conductance	0747	6/24/2010	N001	761	
Specific Conductance	0747	11/3/2010	N001	4868	
Specific Conductance	0749	6/16/2005	N001	4193	
Specific Conductance	0749	10/12/2005	N001	4938	
Specific Conductance	0749	6/15/2006	N001	4407	
Specific Conductance	0749	11/7/2006	N001	5114	
Specific Conductance	0749	6/5/2007	N001	4419	
Specific Conductance	0749	11/14/2007	N001	4132	
Specific Conductance	0749	6/12/2008	N001	3528	
Specific Conductance	0749	11/4/2008	N001	3753	
Specific Conductance	0749	6/2/2009	N001	3258	

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	SAMPLE_ID	RESULT	LAB_ QUALIFIERS
Specific Conductance	0749	11/4/2009	N001	2703	
Specific Conductance	0749	6/23/2010	N001	4445	
Specific Conductance	0749	11/2/2010	N001	4834	
Specific Conductance	0794	6/14/2005	N001	410	
Specific Conductance	0794	10/11/2005	N001	853	
Specific Conductance	0794	6/13/2006	N001	333	
Specific Conductance	0794	11/8/2006	N001	719	
Specific Conductance	0794	6/5/2007	N001	581	
Specific Conductance	0794	11/14/2007	N001	734	
Specific Conductance	0794	6/11/2008	N001	321	
Specific Conductance	0794	11/4/2008	N001	858	
Specific Conductance	0794	6/2/2009	N001	209	
Specific Conductance	0794	11/3/2009	N001	810	
Specific Conductance	0794	6/23/2010	N001	249	
Specific Conductance	0794	11/3/2010	N001	1063	
Specific Conductance	0796	6/14/2005	N001	441	
Specific Conductance	0796	10/11/2005	N001	1074	
Specific Conductance	0796	6/13/2006	N001	296	
Specific Conductance	0796	11/8/2006	N001	750	
Specific Conductance	0796	6/5/2007	N001	368	
Specific Conductance	0796	11/13/2007	N001	750	
Specific Conductance	0796	6/11/2008	N001	318	
Specific Conductance	0796	11/3/2008	N001	884	
Specific Conductance	0796	6/2/2009	N001	190	
Specific Conductance	0796	11/4/2009	N001	827	
Specific Conductance	0796	6/24/2010	N001	243	
Specific Conductance	0796	11/3/2010	N001	1071	
Specific Conductance	0810	6/15/2005	N001	1005	
Specific Conductance	0810	10/11/2005	N001	1452	
Specific Conductance	0810	6/14/2006	N001	1464	
Specific Conductance	0810	11/8/2006	N001	1539	
Specific Conductance	0810	6/7/2007	N001	1290	
Specific Conductance	0810	11/13/2007	N001	1361	
Specific Conductance	0810	6/11/2008	N001	1117	
Specific Conductance	0810	11/3/2008	N001	1250	
Specific Conductance	0810	6/2/2009	N001	1090	
Specific Conductance	0810	11/3/2009	N001	1249	
Specific Conductance	0810	6/23/2010	N001	11.36	
Specific Conductance	0810	11/3/2010	N001	1592	
Specific Conductance	0811	6/16/2005	N001	433	
Specific Conductance	0811	10/13/2005	N001	907	
Specific Conductance	0811	6/14/2006	N001	333	
Specific Conductance	0811	11/7/2006	N001	727	
Specific Conductance	0811	6/7/2007	N001	303	
Specific Conductance	0811	11/14/2007	N001	731	
Specific Conductance	0811	6/12/2008	N001	334	
Specific Conductance	0811	11/5/2008	N001	823	
Specific Conductance	0811	6/3/2009	N001	280	
Specific Conductance	0811	11/4/2009	N001	801	
Specific Conductance	0811	6/24/2010	N001	226	
Specific Conductance	0811	11/3/2010	N001	1139	
Specific Conductance	0812	6/15/2005	N001	331	

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	SAMPLE_ID	RESULT	LAB_ QUALIFIERS
Specific Conductance	0812	10/13/2005	N001	922	
