Advanced Explorations Inc.

2006 & 2007 WATER QUALITY AND 2007 PRELIMINARY HYDROLOGY PROGRAMS ROCHE BAY, NUNAVUT

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December 2007

CREATING AND DELIVERING BETTER SOLUTIONS

Advanced Exploration Inc.
Roche Bay plc

(ISSUED FOR USE)

2006 & 2007 WATER QUALITY AND 2007 PRELIMINARY HYDROLOGY PROGRAMS ROCHE BAY, NUNAVUT

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December 2007

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EXECUTIVE SUMMARY

Advanced Explorations Inc. (AEI) is considering the development of the Roche Bay magnetite project, believed to be one of the world's largest undeveloped magnetite deposits. The Roche Bay project is located at 68°26' north latitude and 82°46' west longitude, approximately 65 km southwest of Hall Beach on the Melville Peninsula. The project site is situated adjacent to a naturally deep basin with 20+ metre water depths. In February 2007, AEI signed a joint venture agreement with Roche Bay plc to undertake the required work to complete feasibility studies to develop Roche Bay's extensive magnetite iron deposits in this area.

In 2006, EBA Engineering Consultants Ltd. (EBA) was retained by Roche Bay plc (now Advanced Explorations Inc.) to complete a baseline study of the water quality at the Roche Bay Magnetite Project. The initial baseline field studies took place during spring, summer and fall of 2006 and 2007.

A total of six water sampling events were conducted, one each in June, July and August of 2006 and 2007. Two changes to the program in 2007 were the addition of 17 more sampling stations and preliminary hydrological work conducted at 12 of the stations. Water samples were collected at Roche Bay on 26-28 June, 17-19 July and 21-23 August in 2006, and 25-27 June, 30 July – 1 August and 24-28 August in 2007 and submitted to a laboratory accredited by the Canadian Association for Environmental Analytical Laboratories (CAEAL).

In general, the water quality of the Roche Bay environment (Roche Bay) is pristine. The physical and chemical water quality parameters of the waters in this region are typical of Canadian arctic freshwater systems, characterized as having a pH slightly above neutral with low electrical conductivity. Nutrient parameters such as ammonia, nitrate and phosphorous were either below the detection limits or very low. In 2006 and 2007, aluminum, iron, and potentially cadmium were occasionally found marginally above the CCME Guideline for the Protection of Freshwater Aquatic Life (FAL).

Preliminary hydrological work was conducted at Roche Bay in July and August 2007. Water discharge was determined using 4 to 6 sets of water velocities collected along a transect spanning the creek width. The measured velocities are multiplied by a representative flow area determined from the creek depth at the location of the velocity measurement and the horizontal distance to the flanking velocity measurements. August velocities were measured using flow tracers conducted at six of 15 stations. It should be noted that as a result of the method of collecting 4 to 6 sets of velocity measurements across each creek width, rather than 10, which is the Water Survey of Canada standard, there is limited confidence in the values reported during this preliminary program. It is recommended that in the future hydrometric stations be installed at key identified sites.

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1.0 INTRODUCTION

1.1 BACKGROUND

Advanced Explorations Inc. (AEI) is considering the development of the Roche Bay magnetite project, believed to be one of the world's largest undeveloped magnetite deposits. The Roche Bay project is located at 68°26' north latitude and 82°46' west longitude, approximately 65 km southwest of Hall Beach on the Melville Peninsula (Figure 1). The project site is situated adjacent to naturally deep basin with 20+ metre water depths. In February 2007, AEI signed a joint venture agreement with Roche Bay plc to undertake the required work to complete feasibility studies to develop Roche Bay's extensive magnetite iron deposits in this area.

In 2006, EBA Engineering Consultants Ltd. (EBA) was retained by Roche Bay plc (now Advanced Explorations Inc.) to complete a baseline study of the water quality at the Roche Bay Magnetite Project. The initial baseline field studies took place during spring, summer and fall of 2006. A second year of similar field studies was carried out in 2007.

EBA commenced water quality sampling at Roche Bay in 2006 and continued in 2007. A total of six water sampling events were conducted in June, July and August of each year. Two changes to the program in 2007 were the addition of 17 more sampling stations and preliminary hydrological work conducted at as many stations as allowed by existing conditions.

1.2 SITE DESCRIPTION

The Roche Bay project is located at 68°26' north latitude and 82°46' west longitude, approximately 65 km southwest of Hall Beach on the Melville Peninsula.

The number of sampling stations varied from month to month and year to year, as conditions would allow and the sampling program was refined. Ten to 13 stations were sampled during each trip in 2006. At the commencement of the 2007 program, an additional 17 stations were included in the program in order to obtain a broader picture of the baseline water quality of the area. Table 1 presents the coordinates for each sampling station. As indicated in footnotes to the table, certain stations were not sampled during all events, due to ice conditions, inaccessibility or limited helicopter access; some were omitted from the program, due to duplication or ephemeral water flow. Figure 2 depicts the locations of the 2006 and 2007 sampling sites.

2.0 WATER QUALITY PROGRAM

2.1 METHODS

Water samples were collected at Roche Bay on 26-28 June, 17-19 July and 21-23 August in 2006, and 25-27 June, 30 July – 1 August and 24-28 August in 2007. EBA personnel Mr. Steve Moore and Ms. Karla Langlois conducted the water sampling for all events in

2006 and the June event in 2007. Ms. Langlois and Mr. Patrick Kramers conducted the July 2007 event, while Mr. Moore and Ms. Krista Amey conducted the August 2007 water sampling.

The locations of water sampling stations were predetermined and a Global Positioning System (GPS) was used to locate all stations. Water quality samples were collected for standard analytical parameters including ultra-low dissolved metals, ultra-low total metals, major ions, low-level nutrients and inorganics.

ALS Environmental (ALS) of Edmonton prepared the water sampling bottles for all water sampling events with the exception of August 2007. Total and dissolved ultra-low level metal bottles were acid-washed with ultra-trace grade 1:1 nitric acid by ALS in the laboratory. Samples collected for nutrients were preserved with 2 millilitre (mL) of 1:1 sulfuric acid. The dissolved metal samples were filtered in the field using dedicated disposable Nalgene 45-micrometre (μm) filters. Water samples collected for both total and dissolved metals were preserved using 1 mL of ultra-pure 1:1 nitric acid. Water samples collected for total organic carbon were preserved with 1 mL of 1:1 sulfuric acid. All samples were transported in portable coolers with ice packs.

Prior to the August 2007 water sampling event, AEI made the decision to switch from ALS to SGS Environmental Services (SGS) for two main reasons; cost effectiveness and lesser water volume requirements. As a result of changing laboratories, there was a change in bottle specifications and hence methodologies. Instead of a five-bottle requirement, only four bottles were needed. One 500 mL bottle for total suspended solids, one 500 mL bottle for general parameters, one 200 mL pre-charged (pre-preserved with HNO_3) bottle for total metals and one 200 mL unpreserved bottle for dissolved metals, subsequently lab-filtered and lab-preserved.

In the field, powder-less latex gloves were worn during handling of bottles and equipment to minimize contamination. All bottles were rinsed three times with the source water (i.e. the same water the bottle was filled with) prior to water collection. To minimize trace metals contamination from the filters, filters were rinsed three times with source water prior to filtering the sample water. Bottle rinsing was not required for August 2007 sampling due to the nature of the pre-charged bottles.

As part of a Quality Assurance/Quality Control (QA/QC) program, travel blanks were used; field blanks and duplicates were collected and filter blanks submitted. Travel blanks and field blanks were used to assess contamination from sample containers or other equipment used in the collection and handling of samples, and to detect other systematic or random errors from sampling through to analysis. Duplicates were collected to test the validity of sampling procedures and laboratory methodology. One duplicate was collected for approximately every 10 field samples.

Travel blanks were prepared by ALS/SGS and shipped along with the sample bottles. Bottles were filled with deionized water and preserved in the laboratory prior to shipment. Travel blank bottles remained completely sealed until they were returned to ALS/SGS for

analysis. One set of travel blanks was used for each sampling event. Field blanks were prepared in the field in the same environment in which the water samples were collected. Once in the field, field blank sample bottles were rinsed three times and then filled with deionized water and preserved. One set of field blanks was collected for each sampling event. A disposable 45-µm Nalgene filter was submitted to the laboratory along with each sampling event. This "filter blank" is to account for any possible metals introduced into the dissolved samples from the filtering process.

Water samples from all sampling events, except for August 2007, were submitted to ALS in Edmonton, a laboratory accredited by the Canadian Association for Environmental Analytical Laboratories (CAEAL). The August 2007 water samples were submitted to SGS. Water samples were analysed for ultra-low dissolved metals, ultra-low total metals, major ions, low-level nutrients and inorganics. If the turbidity of the water was greater than one NTU, as in a few instances, the samples were analyzed at low-levels and not ultra-low levels.

A list of specific parameters analysed and their respective detection limits are presented in Table 2.

2.2 RESULTS

2.2.1 Quality Assurance / Quality Control

Travel, field and filter blanks and duplicates were utilized during each sampling event as part of the QA/QC program. Travel and field blanks were analysed for total and dissolved ultra-low level metals, total organic carbon, low-level nutrients and low-level routine water chemistry; whereas, filter blanks were analyzed only for dissolved ultra-low level metals. A summary of the metals found to be above detection limits in the travel, field and filter blanks are presented in Table 3; duplicate exceedances can be found in Tables 4 to 9. Comprehensive laboratory results and laboratory QA/QC reports are included in Appendix A. Tables summarizing QA/QC results are presented in Appendix B.

Of the detections verified in the travel blanks (Table 3), only antimony can be accounted for, as having leached from the metals bottles. The ALS metals bottles were changed between 2006 and 2007; consequently, antimony was reported as being below detection in the June and July 2007 ALS travel blanks. All other metals reported above detection in the travel blanks are likely a result of contamination (R. Zolkiewski 2007, pers. comm.).

Of the detections verified in the August 2007 SGS travel and field blanks, most can be explained as variation around the detection limit; typically +/- the detection limit is normal variation (C. Sullivan 2007, pers. comm.).

Lead was the one parameter that was detected at levels higher than normally acceptable. Though it is still a very trace amount, it is considerably above the detection limit range. The most likely explanation would be spot contamination either during bottle filling of the deionized water or during acid digestion, with the latter being the most likely (C. Sullivan 2007, pers. comm.).

As with the travel blanks for 2006, elevated levels of antimony in the field blanks can likely be explained as having leached from the metals bottles (R. Zolkiewski 2001, pers. comm.). Nickel and zinc were detected in the dissolved metals yet they were not detected in the total metals suggesting that these metals were introduced during the filtering process, corroborated by the above detection levels of nickel and zinc in the filter blanks.

2.2.2 Analytical

Physical and chemical analytical results for the water quality sampling program at Roche Bay for 2006 and 2007 are included in Tables 4 through 9. Average values of pH, turbidity, conductivity, ammonia, nitrate, total phosphorous and major ions are presented in Tables 10 through 21.

2.2.2.1 Physical Parameters

Physical parameters include pH, turbidity, and electrical conductivity. The pH of the water at Roche Bay was slightly above neutral, averaging 8.1 in 2006 across 10 to 13 stations and 7.8 in 2007 across 20 - 28 stations (averaged 7.9 for all stations for both years combined). The pH values ranged from 6.5 to 8.4 for Roche Bay waters during the 2006 and 2007 water sampling programs (Table 10). Turbidity was only reported by ASL in 2007. The turbidity of Roche Bay water (2007 only) averaged 0.6 Nephelometric Turbidity Units (NTU) and ranged from 0.15 to 4.6 NTU (Table 11). The average electrical conductivity (EC) for Roche Bay water in 2006 was 180.1 micro-siemens per centimetre (µS/cm) and in 2007 was 130.3 µS/cm (148.00 µS/cm for both years combined). The EC of the waters at Roche Bay ranged from 8.3 to 421 µS/cm (Table 12).

2.2.2.2 Nutrients / Major Ions

Nutrients include parameters such as ammonia, nitrate and phosphorous while major ions include calcium, magnesium, potassium and sodium.

In 2006, the average ammonia concentration of Roche Bay water was 0.008 mg/L and in 2007 was 0.05 mg/L. The combined average ammonia concentration for 2006 and 2007 was 0.03 mg/L and ranged from 0.005 mg/L to 0.3 mg/L (Table 13). The average nitrate concentration of Roche Bay water was 0.1 mg/L in 2006 (most stations were below detection (0.1 mg/L) but to calculate an average, the detection limit was used resulting in an inflated average) and 0.02 mg/L in 2007 (the detection limit for 2007 was 0.006 mg/L). The combined average nitrate concentration in Roche Bay water for both years was 0.05 mg/L and ranged from less than 0.006 to 0.1 mg/L (Table 14).

ALS did not analyze for phosphorous for Roche Bay water samples in July and August of 2006. The average phosphorous concentration of Roche Bay water in June 2006 was 0.004 mg/L and in 2007 was 0.007 mg/L. The combined average phosphorous concentration in Roche Bay water for 2006 and 2007 was 0.006 mg/L and ranged from 0.001 to 0.026 mg/L (Table 15).

The average Calcium concentration in Roche Bay water during the 2006 sampling program was 26.6 mg/L and in 2007 was 15.5 mg/L. The combined average calcium concentration for 2006 and 2007 was 20.1 mg/L and ranged from 0.6 mg/L to 69.0 mg/L (Table 16). The average magnesium concentration of Roche Bay water in 2006 was 5.5 mg/L and in 2007 was 3.0 mg/L. The combined average magnesium concentration for 2006 and 2007 was 4.07 mg/L, ranging from 0.1 to 13 mg/L (Table 17).

Potassium concentrations in Roche Bay water averaged 1.25 mg/L in 2006 and 0.81 mg/L in 2007. The combined average potassium concentration in Roche Bay water for both years of the program was 0.99 mg/L and ranged from 0.3 mg/L to 2.2 mg/L (Table 18). Sodium concentrations for Roche Bay water during the 2006 sampling program exhibited an average of 4.3 mg/L and 2.5 mg/L in 2007. The combined average sodium concentration for 2006 and 2007 was 3.2 mg/L and ranged from below detection to 10 mg/L (Table 19).

Average total organic carbon (TOC) for the 2006 sampling program was 3.7 mg/L and 2.5 mg/L for 2007. The combined average for TOC concentration in Roche Bay waters for 2006 and 2007 was 2.9 mg/L and ranged from 1 to 8 mg/L (Table 20). ALS did not report total suspended solids (TSS) for 2006; although, they did use TSS, as a standard threshold, for determining which samples could be analyzed at the ultra-low level verses the low level analysis.

In 2007, TSS in Roche Bay water ranged from below detection to 46 mg/L with an average concentration of 3.9 mg/L (Table 21).

2.2.2.3 Trace Metals

Laboratory results of total and dissolved metals in Roche Bay waters ranged from below the detection limit to above the CCME FAL guideline for aluminum, iron and potentially cadmium[1]. Table 22 presents a summary of the metals that were below the detection limit, those that were above the detection limit but within the CCME FAL guideline, and those that were above the detection limit and exceeded the CCME FAL guideline.

In June 2006, cadmium was above the CCME guideline for dissolved metals for stations WS5, WS6 and WS11, but not for the duplicate collected at WS5. It would seem plausible to attribute this discrepancy to laboratory error (R. Zolkiewski 2007, pers. comm.).

Iron was above CCME guidelines at three stations in 2007, two of which were new to the program and not sampled in 2006.

[1] ALS's ultra-low detection limit for cadmium is approximately five times higher than the CCME guideline for the Protection of Freshwater Aquatic Life and, consequently, there is a considerable likelihood that a "below detection" for cadmium would still be above the CCME.

2.3 DISCUSSION

In general, water quality of Roche Bay is pristine. Physical and chemical water quality parameters for the waters in this region are characterized as having a pH marginally above neutral (because of the calcareous parent material) with low electrical conductivity. Nutrient parameters such as ammonia, nitrate and phosphorous were either below the detection limits or very low. In 2006 and 2007, aluminum, iron, and potentially cadmium were occasionally found marginally above the CCME FAL guidelines.

Aluminum and iron exceedances may be attributed to high turbidity and elevated levels of suspended solids in the water as a result of spring run-off. During the June 2006 sampling event, which occurred during spring runoff, a number of sampling stations had high turbidity values and suspended solids. Upon laboratory analysis, turbidity values exceeding 1 NTUs and/or where suspended solids were visible, ultra-low analysis could not be conducted and low level analysis (a coarser analysis involving acid digestion) was used. During this process the acid digestion liberated the aluminum and iron from the sample(s) causing a detection that exceeded the CCME guideline (Rick Z. pers. comm.). This is confirmed by the fact that the dissolved metals had low or very low detections for the same site(s). In addition, sampling conducted after the spring runoff at the same sites had lower turbidity and suspended solids, therefore allowing ultra-low analyses to be conducted.

The Northwest Territories Water Board (NTWB) had taken several water samples from lakes and streams in the area during 1982 and 1983 (Borealis Exploration Limited, 1984). Although at the time that report was written, Borealis Exploration Limited had not yet received a map depicting the locations of the sampling sites. Furthermore, very little was said regarding the results of the water sampling. The NTWB did, however, indicate that the regional water had an average pH of approximately 7.2. This pH value is comparable to the average value of the current baseline study, 7.9 (pH range of 6.5 to 8.4 across 2006 and 2007). Borealis Exploration Limited (1984) also stated that the NTWB reported that regional water of the Roche Bay environment was "fairly free of harmful contaminants". It would appear that this, too, is comparable to the current baseline environmental study. In 2006 and 2007, only aluminum and iron (and potentially cadmium) was occasionally found above the CCME FAL guidelines.

3.0 PRELIMINARY HYDROLOGY PROGRAM

3.1 METHODS

Preliminary hydrological work was conducted at Roche Bay in July and August 2007. In July basic hydrological data were collected at 12 of 28 stations using a Swoffer Model 2100 (Figure 3). The remaining 16 sites were not sampled due to lack of flow, excessive bouldering, depth or high water flow. Water discharge was determined using four to six sets of water velocities collected along a transect spanning the creek width. The measured velocities are multiplied by a representative flow area determined from the creek depth at

the location of the velocity measurement and the horizontal distance to the flanking velocity measurements. August velocities were measured using a floating object.

It should be noted that as a result of the method of collecting four to six sets of velocity measurements across each creek width, rather than ten, which is the Water Survey of Canada standard, there is limited confidence in the values reported during this preliminary program. Table 23 contains a summary of all the creek discharge measurements collected, from the sites listed below, during the 2007 Roche Bay Field Program.

3.2 WS2

WS2 is approximately 7.0 km NNE of 2007 camp (Photographs 1 and 2). WS2 is a "shallow V" and the left and right banks slope gradually. The wetted width was 2.61 m at the location where the velocity measurements were taken in July 2007. The July and August discharges for WS2 were 0.212 m^3/s and 0.382 m^3/s, respectively.

3.3 WS5

WS5 is approximately 9.5 km NNE of 2007 camp (Photographs 3 and 4). WS5 is a "low rectangle" and the left and right banks are "low cut with a sharp drop to shallow". The wetted width was 13.6 m at the location where the velocity measurements were taken in July 2007. The July and August discharges for WS5 were 0.936 m^3/s and 0.566 m^3/s, respectively.

3.4 WS6

WS6 is approximately 7.8 km NE of 2007 camp (Photographs 5 and 6). WS6 is rectangular in shape and the wetted width was 11.6 m at the location where the velocity measurements were taken in July 2007. The July and August discharges for WS6 were 0.265 m^3/s and 0.954 m^3/s, respectively.

3.5 WS11

WS11 is approximately 10.2 km NNE of 2007 camp (Photographs 7 and 8). The left bank is steeply sloped and the right bank is more gradual. The wetted width of WS11 is 19.0 m at the location where the velocity measurements were taken in July 2007. The July and August discharges for WS11 were 2.119 m^3/s and 2.356 m^3/s, respectively.

3.6 WS12

WS12 is located about 5.8 km E of 2007 camp (Photographs 9 and 10). The left and right banks slope gradually and the wetted width was 7.3 m at the location where the velocity measurements were taken in July 2007. The July and August discharges for WS12 were 0.414 m^3/s and 0.426 m^3/s, respectively.

3.7 WS18

WS18 is approximately 22 km N of the 2007 camp (Photographs 11 and 12). WS18 is a "shallow U" and the left and right banks slope gradually. The wetted width of WS18 was 17.2 m and its July discharge was 2.742 m^3/s.

3.8 WS21

WS21 is located about 25 km NW of the 2007 camp (Photographs 13 and 14). WS21 is a "shallow rectangle" with a gradually sloping left bank and steep right bank. The wetted width was 8.5 m and its July discharge was 0.476 m^3/s.

3.9 WS23

WS23 is located about 9.9 NNE of 2007 camp (Photographs 15 and 16). WS23 is a "shallow U" and the left and right banks slope gradually. The wetted width was 13.7 m at the location where the velocity measurements were taken in July 2007. The July and August discharges for WS23 were 1.713 m^3/s and 3.462 m^3/s, respectively.

3.10 WS24

WS24 is located approximately 6.8 km SE of the 2007 camp (Photographs 17 and 18). The left bank is gradual and the right bank is more steeply sloped. The wetted width was 12.1 m and its July discharge was 1.681 m^3/s.

3.11 WS28

WS28 is located approximately 11.3 km SW of the 2007 camp and is described as a "shallow V" (Photographs 19 and 20). The wetted width at WS28 was 3.8 m and its July discharge was 0.147 m^3/s.

3.12 WS29

WS29 is located approximately 15.1 km SSW of 2007 camp and is described as a "creek of varying widths" (Photographs 21 and 22). Its left and right banks are gradually sloping. The wetted width of WS29 was 22.8 m in July and its discharge measured 3.174 m^3/s.

3.13 WS30

WS30 is located approximately 7.7 km SSW of the 2007 camp (Photographs 23 and 24). The left bank is steeply sloped and the right bank is more gradual. The wetted width of WS30 was 12.4 m in July and its discharge measured 2.229 m^3/s.

3.14 RECOMMENDATIONS

To gain an understanding of the hydrological conditions present in the Roche Bay project study area, it is recommended that hydrometric stations be installed at key identified sites.