Specific Conductance	0812	6/14/2006	N001	320	
Specific Conductance	0812	11/8/2006	N001	725	
Specific Conductance	0812	6/7/2007	N001	262	
Specific Conductance	0812	11/14/2007	N001	727	
Specific Conductance	0812	6/11/2008	N001	298	
Specific Conductance	0812	11/5/2008	N001	804	
Specific Conductance	0812	6/4/2009	N001	250	
Specific Conductance	0812	11/4/2009	N001	800	
Specific Conductance	0812	6/24/2010	N001	282	
Specific Conductance	0812	11/3/2010	N001	1060	
Specific Conductance	0822	6/14/2005	N001	2326	
Specific Conductance	0822	10/11/2005	N001	2344	
Specific Conductance	0822	6/14/2006	N001	2744	
Specific Conductance	0822	11/8/2006	N001	2542	
Specific Conductance	0822	6/5/2007	N001	2844	
Specific Conductance	0822	11/13/2007	N001	2135	
Specific Conductance	0822	6/11/2008	N001	2131	
Specific Conductance	0822	11/4/2008	N001	2137	
Specific Conductance	0822	6/3/2009	N001	1780	
Specific Conductance	0822	11/3/2009	N001	1871	
Specific Conductance	0822	6/24/2010	N001	2740	
Specific Conductance	0822	11/3/2010	N001	2594	
Specific Conductance	0823	6/15/2005	N001	1094	
Specific Conductance	0823	10/11/2005	N001	1383	
Specific Conductance	0823	6/13/2006	N001	1046	
Specific Conductance	0823	11/8/2006	N001	887	
Specific Conductance	0823	6/6/2007	N001	1246	
Specific Conductance	0823	11/14/2007	N001	873	
Specific Conductance	0823	6/11/2008	N001	1139	
Specific Conductance	0823	11/4/2008	N001	1153	
Specific Conductance	0823	6/2/2009	N001	1113	
Specific Conductance	0823	11/3/2009	N001	777	
Specific Conductance	0823	6/23/2010	N001	1357	
Specific Conductance	0823	11/2/2010	N001	1846	
Sulfate	0747	6/16/2005	0001	230	
Sulfate	0747	10/13/2005	0001	422	
Sulfate	0747	6/14/2006	0001	160	
Sulfate	0747	11/7/2006	0001	300	
Sulfate	0747	6/6/2007	0001	240	
Sulfate	0747	11/14/2007	0001	290	
Sulfate	0747	6/12/2008	0001	230	
Sulfate	0747	11/5/2008	0001	370	
Sulfate	0747	6/3/2009	0001	50	
Sulfate	0747	11/4/2009	0001	440	
Sulfate	0747	6/24/2010	N001	230	
Sulfate	0747	11/3/2010	0001	2080	
Sulfate	0749	6/16/2005	N001	2400	
Sulfate	0749	10/12/2005	0001	2250	
Sulfate	0749	6/15/2006	0001	2200	
Sulfate	0749	11/7/2006	0001	2600	
Sulfate	0749	6/5/2007	N001	2100	

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	SAMPLE_ID	RESULT	LAB_ QUALIFIERS
Sulfate	0749	11/14/2007	0001	2100	
Sulfate	0749	6/12/2008	0001	1800	
Sulfate	0749	11/4/2008	N001	2300	
Sulfate	0749	6/2/2009	0001	1800	
Sulfate	0749	11/4/2009	N001	1500	
Sulfate	0749	6/23/2010	N001	2700	
Sulfate	0749	11/2/2010	N001	2690	
Sulfate	0794	6/14/2005	0001	86	
Sulfate	0794	10/11/2005	N001	274	
Sulfate	0794	6/13/2006	0001	77	
Sulfate	0794	11/8/2006	0001	230	
Sulfate	0794	6/5/2007	N001	100	
Sulfate	0794	11/14/2007	0001	240	
Sulfate	0794	6/11/2008	0001	78	
Sulfate	0794	11/4/2008	0001	290	
Sulfate	0794	6/2/2009	0001	38	
Sulfate	0794	11/3/2009	0001	250	
Sulfate	0794	6/23/2010	0001	45	
Sulfate	0794	11/3/2010	N001	309	
Sulfate	0796	6/14/2005	0001	80	
Sulfate	0796	10/11/2005	N001	268	
Sulfate	0796	6/13/2006	0001	68	
Sulfate	0796	11/8/2006	0001	240	
Sulfate	0796	6/5/2007	0001	91	
Sulfate	0796	11/13/2007	N001	240	
Sulfate	0796	6/11/2008	0001	74	