For each hydrometric station, a standard method must be employed to determine time history of discharge for the creek. Once an appropriate hydrometric site is selected, representing all the flow from the drainage basin of interest, a staff gauge will be installed to

enable the manual recording of water surface elevations. It has been suggested that due to excessive boulder concentrations in most of the stream and river beds, locating a suitable length of stream to gauge would be difficult (Borealis Exploration Limited, 1984). If suitable stream segments are identified, pressure transducer/data logger instrumentation and protective housing will also be installed in the creek. Each time hydrology personnel are at site, the data loggers will be downloaded and creek velocity data recorded to enable the development of a stage-discharge relationship for each site.

To develop a stage-discharge relationship, the most common and precise practice is to measure creek discharge and stage simultaneously. The method used to determine creek discharge requires the measurement of no less than 10 sets of water velocities along a transect spanning the creek width. The measured velocities are multiplied by a representative flow area determined from the creek depth at the location of the velocity measurement and the horizontal distance to the flanking velocity measurements.

The stage and discharge data collected are plotted on a graph relating discharge to creek stage. The stage discharge function is developed as the best-fit curve through the observed stage-discharge measurements. The stages recorded by the data logger are then used in the stage-discharge relationship to determine a time history of creek discharge.

4.0 CLOSURE

EBA is pleased to present Advanced Explorations Inc. (Roche Bay plc) with this 2006 and 2007 water quality and preliminary hydrology report for Roche Bay, Nunavut. We trust that the baseline data provided will be of interest. If there are any questions, please do not hesitate to contact us.

Respectfully submitted,
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Personal Communication:

R. Zolkiewski. 2007. Quality Systems Manager, ALS Laboratory Group, Environmental Division, Edmonton, Canada

C. Sullivan. 2007. Senior Project Specialist. SGS Environmental Services, Lakefield, ON, Canada.

TABLES

TABLE 1. UTM[1] COORDINATES OF WATER SAMPLING STATIONS, 2006 AND 2007

Station*	Easting	Northing
WS1	431 567	7 596 972
WS2 [a]	431 186	7 596 427
WS3 [b]	429 421	7 593 786
WS4 [c]	432 833	7 590 166
WS5	433 178	7 598 227
WS6	432 985	7 595 900
WS7	434 303	7 595 671
WS8 [d]	434 920	7 594 928
WS9 [e]	434 082	7 594 510
WS10	433 989	7 593 751
WS11	433 473	7 598 869
WS12	432 480	7 592 244
WS13	432 377	7 592 817
WS14 [f]	435 910	7 587 563
WS15	437 485	7 594 498
WS16 [g,h]	433 698	7 606 103
WS17 [h]	431 475	7 610 168
WS18 [h]	426 077	7 612 644
WS19 [h]	409 991	7 615 988
WS20 [h,,i]	399 979	7 601 849
WS21 [h,,i]	403 408	7 598 907
WS22 [h,,i j]	402 413	7 598 293
WS23 [h,,i]	433 020	7 598 843
WS24	432 597	7 588 133
WS25 [h]	434 544	7 583 857
WS26 [h,]	420 215	7 577 210
WS27 [h]	432 131	7 583 815
WS28 [h]	420 151	7 582 227
WS29 [h]	419 939	7 578 121
WS30 [h]	424 151	7 584 259
WQ9(July07) [j]	434 416	7 594 869
GW12(June07) [k]	421 505	7 581 825

[1] Universal Transverse Mercator (UTM) Map Datum: NAD 1983, Zone 17V North

* Due to an inconsistency in naming conventions for water sampling stations between 2006 and 2007, stations were renamed. See Appendix C for former and current station names.

[a] Not sampled in 2006

[b] Not sampled in June 2006, July 2006 or June 2007

[c] Not sampled in 2006, omitted from program in 2007

[d] Omitted from program in July 2007

[e] Not sampled in June 2006

[f] Not sampled in June or July 2006

[g] All stations ≥ WS16 were added to the program in 2007

[h] Not sampled in August 2007

[i] Not sampled in June 2007

[j] Only sampled in July 2007

[k] Only sampled in June 2007

TABLE 2. PARAMETER DETECTION LIMITS

PARAMETER	DETECTION LIMITS			UNITS
Major Ions/Nutrients/Inorganics	**ALS***		**SGS****	
Chloride	1		0.2	mg/L
Fluoride	0.05		0.06	mg/L
Calcium	0.5		---	mg/L
Potassium	0.1		---	mg/L
Magnesium	0.1		---	mg/L
Sodium	1		---	mg/L
Ion Balance	---		---	%
TDS (Calculated)	---		---	mg/L
Hardness (as CaCO3)	---		0.5	mg/L
Iron-Extractable	0.005		0.01	mg/L
Manganese-Extractable	0.001		0.001	mg/L
Nitrate+Nitrite-N	0.006		0.06	mg/L
Nitrate-N	0.006		0.05	mg/L
Nitrite-N	0.002		0.06	mg/L
Sulfate	0.05		0.5	mg/L
pH	0.1		0.05	pH
Conductivity	0.2		1	µS/cm
Bicarbonate	5		2	mg/L
Carbonate	5		2	mg/L
Hydroxide	5		2	mg/L
Alkalinity, Total (as CaCO3)	5		2	mg/L
Ammonia-N	0.005		0.1	mg/L
Phosphorus, Total	0.001		0.01	mg/L
Total Organic Carbon	1		1	mg/L
Total Suspended Solids	3		1	mg/L
Turbidity	0.1		0.13	NTU
Total and Dissolved Metals	**Ultra-Low Level**	**Low Level**	**Ultra-Low Level**	
Aluminum	0.0003	0.02	0.008	mg/L
Antimony	0.00003	0.0004	0.00007	mg/L
Arsenic	0.00003	0.0004	0.0005	mg/L
Barium	0.00005	0.0002	0.00001	mg/L
Beryllium	0.0002	0.001	0.00002	mg/L
Bismuth	0.00003	0.0001	0.00002	mg/L
Boron	0.001	0.02	0.0002	mg/L
Cadmium	0.00005	0.0002	0.000003	mg/L
Calcium	0.02	0.5	0.04	mg/L
Chromium	0.00006	0.0008	0.0005	mg/L
Cobalt	0.0001	0.0002	0.000002	mg/L
Copper	0.0006	0.001	0.0008	mg/L
Iron	0.005	0.005	0.01	mg/L
Lead	0.00005	0.0001	0.00002	mg/L
Lithium	0.0001	0.006	0.002	mg/L
Magnesium	0.004	0.1	0.004	mg/L
Manganese	0.0001	0.001	0.00001	mg/L
Mercury	0.00002	0.00002	0.0001	mg/L
Molybdenum	0.00006	0.0001	0.00001	mg/L
Nickel	0.00006	0.0002	0.0001	mg/L
Potassium	0.02	0.1	0.01	mg/L
Selenium	0.0001	0.0004	0.001	mg/L
Silicon	0.1	0.0002	0.01	mg/L
Silver	0.0001	0.0004	0.00001	mg/L
Sodium	0.005	1	0.01	mg/L
Strontium	0.0001	0.1	0.0001	mg/L
Thallium	---	0.0001	0.00001	mg/L
Tin	0.0001	0.0004	0.0005	mg/L
Titanium	---	0.005	0.0001	mg/L
Uranium	0.00005	0.0001	0.00002	mg/L
Vanadium	0.00005	0.0002	0.0002	mg/L
Zinc	0.0008	0.004	0.009	mg/L

*ALS = ALS Environmental (June, July, August 2006; June, July 2007)

**SGS = SGS Environmental Services (August 2007)

TABLE 3. SUMMARY OF METALS ABOVE DETECTION LIMITS FOR QA/QC BLANKS, 2006 & 2007

Sampling Event	Ultra-low Analysis	Travel Blanks	Field Blanks	Filter Blanks
Jun-06	Total	Nickel	<	NA
	Dissolved	<	Barium, Calcium, Sodium, Strontium	Aluminum, Antimony, Barium, Calcium, Magnesium, Sodium, Strontium
Jul-06	Total	Antimony	Antimony, Calcium, Sodium	NA
	Dissolved	Antimony, Calcium	Antimony, Calcium, Nickel, Sodium, Zinc	Aluminum, Antimony, Barium, Calcium, Chromium, Manganese, Nickel, Potassium, Sodium, Strontium, Zinc
Aug-06	Total	Aluminum, Antimony, Calcium	Antimony, Barium, Calcium, Sodium	NA
	Dissolved	Aluminum, Antimony, Barium, Calcium, Magnesium, Sodium, Strontium, Zinc	Aluminum, Antimony, Calcium, Sodium, Strontium	NS
Jun-07	Total	<	Aluminum, Barium, Calcium, Lithium, Silicon, Sodium, Strontium, Tin	NA
	Dissolved	Zinc	Aluminum, Barium, Calcium, Nickel, Silicon, Sodium, Strontium, Tin, Zinc	Calcium, Nickel, Sodium, Zinc
Jul-07	Total	<	Barium, Calcium, Lithium, Silicon, Sodium, Tin	NA
	Dissolved	Nickel, Zinc	Aluminum, Barium, Calcium, Manganese, Nickel, Silicon, Sodium, Strontium, Zinc	Calcium, Chromium, Nickel, Sodium, Zinc
Aug-07*	Total	Aluminum, Cadmium, Cobalt, Lead, Molybdenum	Cadmium, Cobalt, Lead, Molybdenum	NA
	Dissolved	Barium, Cobalt, Lead, Manganese	Barium, Cadmium, Cobalt, Lead, Manganese	NA

Note: All of the above were above detection limits but not above CCME Guidelines
NA = not applicable; NS = not submitted; < = all metals below detection

* SGS Environmental Services conducted analyses for August 2007

TABLE 4. ANALYTICAL RESULTS OF ROCHE BAY, 26 - 28 JUNE 2006

Analyte	WS1	WS5	WS5 Duplicate	WS6	WS7	WS8	WS11	WS11 Duplicate	WS12	WS13	WS14	WS16	UNITS	Detection Limits Ultra-Low Level	CCME Guideline^
Major Ions, Nutrients and Inorganics															
Chloride (Cl)	2	13	13	2	6	5	10	10	13	2	2	6	mg/L	1	---
Calcium (Ca)	14.6	24.3	24.3	14.7	52.5	31.6	40.2	43.8	25	7.8	21.6	25	mg/L	0.5	---
Potassium (K)	1	1.3	1.3	1.2	1.4	0.7	1.4	1.7	1.4	0.9	1.4	0.9	mg/L	0.5	---
Magnesium (Mg)	3	5.2	5.2	3.1	7.4	4.7	7.1	7.6	5.4	1.6	4.4	5	mg/L	0.1	---
Sodium (Na)	1	8	8	1	5	3	6	6	8	1	2	4	mg/L	1	---
Ion Balance	Low EC	104	105	Low EC	108	108	98.5	107	104	Low EC	107	105	%	--	---
TDS (Calculated)	52	101	100	53	167	101	148	151	104	28	74	90	mg/L	--	---
Hardness (as CaCO3)	49	82	82	49	162	98	130	141	85	26	72	83	mg/L	--	---
Nitrate+Nitrite-N	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.1	---
Nitrate-N	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.1	13
Nitrite-N	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.05	0.197
Sulfate (SO4)	4	5.5	5.3	3.6	6.2	6	8.4	7.9	5.2	<	1.1	4	mg/L	0.5	---
pH	7.9	8.1	8.1	7.9	8.3	8.1	8.3	8.3	8.1	7.7	8.1	8.1	pH	0.1	6.5-9
Conductivity (EC)	93.9	187	188	96.6	298	188	272	273	192	53.7	133	167	µS/cm	0.2	---
Bicarbonate (HCO3)	54	89	88	54	178	103	151	150	93	30	84	92	mg/L	5	---
Carbonate (CO3)	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	5	---
Hydroxide (OH)	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	5	---
Alkalinity, Total (as CaCO3)	44	73	72	45	148	84	124	123	76	25	69	75	mg/L	5	---
Ammonia-N	<	0.01	0.012	<	0.017	0.032	0.018	0.018	0.009	<	<	0.023	mg/L	0.005	1.04-48.3*
Phosphorus, Total	0.002	0.004	0.004	0.002	0.003	0.006	0.004	0.004	0.004	0.003	0.001	0.006	mg/L	0.001	---
Total Organic Carbon	2	3	2	2	4	5	6	5	3	2	3	4	mg/L	1	---
Total Metals															
Aluminum (Al)	0.0016	0.0031	0.0034	0.0018	0.0016	0.0041	0.0031	0.0025	0.0036	0.005	0.004	0.0019	mg/L	0.0003	0.1**
Antimony (Sb)	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00003	---
Arsenic (As)	0.00013	0.00015	0.00013	0.00017	0.00017	0.00013	0.00015	0.00015	0.00018	0.00007	0.00007	0.00013	mg/L	0.00003	0.005
Barium (Ba)	0.00729	0.00831	0.00794	0.0086	0.00796	0.00477	0.00901	0.00887	0.00814	0.00547	0.0136	0.00441	mg/L	0.00005	---
Beryllium (Be)	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0002	---
Bismuth (Bi)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Boron (B)	<	0.007	0.007	0.001	0.013	0.007	0.013	0.013	0.008	0.002	0.003	0.009	mg/L	0.001	---
Cadmium (Cd)	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00005	0.00003***
Calcium (Ca)	12.5	20.8	20.7	12.4	44.8	27.3	37.3	37	21.2	6.62	18.2	21	mg/L	0.02	---
Chromium (Cr)	0.0011	0.00114	0.00023	0.00093	0.00066	0.00042	0.00059	0.00063	0.00034	0.00021	0.0003	0.0002	mg/L	0.00006	---
Cobalt (Co)	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	---
Copper (Cu)	<	<	<	<	<	<	<	<	<	<	0.0009	<	mg/L	0.0006	0.002***
Iron (Fe)	0.008	0.01	0.011	0.011	0.008	0.019	0.013	0.016	0.012	0.01	<	0.029	mg/L	0.005	0.3
Lead (Pb)	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00005	0.002***
Lithium (Li)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Magnesium (Mg)	2.76	4.82	4.78	2.92	6.83	4.36	7.07	7.01	5.02	1.62	4.1	4.65	mg/L	0.004	---
Manganese (Mn)	0.0012	0.0012	0.0012	0.0004	0.0004	0.0012	0.0005	0.0005	0.0011	0.0002	<	0.0021	mg/L	0.0001	---
Mercury (Hg)	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00002	---
Molybdenum (Mo)	<	0.00019	0.00019	0.00007	0.00018	0.00012	0.00032	0.00033	0.00018	<	0.00008	0.00014	mg/L	0.00006	0.073
Nickel (Ni)	0.00011	<	<	0.00015	<	<	<	<	<	0.00007	0.00009	<	mg/L	0.00006	0.065***
Potassium (K)	0.75	1.1	1.11	0.87	1.15	0.71	1.4	1.39	1.13	0.64	1.12	0.73	mg/L	0.02	---
Selenium (Se)	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	0.001
Silicon (Si)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Silver (Ag)	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	0.0001
Sodium (Na)	0.845	6.99	7.06	1.08	4.48	2.54	5.82	5.67	7.1	0.999	1.18	3.22	mg/L	0.005	---
Strontium (Sr)	0.0099	0.0227	0.0228	0.0103	0.0567	0.0363	0.0471	0.047	0.0227	0.0055	0.0135	0.0328	mg/L	0.0001	---
Thallium (Tl)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0008
Tin (Sn)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Titanium (Ti)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Uranium (U)	0.00031	0.00037	0.00037	0.00033	0.00049	0.0002	0.00056	0.00057	0.00038	0.00006	0.0002	0.0002	mg/L	0.00005	---
Vanadium (V)	<	<	<	0.00006	<	0.00006	0.00007	<	<	<	0.0001	<	mg/L	0.00005	---
Zinc (Zn)	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0008	0.03
Dissolved Metals															
Aluminum (Al)	0.0006	0.0006	0.0006	0.0013	0.0008	<	0.0007	0.0007	0.0007	0.0026	0.003	0.0003	mg/L	0.0003	0.1**
Antimony (Sb)	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00003	---
Arsenic (As)	0.00011	0.00016	0.00015	0.00018	0.00017	<	0.00013	0.00015	0.00019	0.00006	0.00007	0.00012	mg/L	0.00003	0.005
Barium (Ba)	0.00704	0.0097	0.00859	0.00888	0.00796	<	0.00902	0.00879	0.00817	0.00559	0.0133	0.00439	mg/L	0.00005	---
Beryllium (Be)	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0002	---
Bismuth (Bi)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Boron (B)	<	0.007	0.007	0.001	0.012	<	0.013	0.013	0.007	0.002	0.003	0.009	mg/L	0.001	---
Cadmium (Cd)	<	0.00004	<	0.00041	<	<	0.00006	<	<	<	<	<	mg/L	0.00005	0.00003***
Calcium (Ca)	11.6	20.5	20.9	12.6	44.9	<	37.6	36.8	21.5	6.57	18.3	21.6	mg/L	0.02	---
Chromium (Cr)	0.00027	0.00042	0.00057	0.00028	0.001	0.00045	0.00088	0.00078	0.00059	0.00022	0.00038	0.00045	mg/L	0.00006	---
Cobalt (Co)	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	---
Copper (Cu)	<	<	<	<	<	<	<	<	<	<	0.0008	<	mg/L	0.0006	0.002***
Iron (Fe)	<	<	<	0.007	0.006	0.009	0.008	0.007	<	0.005	<	0.016	mg/L	0.005	0.3
Lead (Pb)	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00005	0.002***
Lithium (Li)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Magnesium (Mg)	2.61	4.65	4.79	2.91	6.75	<	7	6.96	5.07	1.6	4.04	4.67	mg/L	0.004	---
Manganese (Mn)	0.0008	0.0006	0.0005	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	<	<	0.0014	mg/L	0.0001	---
Mercury (Hg)	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00002	---
Molybdenum (Mo)	<	0.00019	0.00019	0.00008	0.00017	<	0.00034	0.00034	0.00018	<	0.00007	0.00014	mg/L	0.00006	0.073
Nickel (Ni)	0.00008	<	<	0.00017	<	<	<	<	<	0.00007	0.00007	<	mg/L	0.00006	0.065***
Potassium (K)	0.69	1.08	1.1	0.88	1.16	<	1.41	1.39	1.17	0.63	1.1	0.74	mg/L	0.02	---
Selenium (Se)	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	0.001
Silicon (Si)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Silver (Ag)	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	0.0001
Sodium (Na)	0.798	?	7.21	1.11	4.33	<	5.73	5.81	7.21	1.02	1.19	3.21	mg/L	0.005	---
Strontium (Sr)	0.0097	0.0231	0.0227	0.0107	0.0561	<	0.0485	0.0476	0.0227	0.0056	0.014	0.033	mg/L	0.0001	---
Thallium (Tl)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0008
Tin (Sn)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Titanium (Ti)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Uranium (U)	0.00031	0.0004	0.0004	0.00034	0.00049	<	0.00059	0.0006	0.0004	0.00007	0.0002	0.00021	mg/L	0.00005	---
Vanadium (V)	<	<	<	<	<	<	<	<	<	0.0001	<	<	mg/L	0.00005	---
Zinc (Zn)	<	0.0009	<	<	<	<	<	<	<	<	0.0012	<	mg/L	0.0008	0.03

^ Canadian Council of Ministers of the Environment - Canadian Water Quality Guidelines for the Protection of Freshwater Aquatic Life (July 2006).

Legend

Outside CCME Guidelines

Due to elevated levels of suspended solids, Low Level Analysis was conducted

< denotes result below detection level

NR = Not Reported

- No Units

-- No Detection Limit

--- No CCME Guideline

* CCME guideline for Ammonia-N (Total Ammonia) is dependent on pH and temperature of the water. The range presented here for Ammonia is specific to the range of pH of the water at this site and the estimated temperature of the water during each sampling event.

** CCME guideline for Aluminum is dependent on pH. The guideline presented here for Aluminum is specific to the pH of the water at this site during this particular sampling event.

*** CCME guideline for Cadmium is dependent on hardness of the water and is calculated using the formula: Cd guideline = 10 exp{0.86[log(hardness)]-3.2}. The CCME guideline for Cadmium is specific to the average hardness of the water at this site during this particular sampling event.

**** CCME guideline dependent on hardness of the water and is specific to the average hardness of the water at this site during this particular sampling event.

TABLE 5. ANALYTICAL RESULTS OF ROCHE BAY, 17 - 19 JULY 2006

Analyte	WS1	WS5	WS5 Duplicate	WS6	WS7	WS8	WS9	WS9 Duplicate	WS11	WS12	WS13	WS13 Duplicate	WS14	WS16	UNITS	Detection Limits		CCME Guideline^
																Ultra-Low Level	Low Level	
Major Ions, Nutrients and Inorganics																		
Chloride (Cl)	2	14	13	2	8	6	8	8	11	9	2	2	2	8	mg/L	NA	1	---
Calcium (Ca)	14.5	22.1	21.6	12.2	37.2	27.4	33.1	33.3	33	21.5	11.5	11.3	21.5	28.6	mg/L	NA	0.5	---
Potassium (K)	0.7	0.9	1.1	0.6	1.2	1.4	1.2	1.2	1.9	1.1	0.7	0.9	1.1	1.1	mg/L	NA	0.5	---
Magnesium (Mg)	3.1	5	4.9	2.6	8.1	5.2	6.5	6.6	8.4	4.9	2.4	2.4	4.7	6.6	mg/L	NA	0.1	---
Sodium (Na)	1	8	8	1	6	5	4	4	7	6	<	<	<	5	mg/L	NA	1	---
Ion Balance	96.9	99.4	101	Low EC	101	103	103	102	103	104	Low EC	Low EC	98.6	102	%	NA	--	---
TDS (Calculated)	53	97	95	45	142	102	120	121	134	88	40	39	73	110	mg/L	NA	--	---
Hardness (as CaCO3)	49	76	74	41	126	90	109	110	117	74	39	38	73	99	mg/L	NA	--	---
Nitrate+Nitrite-N	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	NA	0.1	---
Nitrate-N	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	NA	0.1	13
Nitrite-N	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	NA	0.05	0.197
Sulfate (SO4)	3.2	5.2	4.8	2	13.4	5.8	10.5	10.6	9.7	4.2	<	<	0.5	5.6	mg/L	NA	0.5	---
pH	8	8.1	8.1	8	8.3	8.2	8.2	8.2	8.2	8.1	7.9	7.9	8.2	8.2	pH	NA	0.1	6.5-9
Conductivity (EC)	101	188	182	86.3	261	177	220	221	248	166	76.5	76.4	138	206	uS/cm	NA	0.2	---
Bicarbonate (HCO3)	58	85	84	50	139	104	115	117	128	83	47	47	88	112	mg/L	NA	5	---
Carbonate (CO3)	<	<	<	<5	<	<	<	<	<	<	<	<	<	<	mg/L	NA	5	---
Hydroxide (OH)	<	<	<	<5	<	<	<	<	<	<	<	<	<	<	mg/L	NA	5	---
Alkalinity, Total (as CaCO3)	48	70	69	41	114	85	94	96	105	68	39	38	72	92	mg/L	NA	5	---
Ammonia-N	<	<	<	<	0.014	<	0.008	0.008	0.008	<	<	<	<	<	mg/L	NA	0.005	1.04-4.84*
Phosphorus, Total	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	mg/L	NA	0.001	---
Total Organic Carbon	2	3	3	2	7	4	7	6	7	3	3	3	4	5	mg/L	NA	1	---
Total Metals																		
Aluminum (Al)	0.0048	0.0043	0.0043	0.0021	0.0066	0.03	0.0014	0.0015	<	0.0069	0.0189	0.0282	0.0055	0.002	mg/L	0.0003	0.02	0.1**
Antimony (Sb)	0.00007	0.00009	0.00005	0.00015	0.00018	<	0.00017	0.00015	<	0.00007	0.00008	0.0001	0.00009	0.00017	mg/L	0.00003	0.0004	---
Arsenic (As)	0.00016	0.00017	0.00017	0.00018	0.00023	<	0.00015	0.00014	<	0.00018	0.00007	0.00008	0.00008	0.00012	mg/L	0.00003	0.0004	0.005
Barium (Ba)	0.00846	0.00843	0.00842	0.00831	0.00743	0.0052	0.00553	0.00554	0.0089	0.00796	0.00865	0.00883	0.014	0.00578	mg/L	0.00005	0.0002	---
Beryllium (Be)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0002	0.001	---
Bismuth (Bi)	NR	NR	NR	NR	NR	<	NR	NR	<	NR	NR	NR	NR	NR	mg/L	NR	0.0001	---
Boron (B)	0.002	0.008	0.008	0.002	0.011	<	0.007	0.007	<	0.007	0.001	0.002	0.002	0.011	mg/L	0.001	0.02	---
Cadmium (Cd)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00005	0.0002	0.00003***
Calcium (Ca)	14.4	21.8	21.4	11.8	37.5	27.4	31.1	33	32.3	20.2	10.4	14.6	20	28	mg/L	0.02	0.5	---
Chromium (Cr)	0.00067	0.00096	0.00097	0.00083	0.00162	0.0023	0.00048	0.00139	0.003	0.00098	0.00056	0.00056	0.00086	0.00101	mg/L	0.00006	0.0008	---
Cobalt (Co)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	0.0002	---
Copper (Cu)	<	<	<	<	<	<	<	<	<	<	0.0008	0.0009	0.0009	<	mg/L	0.0006	0.001	0.002***
Iron (Fe)	0.014	0.015	0.016	0.007	0.018	0.172	0.013	0.015	0.032	0.019	0.025	0.03	0.012	0.029	mg/L	0.005	0.005	0.3
Lead (Pb)	<	<	<	<	<	<	<	<	0.0001	<	<	0.00015	<	<	mg/L	0.00005	0.0001	0.002***
Lithium (Li)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	mg/L	NR	NR	---
Magnesium (Mg)	3.35	5.21	5.2	2.66	8.58	4.5	6.74	6.87	7.8	4.84	2.37	2.42	4.67	6.97	mg/L	0.004	0.1	---
Manganese (Mn)	0.0014	0.0025	0.0024	0.0004	0.001	0.007	0.0006	0.0007	0.001	0.0018	0.0005	0.0008	0.0002	0.0008	mg/L	0.0001	0.001	---
Mercury (Hg)	0.00002	<	<	<	<	NR	<	<	NR	<	<	<	<	<	mg/L	0.00002	---	---
Molybdenum (Mo)	0.00006	0.00018	0.00018	0.00007	0.00033	<	0.00014	0.00014	0.0003	0.00017	<	<	0.00006	0.00017	mg/L	0.00006	0.0001	0.073
Nickel (Ni)	0.00011	<	<	0.00013	<	<	<	<	<	<	0.00015	0.00017	0.0001	<	mg/L	0.00006	0.0002	0.065***
Potassium (K)	0.84	1.13	1.12	0.83	1.46	0.8	1.06	1.1	1.8	1.07	0.76	0.78	0.98	1.05	mg/L	0.02	0.1	---
Selenium (Se)	<	0.0001	0.0001	<	0.0001	<	<	<	0.0005	<	<	<	<	<	mg/L	0.0001	0.0004	0.001
Silicon (Si)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	mg/L	NR	NR	---
Silver (Ag)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	0.0004	0.0001
Sodium (Na)	0.93	8.63	8.13	0.949	6.44	4	3.86	3.9	7	6.33	0.943	1.07	1.05	5.37	mg/L	0.005	1	---
Strontium (Sr)	0.0111	0.0229	0.0226	0.0098	0.0559	0.0463	0.0474	0.0481	0.0555	0.0207	0.0086	0.0113	0.0146	0.0459	mg/L	0.0001	0.0002	---
Thallium (Tl)	NR	NR	NR	NR	NR	<	NR	NR	<	NR	NR	NR	NR	NR	mg/L	NR	0.0001	0.0008
Tin (Sn)	NR	NR	NR	NR	NR	<	NR	NR	<	NR	NR	NR	NR	NR	mg/L	NR	0.0004	---
Titanium (Ti)	NR	NR	NR	NR	NR	<	NR	NR	<	NR	NR	NR	NR	NR	mg/L	NR	0.005	---
Uranium (U)	0.00033	0.00032	0.00031	0.00019	0.00054	0.0001	0.00021	0.00022	0.0006	0.00037	0.00019	0.00019	0.00023	0.00023	mg/L	0.00005	0.0001	---
Vanadium (V)	<	0.0001	0.0001	<	0.0001	0.0003	<	<	0.0003	0.00008	0.00007	0.00008	<	<	mg/L	0.00005	0.0002	---
Zinc (Zn)	<	<	<	<	<	<	<	<	<	<	<	0.0025	<	<	mg/L	0.0008	0.004	0.03
Dissolved Metals																		
Aluminum (Al)	0.0007	0.0007	0.0006	0.001	0.001	0.0005	0.0006	0.0009	0.0011	0.001	0.005	0.005	0.0035	0.0007	mg/L	0.0003	NA	0.1**
Antimony (Sb)	0.00008	0.00007	0.00009	0.00014	0.00015	0.00009	0.00018	0.0001	0.00008	0.00005	0.00015	0.00005	0.00008	0.00012	mg/L	0.00003	NA	---
Arsenic (As)	0.0002	0.00018	0.00021	0.00022	0.00028	0.00014	0.00014	0.00011	0.00017	0.00018	0.00007	0.00007	0.00008	0.00015	mg/L	0.00003	NA	0.005
Barium (Ba)	0.00888	0.00909	0.00913	0.00909	0.008	0.00426	0.00542	0.0055	0.00832	0.0087	0.00853	0.00864	0.0137	0.00561	mg/L	0.00005	NA	---
Beryllium (Be)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0002	NA	---
Bismuth (Bi)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	mg/L	NR	NA	---
Boron (B)	0.002	0.008	0.008	0.002	0.01	0.01	0.007	0.007	0.012	0.007	0.002	0.002	0.002	0.01	mg/L	0.001	NA	---
Cadmium (Cd)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00005	NA	0.00003***
Calcium (Ca)	15.7	23.7	23.3	13.1	40.2	25.3	31.3	30.9	31.6	22.2	10.5	10.4	20.3	26.7	mg/L	0.02	NA	---
Chromium (Cr)	0.00088	0.00027	0.00103	0.00076	0.00159	0.00107	0.0004	<	0.00158	0.00011	0.00048	0.00049	0.00088	0.00101	mg/L	0.00006	NA	---
Cobalt (Co)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	NA	---
Copper (Cu)	<	<	<	<	<	<	<	<	<	<	0.0008	0.0007	0.0009	<	mg/L	0.0006	NA	0.002***
Iron (Fe)	<	<	<	<	<	<	<	0.006	0.005	<	<	0.005	0.005	0.015	mg/L	0.005	NA	0.3
Lead (Pb)	<	<	<	<	<	<	<	<	0.00028	<	<	<	<	<	mg/L	0.00005	NA	0.002***
Lithium (Li)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NA	---
Magnesium (Mg)	3.56	5.82	5.76	2.98	9.5	4.79	6.71	6.62	8.28	5.48	2.31	2.27	4.64	6.82	mg/L	0.004	NA	---
Manganese (Mn)	0.0004	0.0003	0.0001	0.0001	<	0.0007	0.0004	0.0004	0.0006	<	0.0001	<	0.0001	0.0006	mg/L	0.0001	NA	---
Mercury (Hg)	0.00002	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00002	NA	---
Molybdenum (Mo)	0.0001	0.00021	0.0002	0.00008	0.00037	0.00011	0.00014	0.00014	0.00036	0.00021	<	<	<	0.00016	mg/L	0.00006	NA	0.073
Nickel (Ni)	0.00008	<	<	0.00011	<	<	<	<	0.00011	<	0.00019	0.00019	<	<	mg/L	0.00006	NA	0.065***
Potassium (K)	0.93	1.24	1.23	0.92	1.6	0.79	1.05	1.04	1.73	1.19	0.76	0.73	0.96	1.01	mg/L	0.02	NA	---
Selenium (Se)	0.0001	0.0001	0.0001	<	0.0004	<	<	<	<	0.0001	<	<	<	<	mg/L	0.0001	NA	0.001
Silicon (Si)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NA	---
Silver (Ag)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	NA	0.0001
Sodium (Na)	0.994	9.54	8.9	1.05	7.02	4.01	3.84	3.8	7.23	7.05	0.959	0.933	1.05	5.21	mg/L	0.005	NA	---
Strontium (Sr)	0.0119	0.0255	0.0248	0.0108	0.0625	0.0426	0.0479	0.0474	0.0513	0.0229	0.0087	0.0087	0.0146	0.0444	mg/L	0.0001	NA	---
Thallium (Tl)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NA	0.0008
Tin (Sn)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NA	---
Titanium (Ti)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NA	---
Uranium (U)	0.00015	0.00003	0.00029	0.0001	0.00063	0.00011	0.00021	0.0002	0.00053	0.00035	0.00016	0.00017	0.00022	0.00023	mg/L	0.00005	NA	---
Vanadium (V)	<	0.00009	0.00008	<	0.0001	<	<	<	0.00005	0.00006	<	<	<	<	mg/L	0.00005	NA	---
Zinc (Zn)	<	<	<	<	<	0.0024	0.0017	0.0017	0.003	<	0.0015	0.0015	0.0025	0.0021	mg/L	0.0008	NA	0.03

^ Canadian Council of Ministers of the Environment - Canadian Water Quality Guidelines for the Protection of Freshwater Aquatic Life (July 2006).

Legend

Outside CCME Guidelines

Due to elevated levels of suspended solids, Low Level Analysis was conducted

< denotes result below detection level

NR = Not Reported

NA = Not Applicable

- No Units

-- No Detection Limit

--- No CCME Guideline

* CCME guideline for Ammonia-N (Total Ammonia) is dependent on pH and temperature of the water. The range presented here for Ammonia is specific to the range of pH of the water at this site and the estimated temperature of the water during each sampling event.

** CCME guideline for Aluminum is dependent on pH. The guideline presented here for Aluminum is specific to the pH of the water at this site during this particular sampling event.

*** CCME guideline for Cadmium is dependent on hardness of the water and is calculated using the formula: Cd guideline = 10 exp{0.86[log(hardness)]-3.2}. The CCME guideline for Cadmium is specific to the average hardness of the water at this site during this particular sampling event.

**** CCME guideline dependent on hardness of the water and is specific to the average hardness of the water at this site during this particular sampling event.

TABLE 6. ANALYTICAL RESULTS OF ROCHE BAY, 21 - 23 AUGUST 2006

Analyte	WS1	WS3	WS5	WS6	WS7	WS8	WS8 Duplicate	WS9	WS11	WS12	WS13	WS13 Duplicate	WS14	WS15	WS16	UNITS	Detection Limits Ultra-Low Level	CCME Guideline^
Major Ions, Nutrients and Inorganics																		
Chloride (Cl)	<	2	13	3	12	9	9	6	14	10	3	4	4	1	11	mg/L	1	---
Calcium (Ca)	<	11.9	24	21.6	69	37.9	37.5	33.4	53.6	26	18.2	17.8	39.3	1.8	29	mg/L	0.5	---
Potassium (K)	<	1.2	1.4	1.3	1.7	1.4	1.4	1.4	2.2	1.5	1.4	1.4	2	0.6	1.5	mg/L	0.5	---
Magnesium (Mg)	<	2.4	5.3	4.4	12.6	8.3	8.3	6.6	13	5.8	3.9	3.7	8.7	0.4	8.4	mg/L	0.1	---
Sodium (Na)	<	1	8	2	9	5	5	4	10	7	3	3	3	1	7	mg/L	1	---
Ion Balance	105	Low EC	104	102	107	107	106	105	108	106	106	102	105	Low EC	99.4	%	--	---
TDS (Calculated)	*69*	42	101	77	244	138	138	118	210	104	68	67	137	6	126	mg/L	--	---
Hardness (as CaCO3)	65	40	82	72	224	129	128	111	187	89	62	60	134	6	107	mg/L	--	---
Nitrate+Nitrite-N	<	<	<	<	<	<	<	<	<	<	0.1	0.1	0.1	0.1	<	mg/L	0.1	---
Nitrate-N	<	<	<	<	<	<	<	<	<	<	0.1	0.1	0.1	0.1	<	mg/L	0.1	13
Nitrite-N	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.05	0.197
Sulfate (SO4)	4.9	1.1	5.2	4.7	23.4	12.9	12.3	5.8	21.9	6	2.3	2.2	3.6	0.9	9	mg/L	0.5	---
pH	8.1	7.9	8.2	8.1	8.4	8.3	8.3	8.3	8.4	8.2	8.1	8.1	8.3	7.1	8.2	pH	0.1	6.5-9
Conductivity (EC)	126	*79.6*	189	142	421	250	251	213	368	191	125	125	246	15.9	235	µS/cm	0.2	---
Bicarbonate (HCO3)	73	47	89	82	229	130	131	123	188	97	72	71	154	6	122	mg/L	5	---
Carbonate (CO3)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	5	---
Hydroxide (OH)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	5	---
Alkalinity, Total (as CaCO3)	59	38	73	67	193	106	107	101	158	80	59	58	127	<	100	mg/L	5	---
Ammonia-N	<	<	<	<	<	0.01	0.009	<	0.008	<	<	<	<	<	<	mg/L	0.005	1.04-4.84*
Total Organic Carbon	2	2	2	2	4	7	8	5	8	2	2	2	3	1	6	mg/L	1	---
Total Metals																		
Aluminum (Al)	0.0015	0.0019	0.0017	0.0024	0.0007	0.0019	0.0025	0.0012	0.0022	0.0087	0.003	0.0028	0.0032	0.0377	0.001	mg/L	0.0003	0.1**
Antimony (Sb)	0.00016	0.00019	0.00018	0.00025	0.00024	0.00015	0.00024	0.0002	0.0002	0.00007	0.0001	0.00012	0.0001	0.00006	0.00008	mg/L	0.00003	---
Arsenic (As)	0.00019	0.00007	0.00026	0.00026	0.00017	0.00017	0.00017	0.00019	0.00024	0.0002	0.00008	0.00008	0.00011	<	0.00018	mg/L	0.00003	0.005
Barium (Ba)	0.0104	0.00861	0.00944	0.0119	0.0115	0.00623	0.00647	0.00477	0.0136	0.0098	0.0142	0.0139	0.0276	0.00325	0.0068	mg/L	0.00005	---
Beryllium (Be)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0002	---
Bismuth (Bi)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Boron (B)	0.002	0.002	0.008	0.003	0.016	0.009	0.009	0.011	0.018	0.007	0.003	0.003	0.003	<	0.012	mg/L	0.001	---
Cadmium (Cd)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00005	0.00003***
Calcium (Ca)	18.1	10.9	22	19.8	65.9	35.4	36.5	32.5	53.6	24.7	17.3	16.8	36.4	1.43	28.8	mg/L	0.02	---
Chromium (Cr)	0.00094	0.00063	0.00019	0.00077	0.00256	0.00123	0.00142	0.00136	0.00206	0.00103	0.0007	0.00061	0.0003	0.00011	0.00116	mg/L	0.00006	---
Cobalt (Co)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	---
Copper (Cu)	<	<	<	<	<	<	<	<	<	<	0.0008	0.0008	0.0011	<	<	mg/L	0.0006	0.002***
Iron (Fe)	0.011	<	0.014	0.016	0.007	0.04	0.026	0.022	0.022	0.03	<	<	<	0.042	0.019	mg/L	0.005	0.3
Lead (Pb)	<	<	<	0.00018	<	<	<	<	<	<	<	<	<	<	0.00007	mg/L	0.00005	0.002***
Lithium (Li)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Magnesium (Mg)	4.63	2.7	5.92	4.35	12.3	8.19	8.37	6.65	13.1	5.74	3.82	3.64	8.23	0.363	8.44	mg/L	0.004	---
Manganese (Mn)	0.001	0.0007	0.0034	0.0008	0.0005	0.0009	0.0012	0.0009	0.0012	0.0028	<	<	<	0.0007	0.0005	mg/L	0.0001	---
Mercury (Hg)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00002	---
Molybdenum (Mo)	0.00009	0.00008	0.00022	0.00013	0.00031	0.00017	0.00016	0.00013	0.0005	0.00024	0.00009	0.00009	0.00011	<	0.0002	mg/L	0.00006	0.073
Nickel (Ni)	<	<	<	<	<	<	<	<	<	<	<	<	<	0.00019	<	mg/L	0.00006	0.065****
Potassium (K)	1.14	0.89	1.27	1.14	1.95	1.33	1.34	1.04	2.31	1.29	1.29	1.24	1.87	0.3	1.43	mg/L	0.02	---
Selenium (Se)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	0.001
Silicon (Si)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Silver (Ag)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	0.0001
Sodium (Na)	1.16	1.1	8.82	1.48	9.27	4.63	4.7	4.11	9.88	6.82	2.42	2.33	2.44	0.721	6.48	mg/L	0.005	---
Strontium (Sr)	0.0145	0.0091	0.0244	0.0165	0.0924	0.0586	0.0595	0.0676	0.0854	0.0242	0.0142	0.0139	0.026	0.0036	0.0533	mg/L	0.0001	---
Thallium (Tl)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0008
Tin (Sn)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Titanium (Ti)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Uranium (U)	0.00059	0.00036	0.00038	0.00079	0.00091	0.00025	0.00025	0.00011	0.00095	0.00125	0.00066	0.00064	0.00099	0.00008	0.00028	mg/L	0.00005	---
Vanadium (V)	0.00037	0.00034	0.00039	<	<	<	<	<	0.00008	0.00011	0.00007	0.00006	0.00008	0.00006	<	mg/L	0.00005	---
Zinc (Zn)	<	<	<	<	<	<	<	0.0011	<	<	<	<	0.001	<	<	mg/L	0.0008	0.03
Dissolved Metals																		
Aluminum (Al)	0.0011	0.0011	0.0007	0.0021	0.0007	0.0006	0.0006	0.0006	0.0008	0.0012	0.0026	0.0026	0.0029	0.0083	0.0007	mg/L	0.0003	0.1**
Antimony (Sb)	0.00013	0.00017	0.00023	0.00021	0.00023	0.00023	0.0002	0.00027	0.00028	0.00008	0.00017	0.00013	0.00006	0.00008	0.00008	mg/L	0.00003	---
Arsenic (As)	0.00019	0.00007	0.00025	0.00025	0.00017	0.00017	0.00018	0.00018	0.00025	0.0002	0.00008	0.00008	0.00012	<	0.00015	mg/L	0.00003	0.005
Barium (Ba)	0.0106	0.00847	0.00925	0.0117	0.0114	0.00599	0.00627	0.00464	0.0134	0.0096	0.014	0.0142	0.0285	0.00297	0.00686	mg/L	0.00005	---
Beryllium (Be)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0002	---
Bismuth (Bi)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Boron (B)	0.003	0.002	0.009	0.003	0.016	0.009	0.009	0.011	0.017	0.007	0.003	0.003	0.003	<	0.012	mg/L	0.001	---
Cadmium (Cd)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00005	0.00003***
Calcium (Ca)	18.7	10.8	22.5	19.9	64.5	34.1	35.3	31.8	50.9	24.5	17.3	17	37.6	1.46	28.3	mg/L	0.02	---
Chromium (Cr)	0.00022	0.00063	0.00021	0.00087	0.0025	0.00135	0.00137	0.00128	0.00205	0.00076	0.00074	0.00063	0.0002	0.00008	0.0012	mg/L	0.00006	---
Cobalt (Co)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	---
Copper (Cu)	<	<	<	0.0006	<	<	<	<	<	<	0.0009	0.0008	0.0012	<	<	mg/L	0.0006	0.002****
Iron (Fe)	<	<	<	0.006	0.005	0.008	0.009	0.006	0.011	0.005	<	<	<	0.009	0.005	mg/L	0.005	0.3
Lead (Pb)	<	<	<	<	0.00008	<	<	<	<	<	<	<	<	<	<	mg/L	0.00005	0.002****
Lithium (Li)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Magnesium (Mg)	4.72	2.64	6	4.3	12.1	7.84	8.11	6.51	12.7	5.73	3.85	3.71	8.51	0.348	8.45	mg/L	0.004	---
Manganese (Mn)	0.0004	0.0002	0.0004	0.0005	0.0005	0.0005	0.0005	0.0005	0.0009	0.0004	<	<	<	0.0002	0.0003	mg/L	0.0001	---
Mercury (Hg)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00002	---
Molybdenum (Mo)	0.00009	0.00008	0.00022	0.00013	0.00031	0.00016	0.00017	0.00014	0.00047	0.00025	0.00009	0.00009	0.00013	<	0.0002	mg/L	0.00006	0.073
Nickel (Ni)	0.00006	0.00008	<	<	<	<	<	<	<	<	<	<	<	0.00021	<	mg/L	0.00006	0.065****
Potassium (K)	1.15	0.84	1.26	1.12	1.87	1.25	1.29	0.99	2.17	1.25	1.29	1.24	1.9	0.28	1.38	mg/L	0.02	---
Selenium (Se)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	0.001
Silicon (Si)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Silver (Ag)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	0.0001
Sodium (Na)	1.22	1.1	9	1.45	8.92	4.46	4.57	3.99	9.56	6.56	2.46	2.31	2.49	0.709	6.46	mg/L	0.005	---
Strontium (Sr)	0.0152	0.009	0.0243	0.0162	0.0912	0.0569	0.058	0.0664	0.0814	0.024	0.0144	0.0143	0.027	0.0035	0.0538	mg/L	0.0001	---
Thallium (Tl)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0008
Tin (Sn)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Titanium (Ti)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Uranium (U)	0.00053	0.00032	0.00035	0.00075	0.00084	0.00024	0.00025	0.0001	0.00086	0.00129	0.00061	0.00059	0.00086	0.00006	0.00027	mg/L	0.00005	---
Vanadium (V)	0.00037	0.00035	0.00038	<	<	<	<	<	0.00006	0.00007	0.00006	<	0.00008	<	<	mg/L	0.00005	---
Zinc (Zn)	0.002	0.001	<	0.0025	0.0026	0.0027	0.0029	0.0048	0.0082	0.0065	0.0022	0.002	0.0033	0.0029	0.005	mg/L	0.0008	0.03

^ Canadian Council of Ministers of the Environment - Canadian Water Quality Guidelines for the Protection of Freshwater Aquatic Life (July 2006).