Sulfate	0796	11/3/2008	0001	300	
Sulfate	0796	6/2/2009	0001	39	
Sulfate	0796	11/4/2009	0001	250	
Sulfate	0796	6/24/2010	0001	50	
Sulfate	0796	11/3/2010	N001	307	
Sulfate	0810	6/15/2005	N001	330	
Sulfate	0810	10/11/2005	N001	376	
Sulfate	0810	6/14/2006	0001	370	
Sulfate	0810	11/8/2006	0001	390	
Sulfate	0810	6/7/2007	0001	310	
Sulfate	0810	11/13/2007	0001	340	
Sulfate	0810	6/11/2008	N001	240	
Sulfate	0810	11/3/2008	N001	290	
Sulfate	0810	6/2/2009	N001	250	
Sulfate	0810	11/3/2009	N001	270	
Sulfate	0810	6/23/2010	N001	250	
Sulfate	0810	11/3/2010	N001	329	
Sulfate	0811	6/16/2005	0001	72	
Sulfate	0811	10/13/2005	N001	281	
Sulfate	0811	6/14/2006	0001	78	
Sulfate	0811	11/7/2006	0001	230	
Sulfate	0811	6/7/2007	0001	62	
Sulfate	0811	11/14/2007	N001	240	
Sulfate	0811	6/12/2008	0001	71	
Sulfate	0811	11/5/2008	N001	280	
Sulfate	0811	6/3/2009	0001	75	

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	SAMPLE_ID	RESULT	LAB_ QUALIFIERS
Sulfate	0811	11/4/2009	0001	250	
Sulfate	0811	6/24/2010	0001	46	
Sulfate	0811	11/3/2010	N001	311	
Sulfate	0812	6/15/2005	0001	87	
Sulfate	0812	10/13/2005	N001	281	
Sulfate	0812	6/14/2006	0001	75	
Sulfate	0812	11/8/2006	0001	230	
Sulfate	0812	6/7/2007	0001	60	
Sulfate	0812	11/14/2007	N001	250	
Sulfate	0812	6/11/2008	0001	69	
Sulfate	0812	11/5/2008	N001	290	
Sulfate	0812	6/4/2009	0001	63	
Sulfate	0812	11/4/2009	0001	250	
Sulfate	0812	6/24/2010	0001	46	
Sulfate	0812	11/3/2010	N001	308	
Sulfate	0822	6/14/2005	N001	1100	
Sulfate	0822	10/11/2005	0001	901	
Sulfate	0822	6/14/2006	N001	1000	
Sulfate	0822	11/8/2006	0001	1100	
Sulfate	0822	6/5/2007	N001	1100	
Sulfate	0822	11/13/2007	N001	960	N
Sulfate	0822	6/11/2008	N001	960	
Sulfate	0822	11/4/2008	0001	1100	
Sulfate	0822	6/3/2009	0001	780	
Sulfate	0822	11/3/2009	0001	780	
Sulfate	0822	6/24/2010	N001	1400	
Sulfate	0822	11/3/2010	N001	1080	
Sulfate	0823	6/15/2005	0001	470	
Sulfate	0823	10/11/2005	N001	509	
Sulfate	0823	6/13/2006	0001	350	
Sulfate	0823	11/8/2006	0001	320	
Sulfate	0823	6/6/2007	0001	420	
Sulfate	0823	11/14/2007	N001	290	
Sulfate	0823	6/11/2008	N001	370	
Sulfate	0823	11/4/2008	0001	380	
Sulfate	0823	6/2/2009	N001	360	
Sulfate	0823	11/3/2009	N001	230	
Sulfate	0823	6/23/2010	N001	440	
Sulfate	0823	11/2/2010	N001	510	
Uranium	0747	6/16/2005	0001	0.1	
Uranium	0747	10/13/2005	0001	0.251	
Uranium	0747	6/14/2006	0001	0.063	
Uranium	0747	11/7/2006	0001	0.14	
Uranium	0747	6/6/2007	0001	0.12	
Uranium	0747	11/14/2007	0001	0.19	
Uranium	0747	6/12/2008	0001	0.098	
Uranium	0747	11/5/2008	0001	0.13	
Uranium	0747	6/3/2009	0001	0.004	
Uranium	0747	11/4/2009	0001	0.16	
Uranium	0747	6/24/2010	N001	0.027	
Uranium	0747	11/3/2010	0001	0.543	
Uranium	0749	6/16/2005	N001	0.00013	

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	SAMPLE_ID	RESULT	LAB_ QUALIFIERS
Uranium	0749	10/12/2005	0001	0.00025	U
Uranium	0749	6/15/2006	0001	0.0003	
Uranium	0749	11/7/2006	0001	0.00021	
Uranium	0749	6/5/2007	N001	0.00015	
Uranium	0749	11/14/2007	0001	0.00045	
Uranium	0749	6/12/2008	0001	0.00062	
Uranium	0749	11/4/2008	N001	0.0019	
Uranium	0749	6/2/2009	0001	0.0012	
Uranium	0749	11/4/2009	N001	0.001	
Uranium	0749	6/23/2010	N001	0.002	