Legend

Outside CCME Guidelines

Due to elevated levels of suspended solids, Low Level Analysis was conducted

< denotes result below detection level

NR = Not Reported

- No Units

-- No Detection Limit

--- No CCME Guideline

* CCME guideline for Ammonia-N (Total Ammonia) is dependent on pH and temperature of the water. The range presented here for Ammonia is specific to the range of pH of the water at this site and the estimated temperature of the water during each sampling event.

** CCME guideline for Aluminum is dependent on pH. The guideline presented here for Aluminum is specific to the pH of the water at this site during this particular sampling event.

*** CCME guideline for Cadmium is dependent on hardness of the water and is calculated using the formula: Cd guideline = 10 exp{0.86[log(hardness)]-3.2}. The CCME guideline for Cadmium is specific to the average hardness of the water at this site during this particular sampling event.

**** CCME guideline dependent on hardness of the water and is specific to the average hardness of the water at this site during this particular sampling event.

TABLE 7. ANALYTICAL RESULTS OF ROCHE BAY, 25 - 27 JUNE 2007

Analyte	WS1	WS2	WS5	WS6	WS7	WS8	WS8 Duplicate	WS9	WS10	WS11	WS12	WS12 Duplicate	WS13	WS14	WS15	WS16	WS17	WS18	WS19	WS19 Duplicate	WS24	WS24 Duplicate	WS26	GW12(June07)~	UNITS	Detection Limits		CCME Guideline*
																										Ultra-Low Level	Low Level	
Major Ions, Nutrients and Inorganics																												
Chloride (Cl)	1	2	17	2	6	4	4	2	10	2	2	2	2	2	5	2	1	1	<	1	2	2	1	1	mg/L	NA	1	---
Fluoride (F)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	27.2	14.8	12.2	16.6	4.8	4.6	12.9	12.9	0.7	2.3	mg/L	NA	0.5	---
Calcium (Ca)	13.5	11	31.1	17.3	41.1	20.9	20.8	14.9	42.5	10.9	7.4	7.4	13.5	4.5	0.8	0.6	0.5	0.5	0.5	0.5	0.9	0.9	0.4	0.5	mg/L	NA	0.1	---
Potassium (K)	0.8	1.1	1.5	1.2	0.9	0.7	0.7	0.4	1.4	0.6	1.4	0.7	0.8	0.6	0.6	0.7	0.6	0.5	0.5	0.5	0.9	0.9	0.4	0.5	mg/L	NA	0.1	---
Magnesium (Mg)	2.6	2.5	7.3	3.8	5.8	3.7	3.7	1.9	7.7	2.5	0.8	1.3	2.7	0.9	5	2.8	1.9	3.1	1.1	1	2.5	2.4	0.1	0.4	mg/L	NA	0.1	---
Sodium (Na)	1	2	10	2	4	3	3	2	6	2	3	2	1	2	6	1	1	1	1	1	2	1	1	1	mg/L	NA	1	---
Ion Balance	Low EC	Low EC	100	107	101	106	105	Low EC	104	Low EC	Low EC	Low EC	Low EC	Low EC	108	94.6	Low EC	94.8	Low EC	Low EC	Low EC	Low EC	Low EC	Low EC	%	NA	---	---
TDS (Calculated)	47	43	134	63	137	73	73	49	152	42	31	29	51	20	99	53	42	59	17	19	48	47	4	11	mg/L	NA	---	---
Hardness (as CaCO3)	44	38	108	59	127	67	67	45	138	38	22	24	45	15	89	48	38	54	17	16	43	42	2	7	mg/L	NA	---	---
Iron-Extractable	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	NA	0.05	0.3
Manganese-Extractable	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	NA	0.01	---
Nitrate+Nitrite-N	<	0.018	<	0.006	<	<	<	<	<	0.017	0.015	0.016	<	0.034	<	0.009	0.017	0.014	0.013	0.01	0.016	0.016	0.02	0.029	mg/L	NA	0.006	---
Nitrate-N	<	0.015	<	0.006	<	<	<	<	<	0.017	0.015	0.014	<	0.034	<	0.009	0.015	0.012	0.013	0.01	0.016	0.016	0.02	0.029	mg/L	NA	0.006	13
Nitrite-N	<	0.003	<	<	<	<	<	<	<	<	0.002	<	<	<	<	<	0.002	0.003	<	<	<	<	<0.002	<0.002	mg/L	NA	0.002	0.197
Sulfate (SO4)	2.4	4.96	9.21	5.97	6.89	4.67	4.69	1.55	12.1	1.48	0.78	0.75	1.56	1.35	5.07	1.57	1.65	2.09	0.9	0.91	4.25	4.25	0.57	1.23	mg/L	NA	0.05	---
pH	7.7	7.6	8.1	7.9	8.2	7.9	7.9	7.8	8.2	7.7	7.7	7.7	7.9	7.2	8	7.9	8	8.1	7.4	7.4	7.7	7.7	6.5	7.1	pH	NA	0.1	6.5-9
Conductivity (EC)	87.8	78.9	257	120	253	140	141	91.8	277	78.5	54.6	54.5	98.4	38.1	184	103	83.6	114	36.9	36.8	89.6	89.4	9.3	20.8	µS/cm	NA	0.2	---
Bicarbonate (HCO3)	53	41	119	63	146	73	74	54	146	45	32	30	60	17	101	61	49	69	19	20	48	48	<	8	mg/L	NA	5	---
Carbonate (CO3)	<	<	<	<	<	<	<	<	<	<	<5	<5	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	NA	5	---
Hydroxide (OH)	<	<	<	<	<	<	<	<	<	<	<5	<5	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	NA	5	---
Alkalinity, Total (as CaCO3)	43	33	97	52	120	60	61	44	120	37	26	25	49	14	83	50	40	57	15	16	39	39	<	7	mg/L	NA	5	---
Ammonia-N	0.105	0.04	<	0.032	0.075	0.025	0.015	0.015	0.069	0.013	0.009	0.008	<	0.024	0.041	<	0.006	0.024	0.03	<	0.015	0.027	0.034	0.009	mg/L	NA	0.005	1.04-48.3^
Phosphorus, Total	0.008	0.006	0.005	0.005	0.015	0.006	0.007	0.006	0.006	0.01	0.015	0.018	0.004	0.006	0.01	0.005	0.012	0.026	0.001	0.001	0.017	0.015	0.005	0.009	mg/L	NA	0.001	---
Total Organic Carbon	3	3	3	3	3	5	5	3	5	3	3	3	3	3	5	2	2	2	2	2	3	3	2	2	mg/L	NA	1	---
Total Suspended Solids	<	<	<	10	<	<	<	<	<	4	10	12	<	<	<	<	19	46	<	<	4	5	3	4	mg/L	NA	3	---
Turbidity	1.2	1	0.45	0.35	0.35	0.45	0.35	0.35	0.4	0.35	1.1	1	0.35	0.45	0.7	0.45	2.3	4.6	0.25	0.25	0.4	0.65	0.7	1	NTU	NA	0.1	---
Total Metals																												
Aluminum (Al)	0.0061	0.0073	0.0034	0.03	<	0.0053	0.0049	0.0034	0.0025	0.15	0.33	0.32	<	0.0639	0.0028	0.0117	0.5	1	0.0111	0.0091	0.13	0.14	0.13	0.22	mg/L	0.0003	0.02	0.1
Antimony (Sb)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00003	0.0004	---
Arsenic (As)	0.00014	0.00031	0.00031	<	<	0.00014	0.00014	0.00007	0.00021	<	<	<	<	0.00006	0.00017	0.00007	<	<	0.00004	0.00003	<	<	<	<	mg/L	0.00003	0.0004	0.005
Barium (Ba)	0.00766	0.0111	0.0128	0.012	0.01	0.00457	0.0045	0.00201	0.0112	0.0063	0.008	0.0081	0.0113	0.00541	0.00634	0.00527	0.0069	0.0113	0.00435	0.0043	0.01	0.01	0.0047	0.0068	mg/L	0.00005	0.0002	---
Beryllium (Be)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0002	0.001	---
Bismuth (Bi)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00003	0.0001	---
Boron (B)	0.002	0.002	0.009	<	<	0.004	0.004	0.004	0.018	<	<	<	<	0.002	0.009	0.003	<	<	<	<	<0.02	<	<	<	mg/L	0.001	0.02	---
Cadmium (Cd)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00005	0.0002	0.00002**
Calcium (Ca)	12.8	10.1	30.5	15.5	38.9	20.1	20.1	14.1	40.5	11.6	8.1	8.2	12.9	4.38	24.8	15.2	14.9	26.8	4.66	4.63	13	12.9	0.9	2.5	mg/L	0.02	0.5	---
Chromium (Cr)	0.00007	<	0.00008	<	<	<	0.00007	<	<	<	<	<	<	0.00023	<	<	<	<	<	<	<	<	<	<	mg/L	0.00006	0.0008	---
Cobalt (Co)	<	<	<	<	<	<	<	<	<	<	0.0002	<	<	<	<	<	0.0002	0.0005	<	<	<	<	<	<	mg/L	0.0001	0.0002	---
Copper (Cu)	<	<	<	<	<	<	<	<	<	<	<	<	<	0.0008	<	<	<	0.002	0.0007	0.0006	<	<	<	<	mg/L	0.0006	0.001	0.002***
Iron (Fe)	0.016	0.018	0.011	0.054	0.021	0.059	0.039	0.031	0.029	0.247	0.422	0.403	0.013	0.091	0.073	0.022	0.61	1.29	0.013	0.012	0.188	0.215	0.147	0.291	mg/L	0.005	0.005	0.3
Lead (Pb)	<	<	<	<	<	<	<	<	<	0.0001	0.0002	0.0002	<	0.00007	<	<	0.0003	0.0007	<	<	<	0.0001	<	0.0001	mg/L	0.00005	0.0001	0.001***
Lithium (Li)	0.0007	0.0006	0.0018	<	<	0.001	0.0011	0.0005	0.0031	<	<	<	<	0.0003	0.0014	0.0006	<	<	0.0002	0.0001	<	<	<	<	mg/L	0.0001	0.006	---
Magnesium (Mg)	2.41	2.02	7.11	3.3	5	3.32	3.3	1.69	6.81	2.8	2	2	2.7	0.955	4.51	2.83	3.1	6.4	1.05	1.04	2.5	2.4	0.3	0.7	mg/L	0.004	0.1	---
Manganese (Mn)	0.0093	0.0029	0.002	0.003	<	0.008	0.0073	0.0061	0.0019	0.006	0.009	0.008	<	0.0068	0.0106	0.0013	0.011	0.024	0.0016	0.0015	0.008	0.008	0.009	0.011	mg/L	0.0001	0.001	---
Mercury (Hg)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00002	0.00002	---
Molybdenum (Mo)	0.00007	0.00008	0.00028	0.0001	0.0002	0.0001	0.0001	0.00006	0.00033	0.0002	<	<	0.0001	<	0.0014	0.00012	0.0001	0.0001	0.0001	0.00008	0.0001	0.0001	0.0001	<	mg/L	0.00006	0.0001	0.073
Nickel (Ni)	0.00015	0.00053	0.00012	0.0007	0.0009	<	0.00009	<	0.00007	0.0009	0.0009	0.0011	0.0004	0.00043	0.00011	0.00012	0.0011	0.0023	0.00021	0.0002	0.0008	0.0008	0.0009	0.0011	mg/L	0.00006	0.0002	0.025***
Potassium (K)	0.64	0.94	1.56	1	1	0.61	0.61	0.33	1.42	0.6	0.7	0.7	0.9	0.47	0.82	0.62	0.8	1.1	0.4	0.39	0.7	0.7	0.3	0.4	mg/L	0.02	0.1	---
Selenium (Se)	<	<	0.0002	<	<	0.0001	<	<	0.0001	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	0.0004	0.001
Silicon (Si)	0.3	0.3	0.8	0.4	0.5	0.4	0.4	0.2	0.7	0.6	0.9	0.8	0.3	0.5	0.5	0.3	1.4	2.4	0.4	0.4	0.7	0.7	0.5	0.8	mg/L	0.1	0.1	---
Silver (Ag)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<0.0001	<0.0001	<	<	<	<	mg/L	0.0001	0.0004	0.0001
Sodium (Na)	1.04	1.07	10.8	1	4	2.37	2.38	1.12	5.54	1	1	1	1	1.39	3.79	0.957	<	1	0.656	0.644	1	1	<	<	mg/L	0.005	1	---
Strontium (Sr)	0.0099	0.0093	0.0337	0.014	0.0502	0.0269	0.0277	0.0218	0.0506	0.0121	0.0083	0.0087	0.0127	0.0064	0.036	0.0112	0.0142	0.0249	0.0062	0.0061	0.0129	0.0128	0.0055	0.0069	mg/L	0.0001	0.0002	---
Thallium (Tl)	NR	NR	NR	0.0001	<	NR	NR	NR	NR	<	<	<	<	NR	NR	NR	<	<	NR	NR	<	<	<	<	mg/L	NR	0.0001	0.0008
Tin (Sn)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	0.0004	---
Titanium (Ti)	NR	NR	NR	<	<	NR	NR	NR	NR	0.011	0.02	0.022	<	NR	NR	NR	0.03	0.06	NR	NR	0.008	0.01	0.009	0.02	mg/L	NR	0.005	---
Uranium (U)	0.00034	0.00038	0.0007	0.0008	0.0004	0.0002	0.0002	<	0.00051	0.0011	0.0002	0.0002	0.0001	0.00017	0.00029	0.00044	0.0006	0.0014	0.00027	0.00026	0.0022	0.0022	<	0.0001	mg/L	0.00005	0.0001	---
Vanadium (V)	0.00006	<	0.00014	<	<	0.00009	0.00009	0.00006	0.0001	<	<	<	<	0.00018	0.00008	0.00009	0.0005	0.0015	<	<	<	<	<	<	mg/L	0.00005	0.0002	---
Zinc (Zn)	0.0008	<	0.0009	<	<	0.0014	0.0014	<	0.0014	<	<	<	<	0.003	<0.0008	0.0014	<	<	<	<	<	0.005	0.006	<	mg/L	0.0008	0.004	0.03
Dissolved Metals																												
Aluminum (Al)	0.0012	0.0034	0.0007	0.0018	0.0007	0.0009	0.0007	0.0007	0.0008	0.0034	0.0083	0.0082	0.0034	0.0151	0.0007	0.0026	0.0142	0.0183	0.0028	0.0029	0.0045	0.0044	0.0237	0.0163	mg/L	0.0003	NA	0.1
Antimony (Sb)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00003	NA	---
Arsenic (As)	0.00013	0.0003	0.00031	0.00021	0.00014	0.00014	0.00014	0.00008	0.00021	0.00005	0.00006	0.00005	0.00008	<0.00003	0.00016	0.00006	0.00006	0.00005	0.00004	0.00004	0.00009	0.00008	<	0.00005	mg/L	0.00003	NA	0.005
Barium (Ba)	0.00739	0.011	0.0125	0.0121	0.00875	0.00461	0.00447	0.00199	0.011	0.00455	0.00567	0.00568	0.0107	0.00488	0.00643	0.00505	0.00392	0.00375	0.00425	0.00415	0.00878	0.00867	0.00346	0.0047	mg/L	0.00005	NA	---
Beryllium (Be)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0002	NA	---
Bismuth (Bi)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00003	NA	---
Boron (B)	0.002	0.002	0.01	0.002	0.012	0.005	0.004	0.004	0.019	0.002	0.002	0.002	0.003	0.001	0.009	0.003	0.002	0.002	0.001	<0.001	0.002	0.002	<	0.001	mg/L	0.001	NA	---
Cadmium (Cd)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00005	NA	0.00002**
Calcium (Ca)	12.4	10.1	30.6	16.1	40.3	20.5	20.3	14.4	40.5	10.5	6.67	6.56	14.1	4.41	25.2	14.9	11.6	15.8	4.6	4.63	12.5	12.6	0.81	2.35	mg/L	0.02	NA	---
Chromium (Cr)	<	<	0.00006	0.00008	<	<	0.00054	0.00007	<	0.00009	0.00008	0.00009	<	0.00011	<	<	<	<	<	<	<	<	<	<	mg/L	0.00006	NA	---
Cobalt (Co)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	NA	---
Copper (Cu)	<	<	<	<	<	<	<	<	<	<	<	<	<	0.0007	<	<	0.0007	<	0.0006	0.0006	0.0008	0.0007	<	0.0006	mg/L	0.0006	NA	0.002***
Iron (Fe)	0.006	0.009	<	0.006	0.005	0.0038	0.023	0.02	0.015	0.017	0.012	0.012	<	0.011	0.049	<	0.011	0.02	<	<	0.015	0.016	0.012	0.012	mg/L	0.005	NA	0.3
Lead (Pb)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00005	NA	0.001***
Lithium (Li)	0.0007	0.0006	0.0019	0.0009	0.0021	0.0011	0.0011	0.0006	0.0032	0.0005	0.0004	0.0004	0.0009	0.0002	0.0014	0.0005	0.0004	0.0006	0.0002	0.0002	0.0006	0.0006	<	<	mg/L	0.0001	NA	---
Magnesium (Mg)	2.28	2.01	6.94	3.37	5.28	3.29	3.25	1.74	6.71	2.28	1.35	1.34	2.79	0.914	4.47	2.76	1.87	3.1	1.02	1	2.16	2.2	0.231	0.483	mg/L	0.004	NA	---
Manganese (Mn)	0.0092	0.0025	0.0008	0.0009	0.0007	0.0079	0.0088	0.0053	0.0007	0.0021	0.0013	0.0013	0.0001	0.0056	0.0104	0.0008	0.0022	0.0032	0.0012	0.0012	0.0044	0.0044	0.0075	0.0065	mg/L	0.0001	NA	---
Mercury (Hg)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00002	NA	---
Molybdenum (Mo)	0.00007	0.00008	0.00028	0.00011	0.00019	0.00012	0.00013	0.00008	0.00035	0.00011	<	<	0.0001	0.00007	0.00015	0.00012	0.0001	0.00009	0.00008	0.00009	0.00015	0.00015	<	<	mg/L	0.00006	NA	0.073
Nickel (Ni)	0.00014	0.00057	0.00017	0.00031	0.0002	0.00008	0.00023	0.0001	0.00011	0.00023	0.00019	0.00021	0.00023	0.00048	0.00018	0.00014	0.00023	0.00015	0.00028	0.00023	0.00035	0.00034	0.00043	0.00049	mg/L	0.00006	NA	0.025***
Potassium (K)	0.6	0.92	1.52	1.03	0.94	0.6	0.6	0.34	1.39	0.54	0.53	0.52	0.82	0.45	0.8	0.6	0.44	0.49	0.38	0.38	0.81	0.83	0.27	0.37	mg/L	0.02	NA	---
Selenium (Se)	<	<	0.0002	<	<	<	<	<	0.0001	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	NA	0.001
Silicon (Si)	0.3	0.3	0.8	0.4	0.5	0.4	0.4	0.2	0.7	0.3	0.3	0.3	0.4	0.4	0.5	0.2	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.5	mg/L	0.1	NA	---
Silver (Ag)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	NA	0.0001
Sodium (Na)	0.991	1.07	10.8	1.64	4.31	2.39	2.37	1.15	5.54	1.19	1.12	1.12	1.15	1.42	3.71	0.978	0.916	0.99	0.654	0.645	1.11	1.16	0.513	0.633	mg/L	0.005	NA	---
Strontium (Sr)	0.0098	0.0095	0.0336	0.0141	0.049	0.0277	0.0274	0.0224	0.0508	0.0079	0.0056	0.0056	0.0106	0.0066	0.037	0.0111	0.0106	0.0119	0.0061	0.006	0.0113	0.0111	0.0028	0.0044	mg/L	0.0001	NA	---
Tin (Sn)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	NA	---
Uranium (U)	0.00029	0.00036	0.00061	0.00069	0.00031	0.00018	0.00019	<0.00005	0.00047	0.00099	0.00011	0.00011	0.0001	0.00015	0.00027	0.00035	0.00056	0.00117	0.00021	0.00021	0.00206	0.0021	0.00005	0.00007	mg/L	0.00005	NA	---
Vanadium (V)	<	<	0.00011	0.00006	0.00007	0.00005	0.00027	0.00006	0.00007	<	0.00008	0.00009	0.00007	0.00009	<	0.00006	0.00007	0.00008	<	<	<	<	<	<	mg/L	0.00005	NA	---
Zinc (Zn)	0.0065	0.0027	0.0039	0.003	0.0046	0.0078	0.0032	0.0029	0.0045	0.0025	0.0032	0.0026	0.0024	0.003	0.0075	0.0027	0.0046	0.0023	0.0028	0.0033	0.0026	0.0028	0.0055	0.0028	mg/L	0.0008	NA	0.03

^ Canadian Council of Ministers of the Environment - Canadian Water Quality Guidelines for the Protection of Freshwater Aquatic Life (July 2006).

Legend

Outside CCME Guidelines

Due to elevated levels of suspended solids, Low Level Analysis was conducted

< denotes result below detection level

NR = Not Reported

~Site sampled one time only; not part of future sampling programs

- No Units

--- No Detection Limit

--- No CCME Guideline

* CCME guideline for Ammonia-N (Total Ammonia) is dependent on pH and temperature of the water. The range presented here for Ammonia is specific to the range of pH of the water at this site and the estimated temperature of the water during each sampling event.

** CCME guideline for Aluminum is dependent on pH. The guideline presented here for Aluminum is specific to the pH of the water at this site during this particular sampling event.

*** CCME guideline for Cadmium is dependent on hardness of the water and is calculated using the formula: Cd guideline = 10 exp{0.86[log(hardness)]-3.2}. The CCME guideline for Cadmium is specific to the average hardness of the water at this site during this particular sampling event.

**** CCME guideline dependent on hardness of the water and is specific to the average hardness of the water at this site during this particular sampling event.

TABLE 8. ANALYTICAL RESULTS OF ROCHE BAY, 30 JULY - 1 AUGUST 2007

Analyte	WS1	WS2	WS2 Duplicate	WS3	WS5	WS6	WS7	WS10	WS11	WS12	WS12 Duplicate	WS13	WS14	WS15	WS16	WS17	WS18	WS19	WS19 Duplicate	WS20	WS20 Duplicate	WS21	WS22	WS23	WS24	WS274Duplicate	WS25	WS26	WS27	WS28	WS29	WS30	WQ9(July07)~	UNITS	Detection Limits		CCME Guideline^
																																			Ultra-Low Level	Low Level	
Major Ions, Nutrients and Inorganics																																				
Chloride (Cl)	1	1	<	2	12	2	9	8	12	<	2	2	1	11	2	2	2	<	<	<	<	<	1	1	2	2	2	<	<	<	<	<	7	mg/L	NA	1	---
Fluoride (F)	<	<	<	<	<	<	0.06	0.07	<	<	<	<	<	0.05	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	NA	0.05	---
Calcium (Ca)	19.6	15.6	15.5	11.4	21.8	17.2	54.3	41.3	22.5	12.3	12.3	30.4	1.3	30.8	26.9	7.1	15	2.6	2.6	1.3	1.3	6.6	3.5	18.1	11.3	11.2	4.8	0.6	0.9	8	4.7	6.3	26.3	mg/L	NA	0.5	---
Potassium (K)	1.2	1.3	1.4	0.9	1.1	1.1	1	1.2	1.2	1	1.1	1.4	0.4	1.3	1	0.5	0.5	0.4	0.4	0.5	0.3	0.5	0.6	0.9	0.7	0.8	0.5	0.3	0.3	0.6	0.6	0.6	0.9	mg/L	NA	0.1	---
Magnesium (Mg)	4.2	3.3	3.3	2.4	5	3.7	8.4	8.3	5	2.7	2.6	6.7	0.2	8.6	6	1.3	3.1	0.5	0.6	0.2	0.2	1.1	0.7	4.1	2.1	2	0.7	0.1	0.2	1.1	0.7	1	5.3	mg/L	NA	0.1	---
Sodium (Na)	1	1	1	1	7	2	7	7	7	2	2	2	<	7	1	2	<	<	<	<	<	<	<	1	1	1	1	<	<	1	<	<	5	mg/L	NA	1	---
Ion Balance	103	101	103	Low EC	99.3	102	105	106	102	Low EC	Low EC	102	Low EC	104	103	Low EC	Low EC	Low EC	Low EC	Low EC	Low EC	Low EC	Low EC	105	Low EC	Low EC	Low EC	Low EC	Low EC	Low EC	Low EC	Low EC	102	%	NA	--	---
TDS (Calculated)	71	58	57	42	95	64	183	152	95	44	46	106	4	128	92	28	51	9	9	3	2	23	13	63	41	40	18	2	2	27	16	21	99	mg/L	NA	--	---
Hardness (as CaCO3)	66	53	52	38	75	58	170	137	77	42	41	103	4	112	92	23	50	9	9	4	4	21	12	62	37	36	15	2	3	25	15	20	87	mg/L	NA	--	---
Iron-Extractable	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	NA	0.05	0.3
Manganese-Extractable	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	NA	0.01	---
Nitrate+Nitrite-N	<	0.008	0.009	<	<	<	<	<	0.016	0.017	0.018	0.031	0.019	<	0.019	0.009	0.014	<	<	0.008	0.007	0.007	<	0.016	0.017	0.016	0.014	0.02	0.016	0.042	0.012	0.022	0.007	mg/L	NA	0.006	---
Nitrate-N	<	0.008	0.009	<	<	<	<	<	0.016	0.017	0.018	0.031	0.019	<	0.019	0.009	0.014	<	<	0.008	0.007	0.007	<	0.016	0.017	0.016	0.014	0.02	0.016	0.042	0.012	0.022	0.007	mg/L	NA	0.006	13
Nitrite-N	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	NA	0.002	0.197
Sulfate (SO4)	8.11	6.64	6.64	1.39	7.01	5.53	10.5	16.4	7.28	1.01	0.99	2.3	0.77	11.3	2.78	1.12	1.5	0.53	0.52	0.57	0.55	2.3	0.63	2.43	2.94	2.96	0.96	0.64	0.72	1.85	1.56	2.31	3.8	mg/L	NA	0.05	---
pH	8.1	8	8	7.9	8.1	8.1	8.3	8.2	8.1	7.9	7.9	8.2	7	8.2	8.2	7.7	8	7.3	7.3	7	7	7.7	7.4	8.1	7.9	7.9	7.5	6.7	6.8	7.7	7.5	7.6	8.2	pH	NA	0.1	6.5-9
Conductivity (EC)	138	112	112	81.4	178	124	327	277	183	87.1	87.2	199	13.4	240	174	53.1	98.8	20.8	20.7	12.3	12.3	44.3	26.8	123	78.9	78.9	36.3	8.3	10.5	54.8	35.3	46.4	187	µS/cm	NA	0.2	---
Bicarbonate (HCO3)	71	58	58	46	83	66	188	142	82	51	51	124	<	118	106	28	58	10	10	5	5	25	14	71	41	41	17	<	<	29	17	21	102	mg/L	NA	5	---
Carbonate (CO3)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	NA	5	---
Hydroxide (OH)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	NA	5	---
Alkalinity, Total (as CaCO3)	59	48	48	38	68	54	155	116	67	42	42	102	<	97	87	23	48	8	8	<	<	21	11	59	34	34	14	<	<	24	14	17	84	mg/L	NA	5	---
Ammonia-N	0.012	<	0.016	<	0.009	0.02	0.028	0.031	0.016	<	<	0.012	<	0.033	0.006	0.013	0.01	0.012	0.013	0.007	<	0.019	0.009	<	0.034	<	<	0.026	<	<	0.006	0.016	0.022	mg/L	NA	0.005	1.04-48.3*
Phosphorus, Total	0.005	0.002	0.002	0.003	0.004	0.002	0.002	0.003	0.005	0.001	0.002	0.003	0.002	0.007	0.001	0.003	0.002	0.002	0.002	0.002	0.002	0.003	0.004	0.001	0.002	0.002	0.002	0.003	0.002	0.006	0.002	0.002	0.006	mg/L	NA	0.001	---
Total Organic Carbon	2	2	2	2	2	3	4	6	2	2	2	3	2	6	2	1	2	1	1	1	1	2	3	2	2	2	2	1	1	2	2	2	4	mg/L	NA	1	---
Total Suspended Solids	10	5	<	<	<	<	3	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	3	<	<	<	<	3	<	<	4	mg/L	NA	3	
Turbidity	0.6	0.2	0.25	0.4	0.5	0.2	0.7	0.6	0.4	<	0.2	<	0.65	0.9	0.15	0.75	0.3	0.4	0.95	0.95	1	0.35	1.5	0.2	0.3	0.4	0.35	0.6	0.6	0.85	0.65	0.4	0.6	NTU	NA	0.1	---
Total Metals																																				
Aluminum (Al)	0.08	0.0024	0.0024	0.024	0.0037	0.0039	0.0019	0.003	0.032	0.0043	0.0054	0.0055	0.0297	0.0038	0.0028	0.0313	0.0125	0.018	0.0185	0.0482	0.0464	0.0108	0.0803	0.0067	0.0095	0.0085	0.0133	0.033	0.0333	0.0886	0.0517	0.0267	0.02	mg/L	0.0003	0.02	0.1**
Antimony (Sb)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00003	0.0004	---
Arsenic (As)	<	0.00033	0.00035	0.00008	0.00029	0.00019	0.0002	0.0002	0.00026	0.00007	0.00007	0.0001	<	0.00021	0.00007	0.00004	0.00005	<	<	<	<	0.00004	0.00006	0.00007	0.00008	0.00008	0.00003	<	<	0.00006	0.00008	0.00004	<	mg/L	0.00003	0.0004	0.005
Barium (Ba)	0.0143	0.0131	0.0129	0.0083	0.0182	0.0111	0.00998	0.00991	0.00905	0.00248	0.00937	0.0201	0.00296	0.00682	0.00696	0.00279	0.00205	---	0.00218	0.00221	0.00233	0.00232	0.00062	0.00614	0.00709	0.00676	0.00687	0.00314	0.00268	0.00284	0.00466	0.00516	0.00416	0.0069	mg/L	0.00005	0.0002	---
Beryllium (Be)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0002	0.001	---
Bismuth (Bi)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00003	0.0001	---
Boron (B)	<	0.001	0.001	0.001	0.007	0.002	0.016	0.017	0.008	0.001	0.001	0.002	<	0.013	0.002	0.001	0.001	<	<	<	<	<	<	0.001	0.001	0.001	<	<	<	<	<	<	<	mg/L	0.001	0.02	---
Cadmium (Cd)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.000015	0.0002	0.00002***
Calcium (Ca)	18.8	14.6	14.4	10.7	21	16.2	49.3	39	21.7	11.7	11.6	28.1	1.29	29.4	25.4	6.51	14.1	2.39	2.43	1.23	1.21	6.13	3.33	17.1	10.7	10.8	4.5	0.56	0.86	7.68	4.42	5.93	25.2	mg/L	0.02	0.5	---
Chromium (Cr)	<	0.00019	0.00018	<	0.00081	0.00013	0.00048	0.00082	0.00008	0.00027	0.00029	0.00027	<	0.00072	0.00034	0.0002	0.00023	0.00013	0.00016	<	<	0.00011	<	0.00027	0.00019	0.00021	<	<	<	<	0.00017	0.00014	<	mg/L	0.00006	0.0008	---
Cobalt (Co)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	0.0002	---
Copper (Cu)	<	0.0007	0.0007	0.0006	<	0.0006	<	<	0.0007	0.0007	0.0007	0.0011	0.0006	<	<	<	<	<	0.0006	0.0006	<	<	0.0004	0.0002	0.0008	0.0007	<	<	<	0.0016	0.0009	0.0011	<	mg/L	0.0006	0.001	0.002****
Iron (Fe)	0.101	0.007	0.007	0.04	0.015	0.011	0.008	0.012	0.065	<	<	0.006	0.026	0.025	<	0.037	0.016	0.02	0.021	0.049	0.052	0.021	0.097	0.008	0.015	0.015	0.013	0.029	0.032	0.093	0.033	0.024	0.071	mg/L	0.005	0.305	0.3
Lead (Pb)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	0.00018	<	<	<	<	<	<	<	0.00007	<	<	<	mg/L	0.00005	0.0001	0.001****
Lithium (Li)	<	0.001	0.001	0.0008	0.0013	0.0012	0.0034	0.0041	0.0015	0.0007	0.0008	0.0015	<	0.0031	0.0009	0.0002	0.0005	0.0001	0.0001	<	0.0001	0.0004	0.0002	0.0009	0.0006	0.0005	0.0001	0.0001	<	0.0002	0.0001	0.0002	<	mg/L	0.0001	0.006	---
Magnesium (Mg)	4.1	3.11	3.09	2.3	4.73	3.53	7.94	7.9	5.1	2.4	2.52	6.39	0.314	8.06	5.73	1.23	2.96	0.576	0.573	0.349	0.34	1.04	0.722	3.74	2.03	2.06	0.762	0.242	0.27	1.16	0.758	1.04	5	mg/L	0.004	0.1	---
Manganese (Mn)	0.104	0.0002	0.0002	0.0018	0.003	0.0007	0.0004	0.0007	0.0046	<	<	0.0001	0.0006	0.0007	0.0001	0.0009	0.0004	0.0008	0.0008	0.0009	0.0009	0.0005	0.0012	0.0002	0.0005	0.0005	0.0006	0.0006	0.0007	0.0016	0.0005	0.0003	0.002	mg/L	0.0001	0.001	---
Mercury (Hg)	<	<	0.00002	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	0.00003	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00002	0.00002	---
Molybdenum (Mo)	0.0001	0.00011	0.00011	0.00007	0.00018	0.00011	0.00019	0.00046	0.00022	<	<	0.00009	<	0.00021	0.00022	0.00007	0.00009	<	<	<	0.00006	<	<	0.00017	0.00012	0.00011	<	<	<	<	<	0.00014	0.0001	mg/L	0.00006	0.0001	0.073
Nickel (Ni)	0.0003	0.00025	0.00025	0.00019	0.00013	0.00016	<	0.00059	<	0.00016	0.00011	<	0.00023	<	0.00016	<	0.00012	0.00013	0.0002	0.00021	0.00008	0.00038	0.00009	0.00011	0.0001	0.00014	0.00022	0.00025	0.00021	0.00038	0.00015	<	mg/L	0.00006	0.0002	0.025****
Potassium (K)	1.3	1.27	1.26	0.78	1.13	1.06	1.02	1.27	1.23	0.91	0.93	1.49	0.29	1.27	0.92	0.34	0.44	0.24	0.24	0.27	0.26	0.37	0.46	0.83	0.66	0.68	0.37	0.25	0.27	0.58	0.5	0.5	1	mg/L	0.02	0.1	---
Selenium (Se)	0.001	<	<	<	0.0002	<	<	0.0002	0.0002	<	<	<	<	0.0001	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	0.0004	mg/L	0.0001	0.0004	0.001
Silicon (Si)	0.5	0.3	0.3	0.3	0.5	0.4	0.8	1	0.6	0.4	0.4	0.5	0.4	0.6	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.2	0.6	0.3	0.3	0.3	0.3	0.4	0.4	0.9	0.4	0.4	0.4	mg/L	0.1	0.1	---
Silver (Ag)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	0.0004	0.0001
Sodium (Na)	1	0.847	0.85	0.94	6.65	1.28	6.59	6.35	8.18	1.25	1.31	2.12	0.575	6.71	1.09	1.01	0.707	0.395	0.393	0.433	0.423	0.572	0.605	0.889	1.01	1.02	0.887	0.417	0.467	0.907	0.607	0.714	4	mg/L	0.005	1	---
Strontium (Sr)	0.0189	0.014	0.0138	0.0093	0.0233	0.0148	0.0667	0.0586	0.0258	0.0105	0.0101	0.0221	0.0034	0.0547	0.0193	0.0069	0.0114	0.0053	0.0054	0.0028	0.0028	0.0072	0.0055	0.013	0.0102	0.0103	0.0056	0.0027	0.003	0.009	0.006	0.0071	0.0547	mg/L	0.0001	0.0002	---
Thallium (Tl)	<	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	<	mg/L	NR	NR	0.0008
Tin (Sn)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	0.0004	---
Titanium (Ti)	<	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	<	mg/L	NR	NR	---
Uranium (U)	0.0008	0.00071	0.00068	0.00048	0.00141	0.00062	0.0005	0.00053	0.00056	0.00017	0.00015	0.0006	0.00008	0.00028	0.00185	0.00034	0.0013	0.00018	0.00017	0.00018	0.00017	0.00018	0.0002	0.00233	0.00101	0.00104	0.00053	0.00008	0.00008	0.00015	0.00012	0.00019	0.0002	mg/L	0.00005	0.0001	---
Vanadium (V)	<	<	<	0.0001	0.00021	0.00007	0.00009	0.00014	0.0003	0.00008	0.00009	0.00011	0.00008	0.00015	0.00006	0.00012	0.00007	0.00006	0.00006	0.00011	0.00011	0.00005	0.00019	0.00007	0.00008	0.00008	0.00018	0.00006	0.00007	0.00028	0.00011	0.00008	<	mg/L	0.00005	0.0002	---
Zinc (Zn)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	0.0014	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0008	0.004	0.03
Dissolved Metals																																				
Aluminum (Al)	0.0016	0.0017	0.0018	0.0012	0.0009	0.0017	0.0008	0.0009	0.0012	0.0032	0.0032	0.0033	0.0088	0.0008	0.0018	0.0056	0.0032	0.0039	0.0038	0.0094	0.009	0.0029	0.0153	0.003	0.0035	0.0037	0.0068	0.01	0.0094	0.0214	0.0093	0.0088	0.0006	mg/L	0.0003	---	0.1**
Antimony (Sb)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00003	---	---
Arsenic (As)	0.0002	0.00033	0.00032	0.00007	0.00026	0.00019	0.00022	0.0002	0.0003	0.00007	0.00007	0.0001	<	0.00017	0.00007	<	0.00005	<	<	<	<	0.00003	0.00003	0.00005	0.00007	0.00007	0.00003	<	<	0.00004	0.00008	0.00005	0.00018	mg/L	0.00003	---	0.005
Barium (Ba)	0.0107	0.0135	0.0131	0.00811	0.00892	0.0111	0.00998	0.00985	0.00865	0.00927	0.00931	0.0199	0.00276	0.00669	0.00693	0.00262	0.00292	0.00206	0.00205	0.00194	0.00194	0.0035	0.00533	0.00704	0.00677	0.00677	0.00314	0.0025	0.00259	0.004	0.00489	0.00595	0.00465	mg/L	0.00005	---	---
Beryllium (Be)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0002	---	---
Bismuth (Bi)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00003	---	---
Boron (B)	0.002	0.001	0.001	0.001	0.007	0.002	0.016	0.017	0.01	0.001	0.001	0.002	<	0.013	0.002	0.001	0.001	<	<	<	<	<	<	0.001	0.001	0.002	0.001	<	<	0.001	<	0.001	0.01	mg/L	0.001	---	---
Cadmium (Cd)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.000015	---	0.00002***
Calcium (Ca)	17.9	15.1	14.8	10.7	21.1	16.3	51.5	39	21.4	11.8	11.8	29	1.3	29.1	25.3	6.39	14	2.48	2.43	1.24	1.23	6.22	3.27	17.1	10.6	10.8	4.57	0.61	0.9	7.6	4.53	6.03	25.2	mg/L	0.02	---	---
Chromium (Cr)	0.00021	0.0002	0.00015	<	0.00088	0.00019	0.00088	0.00086	0.0001	0.0003	0.00028	0.00053	<	0.00089	0.00033	0.00015	0.00025	0.00009	0.00014	<	<	0.00009	<	0.00027	0.00018	0.0002	0.0001	<	<	<	0.00012	0.00017	0.00062	mg/L	0.00006	---	---
Cobalt (Co)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	---	---
Copper (Cu)	<	0.0008	0.0007	<	<	0.0007	<	<	0.0008	0.0008	0.0008	0.0012	<	<	<	<	<	<	<	<	<	<	0.0012	0.0006	0.0008	0.0008	<	<	<	0.0015	0.0009	0.0011	<	mg/L	0.0006	---	0.002****
Iron (Fe)	<	<	<	<	<	0.006	0.005	0.006	0.029	<	<	<	<	0.009	<	<	<	<	0.019	<	0.006	0.006	0.008	0.017	0.006	0.006	0.006	<	<	<	0.011	0.006	<	0.007	mg/L	0.005	---	0.3
Lead (Pb)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00005	---	0.001****
Lithium (Li)	0.001	0.001	0.001	0.001	0.0012	0.0011	0.0036	0.0039	0.0014	0.0007	0.0008	0.0016	<	0.0032	0.001	0.0002	0.0005	0.0001	0.0002	<	0.0001	0.0003	0.0001	0.0009	0.0005	0.0005	0.0002	<	0.0001	0.0001	0.0002	0.0002	0.0019	mg/L	0.0001	---	---
Magnesium (Mg)	3.8	3.25	3.12	2.31	4.75	3.53	8.18	8	5.65	2.38	2.5	6.63	0.303	7.89	5.65	1.18	2.9	0.588	0.57	0.323	0.322	1.04	0.686	3.74	2.03	2.07	0.769	0.237	0.264	1.11	0.764	1.03	5.11	mg/L	0.004	---	---
Manganese (Mn)	0.0004	0.0003	0.0001	0.0003	0.0004	0.0004	0.0003	0.0006	0.0009	<	<	<	0.0002	0.0006	0.0001	0.0002	0.0002	0.0003	0.0003	0.0002	0.0002	0.0003	0.0002	0.0001	0.0003	0.0003	0.0003	0.0002	0.0002	0.0002	0.0001	0.0001	0.0004	mg/L	0.0001	---	---
Mercury (Hg)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00002	---	---
Molybdenum (Mo)	0.00007	0.0001	0.00011	0.00009	0.00019	0.00012	0.00021	0.00048	0.00023	<	<	0.00009	<	0.00019	0.00021	0.00009	0.0001	0.00006	0.00006	0.00007	0.00006	<	<	0.00016	0.00012	0.00012	<	<	<	<	0.00006	0.00015	0.0001	mg/L	0.00006	---	0.073
Nickel (Ni)	<	0.00033	0.00029	0.00014	0.00015	0.00011	0.00008	0.00018	0.00017	0.00023	0.00025	0.00024	0.00026	0.00012	0.00012	0.00008	0.00009	0.00008	0.00008	0.00008	0.00008	0.00013	0.00033	0.00011	0.00017	0.0002	0.00022	0.00026	0.00026	0.00015	0.00043	0.00021	<	mg/L	0.00006	---	0.025****
Potassium (K)	1.08	1.29	1.26	0.78	1.12	1.02	1.02	1.26	1.39	0.91	0.92	1.5	0.27	1.23	0.91	0.33	0.42	0.23	0.23	0.24	0.24	0.36	0.41	0.8	0.64	0.67	0.37	0.25	0.25	0.54	0.49	0.49	0.89	mg/L	0.02	---	---
Selenium (Se)	<	<	<	<	0.0002	<	<	<	0.0004	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	---	0.001
Silicon (Si)	0.4	0.3	0.3	0.2	0.5	0.4	0.8	1	0.5	0.3	0.4	0.5	0.4	0.6	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.5	0.3	0.3	0.3	0.3	0.4	0.4	0.8	0.4	0.4	0.4	mg/L	0.1	---	---
Silver (Ag)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	---	0.0001
Sodium (Na)	1	0.888	0.868	0.959	6.77	1.29	6.91	6.53	13.4	1.26	1.32	2.23	0.574	6.69	1.07	1.1	0.709	0.413	0.403	0.432	0.432	0.576	0.598	0.895	1.01	1.06	0.917	0.431	0.466	0.889	0.623	0.716	4.63	mg/L	0.005	---	---
Strontium (Sr)	0.0154	0.0146	0.0142	0.0095	0.0239	0.0149	0.0674	0.0593	0.0289	0.0102	0.0103	0.0218	0.0034	0.055	0.0195	0.007	0.0113	0.0055	0.0054	0.0028	0.0028	0.0072	0.0052	0.0132	0.0103	0.0106	0.0057	0.0027	0.0032	0.0089	0.006	0.0071	0.0496	mg/L	0.0001	---	---
Thallium (Tl)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0008
Tin (Sn)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	---	---
Titanium (Ti)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Uranium (U)	0.00055	0.00054	0.00061	0.00034	0.00123	0.00062	0.00046	0.00048	0.00039	0.00009	0.00009	0.00027	0.00006	0.00025	0.00134	0.00018	0.00075	0.00008	0.00006	0.00012	0.00012	0.00006	0.00014	0.00201	0.00082	0.00085	0.0001	<	0.00006	0.00008	0.0001	0.00015	0.00013	mg/L	0.00005	---	---
Vanadium (V)	0.00005	<	<	<	0.00022	0.00006	0.00009	0.00016	0.00023	0.00008	0.00007	0.00012