Uranium	0749	11/2/2010	N001	0.00427	
Uranium	0794	6/14/2005	0001	0.0019	
Uranium	0794	10/11/2005	N001	0.0079	
Uranium	0794	6/13/2006	0001	0.0022	
Uranium	0794	11/8/2006	0001	0.0059	
Uranium	0794	6/5/2007	N001	0.0041	
Uranium	0794	11/14/2007	0001	0.0055	
Uranium	0794	6/11/2008	0001	0.002	
Uranium	0794	11/4/2008	0001	0.0063	
Uranium	0794	6/2/2009	0001	0.0011	
Uranium	0794	11/3/2009	0001	0.0067	
Uranium	0794	6/23/2010	0001	0.00097	
Uranium	0794	11/3/2010	N001	0.00831	
Uranium	0796	6/14/2005	0001	0.0015	
Uranium	0796	10/11/2005	N001	0.0054	
Uranium	0796	6/13/2006	0001	0.0015	
Uranium	0796	11/8/2006	0001	0.0055	
Uranium	0796	6/5/2007	0001	0.0021	
Uranium	0796	11/13/2007	N001	0.0051	
Uranium	0796	6/11/2008	0001	0.0018	
Uranium	0796	11/3/2008	0001	0.006	
Uranium	0796	6/2/2009	0001	0.00084	
Uranium	0796	11/4/2009	0001	0.0056	
Uranium	0796	6/24/2010	0001	0.0011	
Uranium	0796	11/3/2010	N001	0.00765	
Uranium	0810	6/15/2005	N001	0.0063	
Uranium	0810	10/11/2005	N001	0.007	
Uranium	0810	6/14/2006	0001	0.0078	
Uranium	0810	11/8/2006	0001	0.01	
Uranium	0810	6/7/2007	0001	0.0063	
Uranium	0810	11/13/2007	0001	0.0057	
Uranium	0810	6/11/2008	N001	0.0049	
Uranium	0810	11/3/2008	N001	0.0046	
Uranium	0810	6/2/2009	N001	0.004	
Uranium	0810	11/3/2009	N001	0.004	
Uranium	0810	6/23/2010	N001	0.0042	
Uranium	0810	11/3/2010	N001	0.00931	
Uranium	0811	6/16/2005	0001	0.0011	
Uranium	0811	10/13/2005	N001	0.007	
Uranium	0811	6/14/2006	0001	0.0017	
Uranium	0811	11/7/2006	0001	0.0055	
Uranium	0811	6/7/2007	0001	0.0015	

ANALYTE	LOCATION_ CODE	DATE_ SAMPLED	SAMPLE_ID	RESULT	LAB_ QUALIFIERS
Uranium	0811	11/14/2007	N001	0.0056	
Uranium	0811	6/12/2008	0001	0.002	
Uranium	0811	11/5/2008	N001	0.0059	
Uranium	0811	6/3/2009	0001	0.0014	
Uranium	0811	11/4/2009	0001	0.0055	
Uranium	0811	6/24/2010	0001	0.00096	
Uranium	0811	11/3/2010	N001	0.00745	
Uranium	0812	6/15/2005	0001	0.0017	
Uranium	0812	10/13/2005	N001	0.0072	
Uranium	0812	6/14/2006	0001	0.0018	
Uranium	0812	11/8/2006	0001	0.0058	
Uranium	0812	6/7/2007	0001	0.0014	
Uranium	0812	11/14/2007	N001	0.0058	
Uranium	0812	6/11/2008	0001	0.0017	
Uranium	0812	11/5/2008	N001	0.006	
Uranium	0812	6/4/2009	0001	0.0013	
Uranium	0812	11/4/2009	0001	0.0059	
Uranium	0812	6/24/2010	0001	0.001	
Uranium	0812	11/3/2010	N001	0.00826	
Uranium	0822	6/14/2005	N001	0.0031	
Uranium	0822	10/11/2005	0001	0.0094	
Uranium	0822	6/14/2006	N001	0.0024	
Uranium	0822	11/8/2006	0001	0.0097	
Uranium	0822	6/5/2007	N001	0.003	
Uranium	0822	11/13/2007	N001	0.0071	
Uranium	0822	6/11/2008	N001	0.0074	
Uranium	0822	11/4/2008	0001	0.0075	
Uranium	0822	6/3/2009	0001	0.005	
Uranium	0822	11/3/2009	0001	0.0096	
Uranium	0822	6/24/2010	N001	0.006	
Uranium	0822	11/3/2010	N001	0.0103	
Uranium	0823	6/15/2005	0001	0.0096	
Uranium	0823	10/11/2005	N001	0.0078	
Uranium	0823	6/13/2006	0001	0.013	
Uranium	0823	11/8/2006	0001	0.0081	
Uranium	0823	6/6/2007	0001	0.0044	
Uranium	0823	11/14/2007	N001	0.0084	
Uranium	0823	6/11/2008	N001	0.0043	
Uranium	0823	11/4/2008	0001	0.0043	
Uranium	0823	6/2/2009	N001	0.0037	
Uranium	0823	11/3/2009	N001	0.0044	
Uranium	0823	6/23/2010	N001	0.0031	
Uranium	0823	11/2/2010	N001	0.00389	