TABLE 9. ANALYTICAL RESULTS OF ROCHE BAY, 24 - 28 AUGUST 2007~

Analyte	WS1	WS2	WS2 Duplicate	WS3	WS5	WS6	WS7	WS9	WS11	WS12	WS13	WS14	WS15	WS16	WS25	WS25 Duplicate	WS27	UNITS	Detection Limits	CCME Guideline^
																			Ultra-Low Level	
Major Ions, Nutrients and Inorganics																				
Chloride (Cl)	1.40	1.30	1.30	1.5	24	3	19	6.40	25	10	3.20	2.5	1.30	12	3.60	3.70	4.70	mg/L	0.2	---
Fluoride (F)	<	<	<	<	<	<	0.08	<	0.09	<	<	<	<	0.07	<	<	<	mg/L	0.06	---
Calcium (Ca)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Potassium (K)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Magnesium (Mg)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Sodium (Na)	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	---
Ion Balance	-0.67	-0.39	0.88	-1.22	-3.70	-0.19	0.81	-2.14	-1.47	-0.52	-0.21	-0.44	1.52	-3.10	-0.36	0.02	-1.14	%	--	---
TDS (Calculated)	74	72	71	43	120	80	222	109	216	107	72	114	127	10	140	114	69	mg/L	--	---
Hardness (as CaCO3)	67.30	65.30	65.60	38.90	82.90	73.40	193	95.30	171	90.30	64.70	124	7	118	107	106	61.90	mg/L	0.5	---
Iron-Extractable	0.08	0.02	0.03	0.02	0.02	0.02	0.02	0.03	0.03	0.01	<	<	0.04	0.03	0.01	<	0.03	mg/L	0.01	0.3
Manganese-Extractable	0.00125	0.000037	0.00044	0.00117	0.00257	0.00087	0.00006	0.001	0.00273	0.00128	0.00007	0.00016	0.00068	0.00089	0.00035	0.00038	0.00068	mg/L	0.001	---
Nitrate+Nitrite-N	<	<	<	<	<	<	<	<	<	<	0.07	<	<	<	<	<	<	mg/L	0.06	---
Nitrate-N	<	<	<	<	<	<	<	<	<	<	0.07	<	<	<	<	<	<	mg/L	0.05	13
Nitrite-N	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.06	0.197
Sulfate (SO4)	9.60	7.60	7.70	1.5	10	7.80	21	8.10	33	8.70	2.60	5.30	1.10	16	9.60	9.10	5.10	mg/L	0.5	---
pH	8.06	7.91	7.97	7.88	8	8	8.26	8.19	8.15	8.17	8.01	8.18	7.10	8.23	8.09	8.22	8.02	pH	0.05	6.5-9
Conductivity (EC)	141.00	138.00	138	85	236	156	418	213	397	209	143	241	22	271	213	225	140	µS/cm	1	---
Bicarbonate (HCO3)	61.00	61.00	59	40	73	67	165	92	138	82	65	118	7	103	98	99	57	mg/L	2	---
Carbonate (CO3)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	2	---
Hydroxide (OH)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	2	---
Alkalinity, Total (as CaCO3)	61.00	61.00	59	40	73	67	165	92	138	82	65	118	7	103	98	99	57	mg/L	2	---
Ammonia-N	0.20	0.20	0.10	0.10	<	<	<	<	0.30	<	<	<	<	<	<	<	<	mg/L	0.1	1.04-48.3*
Phosphorus, Total	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.01	---
Total Organic Carbon	1.10	1.60	1.5	1	1.40	1.60	2.60	3.20	4.20	1.60	1.70	3.10	1.40	4.20	1.60	1.5	1.80	mg/L	1	---
Total Suspended Solids	<	<	<	2	<	<	<	<	<	<	<	<	<	2	<	<	<	mg/L	1	
Turbidity	0.20	0.15	0.18	0.41	0.37	0.17	0.25	0.31	0.49	0.28	<	0.19	0.87	0.67	0.22	0.13	0.36	NTU	0.13	---
Total Metals																				
Aluminum (Al)	<	<	0.009	0.015	<	<	<	<	<	<	<	<	0.055	<	<	<	0.013	mg/L	0.008	0.1**
Antimony (Sb)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00007	---
Arsenic (As)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0005	0.005
Barium (Ba)	0.01	0.02	0.0165	0.0091	0.00978	0.0141	0.0122	0.0045	0.013	0.0111	0.0151	0.02	0.00382	0.00737	0.0142	0.0144	0.0106	mg/L	0.00001	---
Beryllium (Be)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00002	---
Bismuth (Bi)	<	<	<	<	<	<	<	<	0.00006	0.00003	<	<	<	<	<	<	<	mg/L	0.00002	---
Boron (B)	0.00180	0.00090	0.0008	0.0013	0.0075	0.002	0.0139	0.0098	0.023	0.0047	0.0012	0.0006	<	0.0133	0.0016	0.0004	0.0005	mg/L	0.0002	---
Cadmium (Cd)	0.00002	0.00002	0.00001	0.00002	0.00002	0.00002	0.00002	0.00001	0.00002	0.00002	0.00002	0.00001	0.000009	0.00001	0.000007	0.00001	0.000009	mg/L	0.000003	0.00003***
Calcium (Ca)	19.80	19.30	19.30	11.5	23.70	21.60	59.90	28.90	48.70	26.20	19	36.20	1.98	32.10	30.80	30.70	19	mg/L	0.04	---
Chromium (Cr)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0005	---
Cobalt (Co)	0.000237	0.000158	0.000034	0.000048	0.000043	0.000033	0.000099	0.00003	0.000069	0.000048	0.000020	0.000040	0.000035	0.000031	0.000040	0.000034	0.000029	mg/L	0.000002	---
Copper (Cu)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0008	0.002****
Iron (Fe)	<	<	0.02	0.02	<	<	<	0.02	<	<	<	<	0.06	0.01	<	<	0.03	mg/L	0.01	0.3
Lead (Pb)	0.0006	0.0004	0.0005	0.0008	0.0008	0.0007	0.0011	0.0005	0.0006	0.0009	0.0003	0.0005	0.0005	0.0007	0.0015	0.0003	0.0016	mg/L	0.00002	0.002****
Lithium (Li)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.002	---
Magnesium (Mg)	4.33	4.18	4.21	2.48	5.76	4.70	10.5	5.60	11.90	6.07	4.20	8.24	0.51	9.17	7.21	7.19	3.51	mg/L	0.004	---
Manganese (Mn)	0.001	0.0004	0.0006	0.002	0.003	0.001	0.0008	0.001	0.0019	0.0017	<	0.0002	0.0010	0.0012	0.0004	0.0004	0.0010	mg/L	0.00001	---
Mercury (Hg)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	---
Molybdenum (Mo)	0.00041	0.0003	0.00019	0.00014	0.00026	0.00017	0.0003	0.0001	0.0005	0.0004	0.0002	0.0002	0.0001	0.0003	0.0004	0.0004	0.0002	mg/L	0.00001	0.073
Nickel (Ni)	0.0005	0.0005	0.0005	0.0003	0.0004	0.0004	0.0009	0.0002	0.0005	0.0004	0.0002	0.0004	0.0003	0.0003	0.0004	0.0004	0.0002	mg/L	0.0001	0.065****
Potassium (K)	1.28	1.59	1.60	0.89	1.40	1.38	1.92	0.88	2.28	1.46	1.33	1.74	0.35	1.53	1.66	1.64	1.09	mg/L	0.01	---
Selenium (Se)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.001	0.001
Silicon (Si)	0.35	0.35	0.35	0.27	0.67	0.46	0.99	0.78	0.89	0.59	0.47	0.68	0.77	0.60	0.54	0.53	0.49	mg/L	0.01	---
Silver (Ag)	0.00001	<	<	<	<	<	<	<	0.00002	0.00001	<	<	<	<	<	<	<	mg/L	0.00001	0.0001
Sodium (Na)	1.14	0.99	1	1.03	11.10	1.81	10.10	3.88	12.60	5.39	2.52	1.98	0.86	7.28	1.98	1.96	1.86	mg/L	0.01	---
Strontium (Sr)	0.02	0.02	0.02	0.0095	0.03	0.02	0.08	0.06	0.0779	0.024	0.02	0.03	0.0046	0.06	0.02	0.02	0.0206	mg/L	0.0001	---
Thallium (Tl)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00001	0.0008
Tin (Sn)	<	<	<	0.00054	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0005	---
Titanium (Ti)	<	<	0.0005	0.0007	<	<	<	<	<	<	<	<	0.0033	<	<	<	0.0007	mg/L	0.0001	---
Uranium (U)	0.00087	0.00192	0.00192	0.000581	0.000538	0.00118	0.0008	0.0001	0.0007	0.0028	0.0014	0.0013	0.0001	0.0004	0.0055	0.0055	0.0020	mg/L	0.00002	---
Vanadium (V)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0002	---
Zinc (Zn)	<	<	<	<	<	<	0.024	<	<	<	0.013	<	<	<	<	<	<	mg/L	0.009	0.03
Dissolved Metals																				
Aluminum (Al)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.008	0.1**
Antimony (Sb)	<	0.00007	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00007	---
Arsenic (As)	0.00	0.00	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0005	0.005
Barium (Ba)	0.01	0.02	0.0165	0.00873	0.01	0.0142	0.0113	0.005	0.013	0.011	0.015	0.025	0.003	0.008	0.014	0.014	0.011	mg/L	0.00001	---
Beryllium (Be)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00002	---
Bismuth (Bi)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00002	---
Boron (B)	0.00	0.00	0.001	0.0012	0.0079	0.0019	0.013	0.010	0.024	0.005	0.002	0.001	0.001	0.014	0.001	0.001	0.001	mg/L	0.0002	---
Cadmium (Cd)	0.000015	<	<	<	<	0.00002	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.000003	0.00003***
Calcium (Ca)	20.30	19.90	19.5	11.5	24.90	21.90	61.40	30.80	51.40	26.80	19.50	36.40	1.97	33.30	31.60	31.70	19.60	mg/L	0.04	---
Chromium (Cr)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0005	---
Cobalt (Co)	0.000067	0.000024	0.000022	0.000011	0.000020	0.000018	0.000041	0.000026	0.000046	0.000022	0.000018	0.000026	0.000034	0.000006	0.000028	0.000032	0.000021	mg/L	0.000002	---
Copper (Cu)	<	<	<	<	<	<	<	<	<	<	0.0008	0.0008	<	<	<	<	<	mg/L	0.0008	0.002****
Iron (Fe)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.01	0.3
Lead (Pb)	0.0004	0.00003	0.00006	<	0.00003	<	0.00002	0.00013	0.00002	<	<	<	<	<	0.00016	<	<	mg/L	0.00002	0.002****
Lithium (Li)	<	<	<	<	<	<	0.003	<	<	<	<	<	<	<	<	<	<	mg/L	0.002	---
Magnesium (Mg)	4.45	4.34	4.26	2.49	6.09	4.78	10.80	5.98	12.60	6.21	4.33	8.31	0.50	9.57	7.37	7.45	3.63	mg/L	0.004	---
Manganese (Mn)	0.00047	0.00016	0.00013	0.00012	0.00006	0.00009	0.00011	0.00021	0.00045	0.00002	0.00002	0.00005	0.00016	0.0001	0.0002	0.00015	0.00009	mg/L	0.00001	---
Mercury (Hg)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	---
Molybdenum (Mo)	0.00017	0.00025	0.00017	0.00012	0.00025	0.00016	0.00024	0.00014	0.00035	0.00027	0.00009	0.00011	0.00004	0.00021	0.00027	0.00028	0.00016	mg/L	0.00001	0.073
Nickel (Ni)	0.00058	0.00049	0.00033	0.00025	0.00033	0.00027	0.00033	0.00022	0.00036	0.0003	0.00027	0.00035	0.00024	0.00029	0.00043	0.00038	0.00023	mg/L	0.0001	0.065****
Potassium (K)	1.71	1.69	1.63	0.89	1.47	1.38	1.97	0.93	2.36	1.48	1.35	1.74	0.34	1.60	1.67	1.69	1.11	mg/L	0.01	---
Selenium (Se)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.001	0.001
Silicon (Si)	0.38	0.35	0.34	0.24	0.68	0.45	1.01	0.82	0.93	0.59	0.48	0.67	0.69	0.62	0.53	0.54	0.48	mg/L	0.01	---
Silver (Ag)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00001	0.0001
Sodium (Na)	1.17	1.01	1.03	1.04	11.80	1.83	10.40	4.14	13.20	5.61	2.58	1.99	0.86	7.60	2.00	2.01	1.93	mg/L	0.01	---
Strontium (Sr)	0.02	0.02	0.0166	0.0094	0.03	0.02	0.08	0.06	0.08	0.02	0.02	0.03	0.0045	0.0605	0.0229	0.023	0.021	mg/L	0.0001	---
Thallium (Tl)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.00001	0.0008
Tin (Sn)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0005	---
Titanium (Ti)	0.0001	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0001	---
Uranium (U)	0.00082	0.00175	0.0017	0.000504	0.000534	0.00106	0.0008	0.0001	0.0006	0.002	0.001	0.001	0.00004	0.0003	0.005	0.005	0.002	mg/L	0.00002	---
Vanadium (V)	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.0002	---
Zinc (Zn)	0.01	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	mg/L	0.009	0.03

~ August 2007 analysis conducted by SGS Environmental Services (SGS)

^ Canadian Council of Ministers of the Environment - Canadian Water Quality Guidelines for the Protection of Freshwater Aquatic Life (July 2006).

Legend

Outside CCME Guidelines

Due to elevated levels of suspended solids, Low Level Analysis was conducted

< denotes result below detection level

NR = Not Reported

- No Units

-- No Detection Limit

--- No CCME Guideline

* CCME guideline for Ammonia-N (Total Ammonia) is dependent on pH and temperature of the water. The range presented here for Ammonia is specific to the range of pH of the water at this site and the estimated temperature of the water during each sampling event.

** CCME guideline for Aluminum is dependent on pH. The guideline presented here for Aluminum is specific to the pH of the water at this site during this particular sampling event.

*** CCME guideline for Cadmium is dependent on hardness of the water and is calculated using the formula: Cd guideline = 10 exp{0.86[log(hardness)]-3.2}. The CCME guideline for Cadmium is specific to the average hardness of the water at this site during this particular sampling event.

**** CCME guideline dependent on hardness of the water and is specific to the average hardness of the water at this site during this particular sampling event.

TABLE 10. SUMMARY OF pH AT ROCHE BAY, 2006 AND 2007

pH (pH)							
Station	Jun-06	Jul-06	Aug-06	Jun-07	Jul-07	Aug-07	Station Average
WS1	7.9	8	8.1	7.7	8.1	8.06	7.98
WS2	NS	NS	NS	7.6	8	7.91	7.84
WS3	NS	NS	7.9	NS	7.9	7.88	7.89
WS5	8.1	8.1	8.2	8.1	8.1	8	8.10
WS6	7.9	8	8.1	7.9	8.1	8	8.00
WS7	8.3	8.3	8.4	8.2	8.3	8.26	8.29
WS8	8.1	8.2	8.3	7.9	--	--	8.13
WS9	NS	8.2	8.3	8.2	NS	8.19	8.22
WS10	8.3	8.2	8.4	8.2	8.2	8.15	8.24
WS11	8.1	8.1	8.2	7.7	8.1	8.17	8.06
WS12	7.7	7.9	8.1	7.7	7.9	8.01	7.89
WS13	8.1	8.2	8.3	7.9	8.2	8.18	8.15
WS14	NS	NS	7.1	7.2	7	7.10	7.10
WS15	8.1	8.2	8.2	8	8.2	8.23	8.15
WS16	---	---	---	7.9	8.2	NS	8.05
WS17	---	---	---	8	7.7	NS	7.85
WS18	---	---	---	8.1	8	NS	8.05
WS19	---	---	---	7.4	7.3	NS	7.35
WS20	---	---	---	NS	7	NS	7.00
WS21	---	---	---	NS	7.7	NS	7.70
WS22	---	---	---	NS	7.4	NS	7.40
WS23	---	---	---	NS	8.1	8.09	8.10
WS24	---	---	---	7.7	7.9	8.02	7.87
WS25	---	---	---	NS	7.5	NS	7.50
WS26	---	---	---	6.5	6.7	NS	6.60
WS27	---	---	---	NS	6.8	NS	6.80
WS28	---	---	---	NS	7.7	NS	7.70
WS29	---	---	---	NS	7.5	NS	7.50
WS30	---	---	---	NS	7.6	NS	7.60
WQ9(July07)*	NS	NS	NS	NS	7.8	NS	7.80
GW12(June07)*	---	---	---	7.1	NS	NS	7.10
Trip Average	8.06	8.13	8.12	7.78	7.75	8.02	7.93

NA = not analyzed

NS = not sampled

-- = omitted from program

--- = added to program in 2007

*Site sampled one time only; not part of future sampling programs

WS4 has been omitted permanently from the water quality program due to its ephemeral nature and inaccessibility

TABLE 11. SUMMARY OF TURBIDITY AT ROCHE BAY, 2006 AND 2007

Turbidity (NTU)							
Station	Jun-06	Jul-06	Aug-06	Jun-07	Jul-07	Aug-07	Station Average
WS1	NA	NA	NA	1.2	0.6	0.20	0.67
WS2	NS	NS	NS	1	0.2	0.15	0.45
WS3	NS	NS	NA	NS	0.4	0.41	0.40
WS5	NA	NA	NA	0.45	0.5	0.37	0.44
WS6	NA	NA	NA	0.35	0.2	0.17	0.24
WS7	NA	NA	NA	0.35	0.7	0.25	0.43
WS8	NA	NA	NA	0.45	--	--	0.45
WS9	NS	NA	NA	0.6	NS	0.31	0.46
WS10	NA	NA	NA	0.4	0.6	0.49	0.50
WS11	NA	NA	NA	0.35	0.4	0.28	0.34
WS12	NA	NA	NA	1.1	<	<	1.10
WS13	NA	NA	NA	0.35	<	0.19	0.27
WS14	NS	NS	NA	0.45	0.65	0.87	0.66
WS15	NA	NA	NA	0.7	0.9	0.67	0.76
WS16	---	---	---	0.45	0.15	NS	0.30
WS17	---	---	---	2.3	0.75	NS	1.53
WS18	---	---	---	4.6	0.3	NS	2.45
WS19	---	---	---	0.25	0.4	NS	0.33
WS20	---	---	---	NS	0.95	NS	0.95
WS21	---	---	---	NS	0.35	NS	0.35
WS22	---	---	---	NS	1.5	NS	1.50
WS23	---	---	---	NS	0.2	0.22	0.21
WS24	---	---	---	0.4	0.3	0.36	0.35
WS25	---	---	---	NS	0.35	NS	0.35
WS26	---	---	---	0.7	0.6	NS	0.65
WS27	---	---	---	NS	0.6	NS	0.60
WS28	---	---	---	NS	0.85	NS	0.85
WS29	---	---	---	NS	0.65	NS	0.65
WS30	---	---	---	NS	0.4	NS	0.40
WQ9(July07)*	NS	NS	NS	NS	0.35	NS	0.35
GW12(June07)*	---	---	---	1	NS	NS	1.00
Trip Average	-	-	-	0.87	0.54	0.35	0.60

NA = not analyzed

NS = not sampled

-- = omitted from program

--- = added to program in 2007

*Site sampled one time only; not part of future sampling programs

WS4 has been omitted permanently from the water quality program due to its ephemeral nature and inaccessibility

TABLE 12. SUMMARY OF CONDUCTIVITY AT ROCHE BAY, 2006 AND 2007

Conductivity µS/cm)							
Station	Jun-06	Jul-06	Aug-06	Jun-07	Jul-07	Aug-07	Station Average
WS1	93.9	101	126	87.8	138	141.00	114.6
WS2	NS	NS	NS	78.9	112	138.00	109.6
WS3	NS	NS	79.6	NS	81.4	85	82.0
WS5	187	188	189	257	178	236	205.8
WS6	96.6	86.3	142	120	124	156	120.8
WS7	298	261	421	253	327	418	329.7
WS8	188	177	250	140	--	--	188.8
WS9	NS	220	213	187	NS	213	208.3
WS10	272	248	368	277	277	397	306.5
WS11	192	166	191	78.5	183	209	169.9
WS12	53.7	76.5	125	54.6	87.1	143	90.0
WS13	133	138	246	98.4	199	241	175.9
WS14	NS	NS	15.9	38.1	13.4	22	22.4
WS15	167	206	235	184	240	271	217.2
WS16	---	---	---	103	174	NS	138.5
WS17	---	---	---	83.6	53.1	NS	68.4
WS18	---	---	---	114	98.8	NS	106.4
WS19	---	---	---	36.9	20.8	NS	28.9
WS20	---	---	---	NS	12.3	NS	12.3
WS21	---	---	---	NS	44.3	NS	44.3
WS22	---	---	---	NS	26.8	NS	26.8
WS23	---	---	---	NS	123	213	168.0
WS24	---	---	---	89.6	78.9	140	102.8
WS25	---	---	---	NS	36.3	NS	36.3
WS26	---	---	---	9.3	8.3	NS	8.8
WS27	---	---	---	NS	10.5	NS	10.5
WS28	---	---	---	NS	54.8	NS	54.8
WS29	---	---	---	NS	35.3	NS	35.3
WS30	---	---	---	NS	46.4	NS	46.4
WQ9(July07)*	NS	NS	NS	NS	91.8	NS	91.8
GW12(June07)*	---	---	---	20.8	NS	NS	20.8
Trip Average	168.1	169.8	200.1	120.6	103.1	201.5	150.0

NA = not analyzed

NS = not sampled

-- = omitted from program

--- = added to program in 2007

*Site sampled one time only; not part of future sampling programs

WS4 has been omitted permanently from the water quality program due to its ephemeral nature and inaccessibility

TABLE 13. SUMMARY OF AMMONIA AT ROCHE BAY, 2006 AND 2007

Ammonia-N (mg/L)							
Station	Jun-06	Jul-06	Aug-06	Jun-07	Jul-07	Aug-07	Station Average
WS1	**0.005**	**0.005**	**0.005**	0.105	0.012	0.20	0.055
WS2	NS	NS	NS	0.04	**0.005**	0.20	0.082
WS3	NS	NS	**0.005**	NS	**0.005**	0.10	0.037
WS5	0.01	**0.005**	**0.005**	**0.005**	0.009	**0.1**	0.022
WS6	**0.005**	**0.005**	**0.005**	0.032	0.02	**0.1**	0.028
WS7	0.017	0.014	**0.005**	0.075	0.028	**0.1**	0.040
WS8	0.032	**0.005**	0.01	0.025	--	--	0.018
WS9	NS	0.008	**0.005**	0.022	NS	**0.1**	0.034
WS10	0.018	0.008	0.008	0.069	0.031	0.30	0.072
WS11	0.009	**0.005**	**0.005**	0.013	0.016	**0.1**	0.025
WS12	**0.005**	**0.005**	**0.005**	0.009	**0.005**	**0.1**	0.022
WS13	**0.005**	**0.005**	**0.005**	**0.005**	0.012	**0.1**	0.022
WS14	NS	NS	**0.005**	0.024	**0.005**	**0.1**	0.034
WS15	0.023	**0.005**	**0.005**	0.041	0.033	**0.1**	0.035
WS16	---	---	---	**0.005**	0.006	NS	0.006
WS17	---	---	---	0.006	0.013	NS	0.010
WS18	---	---	---	0.024	0.01	NS	0.017
WS19	---	---	---	0.03	0.012	NS	0.021
WS20	---	---	---	NS	0.007	NS	0.007
WS21	---	---	---	NS	0.019	NS	0.019
WS22	---	---	---	NS	0.009	NS	0.009
WS23	---	---	---	NS	**0.005**	**0.1**	0.053
WS24	---	---	---	0.015	0.034	**0.1**	0.050
WS25	---	---	---	NS	**0.005**	NS	0.005
WS26	---	---	---	0.034	0.026	NS	0.030
WS27	---	---	---	NS	**0.005**	NS	0.005
WS28	---	---	---	NS	**0.005**	NS	0.005
WS29	---	---	---	NS	0.006	NS	0.006
WS30	---	---	---	NS	0.016	NS	0.016
WQ9(July07)*	NS	NS	NS	NS	0.015	NS	0.015
GW12(June07)*	---	---	---	0.009	NS	NS	0.009
Trip Average	0.013	0.006	0.006	0.030	0.013	0.127	0.033

Note: Bolded figures indicate that the detection limit value was used (or included) to calculate the average value as the analytical value was not detected

NA = not analyzed

NS = not sampled

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TABLE 14. SUMMARY OF NITRATE AT ROCHE BAY, 2006 AND 2007

Nitrate-N (mg/L)							
Station	Jun-06	Jul-06	Aug-06	Jun-07	Jul-07	Aug-07	Station Average
WS1	**0.1**	**0.1**	**0.1**	**0.006**	**0.006**	**0.05**	0.060
WS2	NS	NS	NS	0.015	0.008	**0.05**	0.024
WS3	NS	NS	**0.1**	NS	**0.006**	**0.05**	0.052
WS5	**0.1**	**0.1**	**0.1**	**0.006**	**0.006**	**0.05**	0.060
WS6	**0.1**	**0.1**	**0.1**	0.006	**0.006**	**0.05**	0.060
WS7	**0.1**	**0.1**	**0.1**	**0.006**	**0.006**	**0.05**	0.060
WS8	**0.1**	**0.1**	**0.1**	**0.006**	--	--	0.077
WS9	NS	**0.1**	**0.1**	0.007	NS	**0.05**	0.064
WS10	**0.1**	**0.1**	**0.1**	**0.006**	**0.006**	**0.05**	0.060
WS11	**0.1**	**0.1**	**0.1**	0.017	0.016	**0.05**	0.064
WS12	**0.1**	**0.1**	0.1	0.015	0.017	0.07	0.067
WS13	**0.1**	**0.1**	0.1	**0.006**	0.031	**0.05**	0.065
WS14	NS	NS	0.1	0.034	0.019	**0.05**	0.051
WS15	**0.1**	**0.1**	**0.1**	**0.006**	**0.006**	**0.05**	0.060
WS16	---	---	---	0.009	0.019	NS	0.014
WS17	---	---	---	0.015	0.009	NS	0.012
WS18	---	---	---	0.012	0.014	NS	0.013
WS19	---	---	---	0.013	**0.006**	NS	0.010
WS20	---	---	---	NS	0.008	NS	0.008
WS21	---	---	---	NS	0.007	NS	0.007
WS22	---	---	---	NS	**0.006**	NS	0.006
WS23	---	---	---	NS	0.016	**0.05**	0.033
WS24	---	---	---	0.016	0.017	**0.05**	0.028
WS25	---	---	---	NS	0.014	NS	0.014
WS26	---	---	---	0.02	0.02	NS	0.020
WS27	---	---	---	NS	0.016	NS	0.016
WS28	---	---	---	NS	0.042	NS	0.042
WS29	---	---	---	NS	0.012	NS	0.012
WS30	---	---	---	NS	0.022	NS	0.022
WQ9(July07)*	NS	NS	NS	NS	**0.006**	NS	0.006
GW12(June07)*	---	---	---	0.029	NS	NS	0.029
Trip Average	0.100	0.100	0.100	0.012	0.013	0.051	0.050

Note: Bolded figures indicate that the detection limit value was used (or included) to calculate the average value as the analytical value was not detected

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TABLE 15. SUMMARY OF PHOSPHOROUS AT ROCHE BAY, 2006 AND 2007

Phosphorous (mg/L)							
Station	Jun-06	Jul-06	Aug-06	Jun-07	Jul-07	Aug-07	Station Average
WS1	0.002	NA	NA	0.008	0.005	**0.01**	0.006
WS2	NS	NS	NS	0.006	0.002	**0.01**	0.006
WS3	NS	NS	NA	NS	0.003	**0.01**	0.007
WS5	0.004	NA	NA	0.005	0.004	**0.01**	0.006
WS6	0.002	NA	NA	0.005	0.002	**0.01**	0.005
WS7	0.003	NA	NA	0.015	0.002	**0.01**	0.008
WS8	0.006	NA	NA	0.006	--	--	0.006
WS9	NS	NA	NA	0.006	NS	**0.01**	0.008
WS10	0.004	NA	NA	0.006	0.003	**0.01**	0.006
WS11	0.004	NA	NA	0.01	0.005	**0.01**	0.007
WS12	0.003	NA	NA	0.015	0.001	**0.01**	0.007
WS13	0.001	NA	NA	0.004	0.003	**0.01**	0.005
WS14	NS	NS	NA	0.006	0.002	**0.01**	0.006
WS15	0.006	NA	NA	0.01	0.007	**0.01**	0.008
WS16	---	---	---	0.005	0.001	NS	0.003
WS17	---	---	---	0.012	0.003	NS	0.008
WS18	---	---	---	0.026	0.002	NS	0.014
WS19	---	---	---	0.001	0.002	NS	0.002
WS20	---	---	---	NS	0.002	NS	0.002
WS21	---	---	---	NS	0.003	NS	0.003
WS22	---	---	---	NS	0.004	NS	0.004
WS23	---	---	---	NS	0.001	**0.01**	0.006
WS24	---	---	---	0.017	0.002	**0.01**	0.010
WS25	---	---	---	NS	0.002	NS	0.002
WS26	---	---	---	0.005	0.003	NS	0.004
WS27	---	---	---	NS	0.002	NS	0.002
WS28	---	---	---	NS	0.006	NS	0.006
WS29	---	---	---	NS	0.002	NS	0.002
WS30	---	---	---	NS	0.002	NS	0.002
WQ9(July07)*	NS	NS	NS	NS	0.006	NS	0.006
GW12(June07)*	---	---	---	0.009	NS	NS	0.009
Trip Average	0.004	-	-	0.009	0.003	0.010	0.006

Note: Bolded figures indicate that the detection limit value was used (or included) to calculate the average value as the analytical value was not detected

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TABLE 16. SUMMARY OF CALCIUM AT ROCHE BAY, 2006 AND 2007

Calcium (mg/L)							
Station	Jun-06	Jul-06	Aug-06	Jun-07	Jul-07	Aug-07	Station Average
WS1	14.6	14.5	19.2	13.5	19.6	NA	16.28
WS2	NS	NS	NS	11	15.6	NA	13.30
WS3	NS	NS	11.9	NS	11.4	NA	11.65
WS5	24.3	22.1	24	31.1	21.8	NA	24.66
WS6	14.7	12.2	21.6	17.3	17.2	NA	16.60
WS7	52.5	37.2	69	41.1	54.3	NA	50.82
WS8	31.6	27.4	37.9	20.9	--	--	29.45
WS9	NS	33.1	33.4	26.3	NA	NA	30.93
WS10	40.2	33	53.6	42.5	41.3	NA	42.12
WS11	25	21.5	26	10.9	22.5	NA	21.18
WS12	7.8	11.5	18.2	7.4	12.3	NA	11.44
WS13	21.6	21.5	39.3	13.5	30.4	NA	25.26
WS14	NS	NS	1.8	4.5	1.3	NA	2.53
WS15	25	28.6	29	27.2	30.8	NA	28.12
WS16	---	---	---	14.8	26.9	NS	20.85
WS17	---	---	---	12.2	7.1	NS	9.65
WS18	---	---	---	16.6	15	NS	15.80
WS19	---	---	---	4.8	2.6	NS	3.70
WS20	---	---	---	NS	1.3	NS	1.30
WS21	---	---	---	NS	6.6	NS	6.60
WS22	---	---	---	NS	3.5	NS	3.50
WS23	---	---	---	NS	18.1	NA	18.10
WS24	---	---	---	12.9	11.3	NA	12.10
WS25	---	---	---	NS	4.8	NS	4.80
WS26	---	---	---	0.7	0.6	NS	0.65
WS27	---	---	---	NS	0.9	NS	0.90
WS28	---	---	---	NS	8	NS	8.00
WS29	---	---	---	NS	4.7	NS	4.70
WS30	---	---	---	NS	6.3	NS	6.30
WQ9(July07)*	NS	NS	NS	NS	14.9	NS	14.90
GW12(June07)*	---	---	---	2.3	NS	NS	2.30
Trip Average	25.73	23.87	29.61	17.33	14.67	-	20.38

Note: Bolded figures indicate that the detection limit value was used (or included) to calculate the average value as the analytical value was not detected

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TABLE 17. SUMMARY OF MAGNESIUM AT ROCHE BAY, 2006 AND 2007

Magnesium (mg/L)							
Station	Jun-06	Jul-06	Aug-06	Jun-07	Jul-07	Aug-07	Station Average
WS1	3	3.1	4.1	2.6	4.2	NA	3.40
WS2	NS	NS	NS	2.5	3.3	NA	2.90
WS3	NS	NS	2.4	NS	2.4	NA	2.40
WS5	5.2	5	5.3	7.3	5	NA	5.56
WS6	3.1	2.6	4.4	3.8	3.7	NA	3.52
WS7	7.4	8.1	12.6	5.8	8.4	NA	8.46
WS8	4.7	5.2	8.3	3.7	--	--	5.48
WS9	NS	6.5	6.6	5.3	NS	NA	6.13
WS10	7.1	8.4	13	7.7	8.3	NA	8.90
WS11	5.4	4.9	5.8	2.5	5	NA	4.72
WS12	1.6	2.4	3.9	0.8	2.7	NA	2.28
WS13	4.4	4.7	8.7	2.7	6.7	NA	5.44
WS14	NS	NS	0.4	0.9	0.2	NA	0.50
WS15	5	6.6	8.4	5	8.6	NA	6.72
WS16	---	---	---	2.8	6	NS	4.40
WS17	---	---	---	1.9	1.3	NS	1.60
WS18	---	---	---	3.1	3.1	NS	3.10
WS19	---	---	---	1.1	0.5	NS	0.80
WS20	---	---	---	NS	0.2	NS	0.20
WS21	---	---	---	NS	1.1	NS	1.10
WS22	---	---	---	NS	0.7	NS	0.70
WS23	---	---	---	NS	4.1	NA	4.10
WS24	---	---	---	2.5	2.1	NA	2.30
WS25	---	---	---	NS	0.7	NS	0.70
WS26	---	---	---	0.1	0.1	NS	0.10
WS27	---	---	---	NS	0.2	NS	0.20
WS28	---	---	---	NS	1.1	NS	1.10
WS29	---	---	---	NS	0.7	NS	0.70
WS30	---	---	---	NS	1	NS	1.00
WQ9(July07)*	NS	NS	NS	NS	1.9	NS	1.90
GW12(June07)*	---	---	---	0.4	NS	NS	0.40
Trip Average	4.69	5.23	6.45	3.27	3.01	-	4.15

Note: Bolded figures indicate that the detection limit value was used (or included) to calculate the average value as the analytical value was not detected

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TABLE 18. SUMMARY OF POTASSIUM AT ROCHE BAY, 2006 AND 2007

Potassium (mg/L)							
Station	Jun-06	Jul-06	Aug-06	Jun-07	Jul-07	Aug-07	Station Average
WS1	1	0.7	1.3	0.8	1.2	NA	1.00
WS2	NS	NS	NS	1.1	1.3	NA	1.20
WS3	NS	NS	1.2	NS	0.9	NA	1.05
WS5	1.3	0.9	1.4	1.5	1.1	NA	1.24
WS6	1.2	0.6	1.3	1.2	1.1	NA	1.08
WS7	1.4	1.2	1.7	0.9	1	NA	1.24
WS8	0.7	1.4	1.4	0.7	--	--	1.05
WS9	NS	1.2	1.4	0.9	NS	NA	1.17
WS10	1.4	1.9	2.2	1.4	1.2	NA	1.62
WS11	1.4	1.1	1.5	0.6	1.2	NA	1.16
WS12	0.9	0.7	1.4	1.4	1	NA	1.08
WS13	1.4	1.1	2	0.8	1.4	NA	1.34
WS14	NS	NS	0.6	0.6	0.4	NA	0.53
WS15	0.9	1.1	1.5	0.8	1.3	NA	1.12
WS16	---	---	---	0.7	1	NS	0.85
WS17	---	---	---	0.6	0.5	NS	0.55
WS18	---	---	---	0.5	0.5	NS	0.50
WS19	---	---	---	0.5	0.4	NS	0.45
WS20	---	---	---	NS	0.5	NS	0.50
WS21	---	---	---	NS	0.5	NS	0.50
WS22	---	---	---	NS	0.6	NS	0.60
WS23	---	---	---	NS	0.9	NA	0.90
WS24	---	---	---	0.9	0.7	NA	0.80
WS25	---	---	---	NS	0.5	NS	0.50
WS26	---	---	---	0.4	0.3	NS	0.35
WS27	---	---	---	NS	0.3	NS	0.30
WS28	---	---	---	NS	0.6	NS	0.60
WS29	---	---	---	NS	0.6	NS	0.60
WS30	---	---	---	NS	0.6	NS	0.60
WQ9(July07)*	NS	NS	NS	NS	0.4	NS	0.40
GW12(June07)*	---	---	---	0.5	NS	NS	0.50
Trip Average	1.16	1.08	1.45	0.86	0.80	-	1.00

Note: Bolded figures indicate that the detection limit value was used (or included) to calculate the average value as the analytical value was not detected

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TABLE 19. SUMMARY OF SODIUM AT ROCHE BAY, 2006 AND 2007

Sodium (mg/L)							
Station	Jun-06	Jul-06	Aug-06	Jun-07	Jul-07	Aug-07	Station Average
WS1	1	1	2	1	1	NA	1.2
WS2	NS	NS	NS	2	1	NA	1.5
WS3	NS	NS	1	NS	1	NA	1.0
WS5	8	8	8	10	7	NA	8.2
WS6	1	1	2	2	2	NA	1.6
WS7	5	6	9	4	7	NA	6.2
WS8	3	5	5	3	--	--	4.0
WS9	NS	4	4	5	NS	NA	4.3
WS10	6	7	10	6	7	NA	7.2
WS11	8	6	7	2	7	NA	6.0
WS12	1	**1**	3	3	2	NA	2.0
WS13	2	**1**	3	1	2	NA	1.8
WS14	NS	NS	1	2	**1**	NA	1.3
WS15	4	5	7	6	7	NA	5.8
WS16	---	---	---	1	1	NS	1.0
WS17	---	---	---	1	2	NS	1.5
WS18	---	---	---	1	**1**	NS	1.0
WS19	---	---	---	1	**1**	NS	1.0
WS20	---	---	---	NS	**1**	NS	1.0
WS21	---	---	---	NS	**1**	NS	1.0
WS22	---	---	---	NS	**1**	NS	1.0
WS23	---	---	---	NS	1	NA	1.0
WS24	---	---	---	2	1	NA	1.5
WS25	---	---	---	NS	1	NS	1.0
WS26	---	---	---	1	**1**	NS	1.0
WS27	---	---	---	NS	**1**	NS	1.0
WS28	---	---	---	NS	1	NS	1.0
WS29	---	---	---	NS	**1**	NS	1.0
WS30	---	---	---	NS	**1**	NS	1.0
WQ9(July07)*	NS	NS	NS	NS	2	NS	2.0
GW12(June07)*	---	---	---	1	NS	NS	1.0
Trip Average	3.9	4.1	4.8	2.8	2.3	-	3.3

Note: Bolded figures indicate that the detection limit value was used (or included) to calculate the average value as the analytical value was not detected

NA = not analyzed

NS = not sampled

-- = omitted from program

--- = added to program in 2007

*Site sampled one time only; not part of future sampling programs

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TABLE 20. SUMMARY OF TOTAL ORGANIC CARBON AT ROCHE BAY, 2006 AND 2007

Total Organic Carbon (mg/L)							
Station	Jun-06	Jul-06	Aug-06	Jun-07	Jul-07	Aug-07	Station Average
WS1	2	2	2	3	2	1.10	2.0
WS2	NS	NS	NS	3	2	1.60	2.2
WS3	NS	NS	2	NS	2	1	1.7
WS5	3	3	2	3	2	1.40	2.4
WS6	2	2	2	3	3	1.60	2.3
WS7	4	7	4	3	4	2.60	4.1
WS8	5	4	7	5	--	--	5.3
WS9	NS	7	5	4	NS	3.20	4.8
WS10	6	7	8	5	6	4.20	6.0
WS11	3	3	2	3	2	1.60	2.4
WS12	2	3	2	3	2	1.70	2.3
WS13	3	4	3	3	3	3.10	3.2
WS14	NS	NS	1	3	2	1.40	1.8
WS15	4	5	6	5	6	4.20	5.0
WS16	---	---	---	2	2	NS	2.0
WS17	---	---	---	2	1	NS	1.5
WS18	---	---	---	2	2	NS	2.0
WS19	---	---	---	2	1	NS	1.5
WS20	---	---	---	NS	1	NS	1.0
WS21	---	---	---	NS	2	NS	2.0
WS22	---	---	---	NS	3	NS	3.0
WS23	---	---	---	NS	2	1.60	1.8
WS24	---	---	---	3	2	1.80	2.3
WS25	---	---	---	NS	2	NS	2.0
WS26	---	---	---	2	1	NS	1.5
WS27	---	---	---	NS	1	NS	1.0
WS28	---	---	---	NS	2	NS	2.0
WS29	---	---	---	NS	2	NS	2.0
WS30	---	---	---	NS	2	NS	2.0
WQ9(July07)*	NS	NS	NS	NS	3	NS	3.0
GW12(June07)*	---	---	---	2	NS	NS	2.0
Trip Average	3.4	4.3	3.5	3.1	2.3	2.1	2.9

Note: Bolded figures indicate that the detection limit value was used (or included) to calculate the average value as the analytical value was not detected

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NS = not sampled

-- = omitted from program

--- = added to program in 2007

*Site sampled one time only; not part of future sampling programs

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TABLE 21. SUMMARY OF TOTAL SUSPENDED SOLIDS AT ROCHE BAY, 2006 AND 2007

Total Suspended Solids (mg/L)							
Station	Jun-06	Jul-06	Aug-06	Jun-07	Jul-07	Aug-07	Station Average
WS1	NA	NA	NA	**3**	10	**1**	4.7
WS2	NS	NS	NS	**3**	5	**1**	3.0
WS3	NS	NS	NA	NS	**3**	2	2.5
WS5	NA	NA	NA	**3**	**3**	**1**	2.3
WS6	NA	NA	NA	10	**3**	**1**	4.7
WS7	NA	NA	NA	**3**	**3**	**1**	2.3
WS8	NA	NA	NA	**3**	--	--	3.0
WS9	NS	NA	NA	4	NS	**1**	2.5
WS10	NA	NA	NA	**3**	3	**1**	2.3
WS11	NA	NA	NA	4	**3**	**1**	2.7
WS12	NA	NA	NA	10	**3**	**1**	4.7
WS13	NA	NA	NA	**3**	**3**	**1**	2.3
WS14	NS	NS	NA	**3**	**3**	**1**	2.3
WS15	NA	NA	NA	**3**	**3**	2	2.7
WS16	---	---	---	**3**	**3**	NS	3.0
WS17	---	---	---	19	**3**	NS	11.0
WS18	---	---	---	46	**3**	NS	24.5
WS19	---	---	---	**3**	**3**	NS	3.0
WS20	---	---	---	NS	**3**	NS	3.0
WS21	---	---	---	NS	**3**	NS	3.0
WS22	---	---	---	NS	**3**	NS	3.0
WS23	---	---	---	NS	**3**	**1**	2.0
WS24	---	---	---	4	**3**	**1**	2.7
WS25	---	---	---	NS	**3**	NS	3.0
WS26	---	---	---	3	**3**	NS	3.0
WS27	---	---	---	NS	**3**	NS	3.0
WS28	---	---	---	NS	3	NS	3.0
WS29	---	---	---	NS	**3**	NS	3.0
WS30	---	---	---	NS	**3**	NS	3.0
WQ9(July07)*	NS	NS	NS	NS	**3**	NS	3.0
GW12(June07)*	---	---	---	4	NS	NS	4.0
Trip Average	-	-	-	7.0	3.3	1.1	3.9

Note: Bolded figures indicate that the detection limit value was used (or included) to calculate the average value as the analytical value was not detected

NA = not analyzed

NS = not sampled

-- = omitted from program

--- = added to program in 2007

*Site sampled one time only; not part of future sampling programs

WS4 has been omitted permanently from the water quality program due to its ephemeral nature and inaccessibility

TABLE 22. METALS ANALYSIS COMPARISON

Metals Below Detection Limits	Metals Above Detection Limit but Below CCME FAL*	Above Detection Limit and Above CCME FAL
Beryllium	Antimony	Aluminum
Bismuth**	Arsenic	Cadmium*** above detection and CCME in dissolved only in June 2006 (see text)
Silver	Barium	Iron
Tin**	Boron	
	Calcium	
	Chromium	
	Cobalt	
	Copper	
	Lead	
	Lithium**	
	Magnesium	
	Manganese	
	Molybdenum	
	Nickel	
	Potassium	
	Selenium	
	Sodium	
	Silicon**	
	Silver	
	Strontium	
	Uranium	
	Vanadium	
	Zinc	

* Canadian Council of Ministers of the Environment - Canadian Water Quality Guidelines for the Protection of Freshwater Aquatic Life (July 2006)

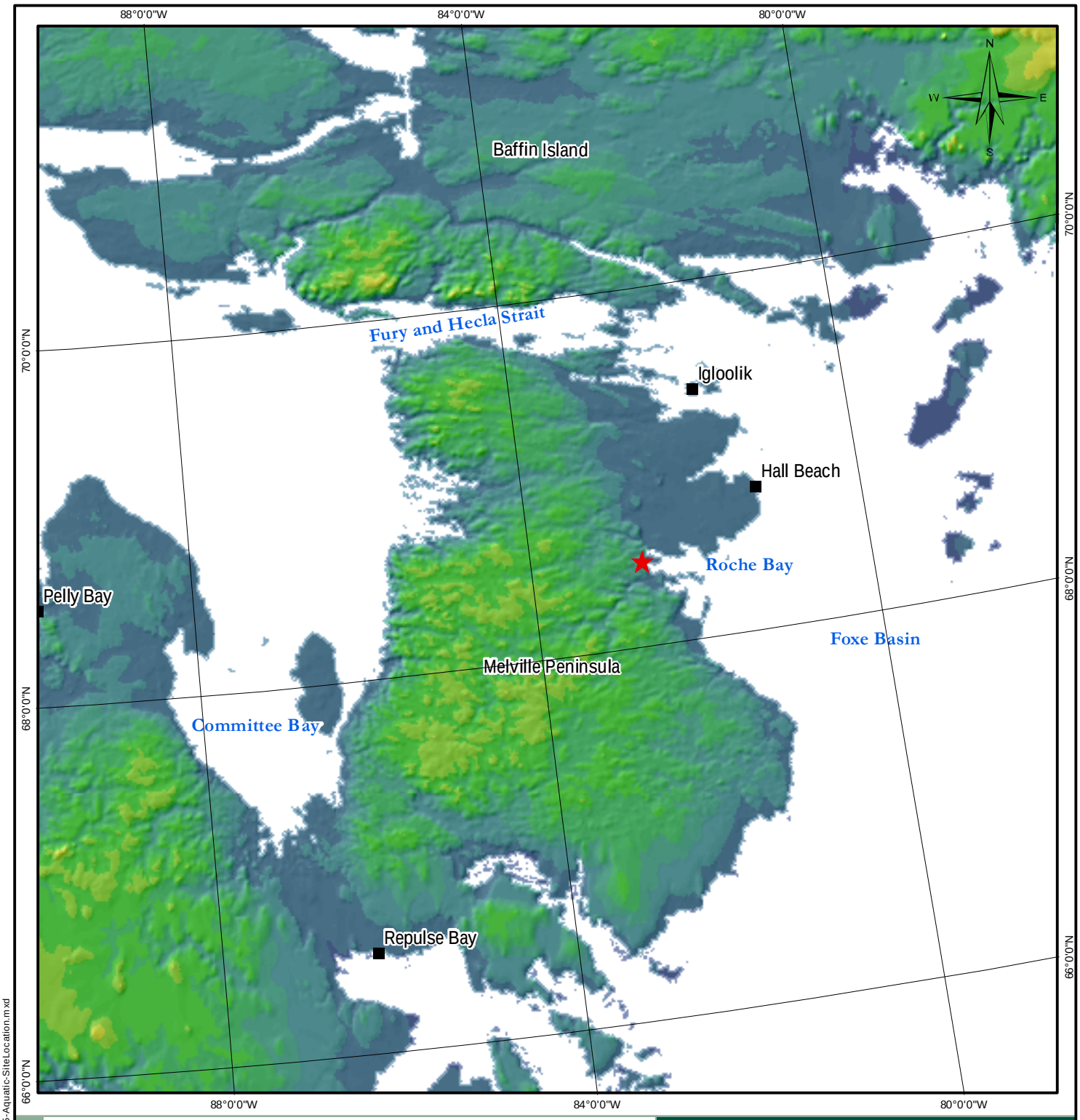
** Only analyzed in 2007

*** Detection limit for Cadmium is above the CCME Guideline and so below detections could still be above CCME.

Table 23. Summary of Collected Flows For All Roche Bay Hydrology Sites, July and August 2007

Site ID	Site	WSG 83 Coordinates		July Flows		August Flows	
	EL. m	Easting m	Northing m	Date Time	Discharge m^3/s	Date Time	Discharge m^3/s
WS2	135.9	431335	7596523	Aug 01/07 08:50	0.212	Aug 26/07 17:17	0.382
WS5	10.4	433157	7598264	Jul 30/07 18:00	0.936	Aug 24/07 16:07	0.566
WS6	18.3	432976	7595920	Aug 01/07 09:45	0.265	Aug 26/07 16:17	0.954
WS12	-1.2	433469	7598871	Jul 30/07 16:06	2.119	Aug 28/07 10:18	2.356
WS13	*no data*	432480	7592244	Jul 30/07 13:21	0.414	Aug 26/07 14:45	0.426
WS18	38.7	426313	7612666	Jul 31/07 08:57	2.742	*no data*	*no data*
WS21	184.1	403349	7598825	Jul 31/07 09:27	0.476	*no data*	*no data*
WS23	9.4	433225	7598753	Jul 30/07 17:01	1.713	Aug 26/07 18:37	3.462
WS24	22.9	432801	7588042	Jul 31/07 16:17	1.681	*no data*	*no data*
WS28	82.9	419987	7582196	Jul 31/07 12:45	0.147	*no data*	*no data*
WS29	74.4	419110	7578280	Jul 31/07 12:00	3.174	*no data*	*no data*
WS30	30.5	424358	7583911	Jul 31/07 10:40	2.229	*no data*	*no data*

FIGURES



LEGEND

- Settlement
- Site Location

NOTES

Base data source:
ESRI DATA and Maps

Roche Bay Environmental Baseline Studies 2006
Marine and Aquatic Fisheries

Site Location Map

PROJECTION	DATUM
Canadian Lambert Conf. Conic	NAD83

Scale: 1:3,000,000

50 25 0 50

Kilometres

EBA Engineering Consultants Ltd.

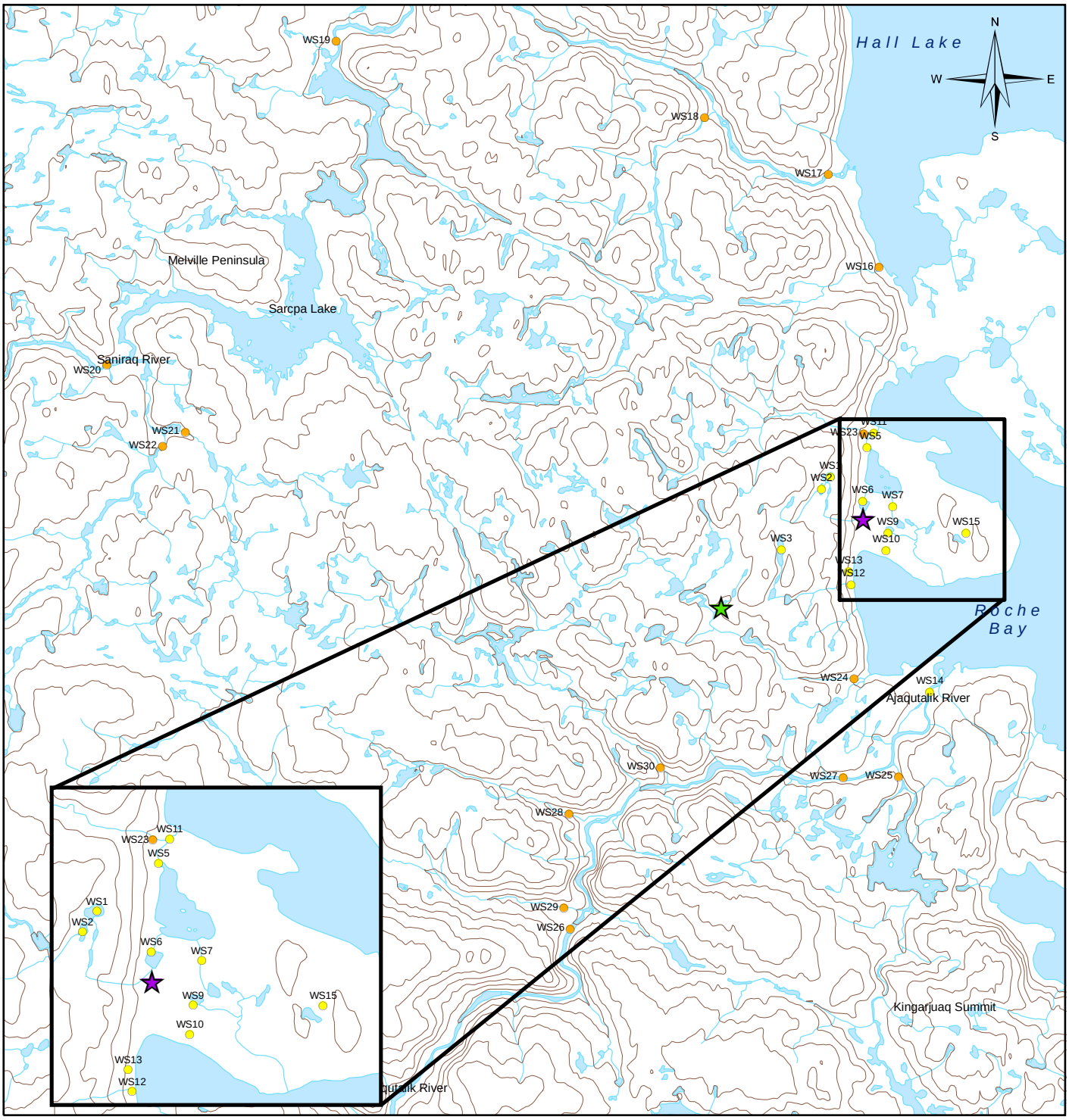
FILE NO.
1740183-005-Aquatic-SiteLocation

PROJECT NO.	DWN	CKD	REV
1740183.005	MEZ	TA	0

OFFICE	DATE
EBA-VANC	August 27, 2007

Figure 1

Q:\Vancouver\GIS\0701_YEL\1740183-Roche-Bay\Maps\005\1740183-005-Aquatic-SiteLocation.mxd



LEGEND

- Contour
- Watercourse
- Waterbody
- 2007 Camp
- 2006 Camp
- 2006 & 2007 Stations
- Additional 2007 Stations

NOTES

Base data source: NTDB 1:250 000

ROCHE BAY MAGNETITE PROJECT

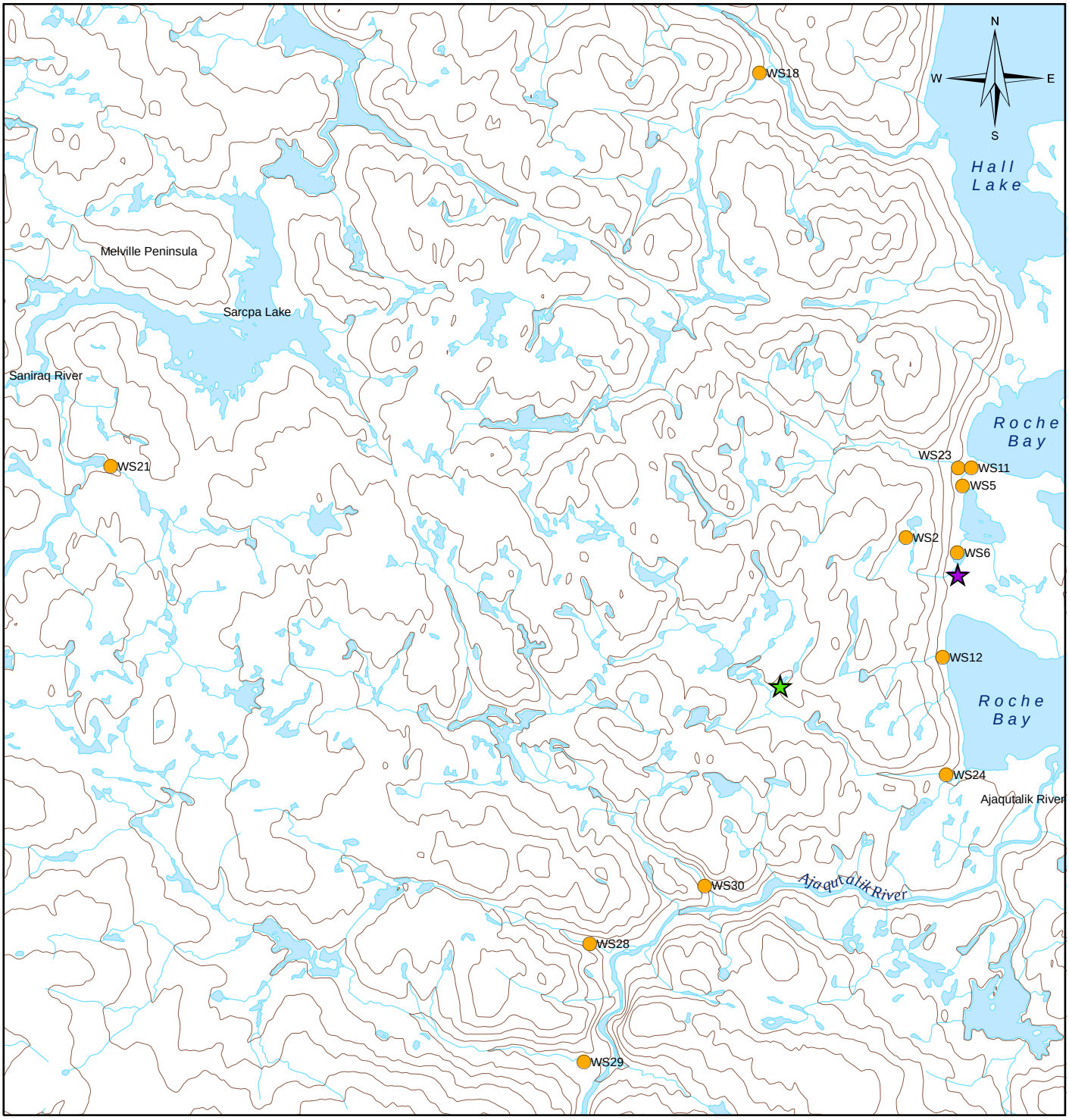
Location of 2006 & 2007 Water Quality Stations

PROJECTION: UTM Zone 17N		DATUM: NAD83	
Scale: 1:250,000			
5 2.5 0 5 Kilometres			
FILE NO.: Roche_Bay_WQ_Figure_2			
PROJECT NO.: 1740183.007	DWN: KDA	CKD: SM	REV: 0
OFFICE: EBA-YEL	DATE: December 7, 2007		

EBA Engineering Consultants Ltd.

Figure 2

\\eba.local\corp\Yellowknife\Data\0701\Projects\2006\Environmental\1740183_Roche_Bay\2007_Program\GIS\Roche_Bay_WQ_Figure2.mxd



LEGEND

- Esker
- Contour
- Watercourse
- Waterbody
- 2007 Camp
- 2006 Camp
- Preliminary Hydrology Stations

NOTES

Base data source: NTDB 1:250 000

ROCHE BAY MAGNETITE PROJECT

2007 Hydrology Stations

PROJECTION: UTM Zone 17N			DATUM: NAD83
Scale: 1:200,000			
3 1.5 0 3 Kilometres			
FILE NO.: Roche_Bay_Figure_3			
PROJECT NO.: 1740183.007	DWN: KDA	CKD: SM	REV: 0
OFFICE: EBA-YEL	DATE: December 7, 2007		

EBA Engineering Consultants Ltd.

Figure 3

\\eba.localcorp\Yellowknife\Data\0701\Projects\2006\Environmental\1740183_Roche_Bay\2007_Program\GIS\Roche_Bay_WQ_Figure3.mxd

PHOTOGRAPHS

Photo 1
Looking downstream at Hydrology Station WS2 (1 August 2007). July water discharge was 0.212 m^3/s; August 0.382 m^3/s.

Photo 2
Looking Upstream at Hydrology Station WS2 (1 August 2007).

Photo 3
Looking downstream at Hydrology Station WS5 (30 July 2007). July water discharge was 0.936 m^3/s; August 0.566 m^3/s.

Photo 4
Looking Upstream at Hydrology Station WS5 (30 July 2007).

Photo 5
Looking downstream at Hydrology Station WS6 (1 August 2007). July water discharge was 0.265 m^3/s; August 0.954 m^3/s.

Photo 6
Looking Upstream at Hydrology Station WS6 (1 August 2007).

Photo 7
Looking downstream at Hydrology Station WS11 (30 July 2007). July water discharge was 2.119 m^3/s; August 2.356 m^3/s.

Photo 8
Looking Upstream at Hydrology Station WS11 (30 July 2007).

Photo 9
Looking downstream at Hydrology Station WS12 (30 July 2007). July water discharge was 0.414 m^3/s; August 0.426 m^3/s.

Photo 10
Looking Upstream at Hydrology Station WS12 (30 July 2007).

Photo 11
Looking downstream at Hydrology Station WS18 (31 July 2007). July water discharge was 2.742 m^3/s. No data from August 2007.

Photo 12
Looking Upstream at Hydrology Station WS18 (31 July 2007).

Photo 13
Looking downstream at Hydrology Station WS21 (31 July 2007). July water discharge was 0.476 m^3/s. No data from August 2007.

Photo 14
Looking Upstream at Hydrology Station WS21 (31 July 2007).

Photo 15
Looking downstream at Hydrology Station WS23 (30 July 2007). July water discharge was 1.713 m^3/s; August 3.462 m^3/s.

Photo 16
Looking Upstream at Hydrology Station WS23 (30 July 2007).

Photo 17
Looking downstream at Hydrology Station WS24 (31 July 2007). July water discharge was 1.681 m^3/s. No data from August 2007.

Photo 18
Looking Upstream at Hydrology Station Ws24 (31 July 2007).

Photo 19
Looking downstream at Hydrology Station WS28 (31 July 2007). July water discharge was 0.147 m^3/s. No data from August 2007.

Photo 20
Looking Upstream at Hydrology Station WS28 (31 July 2007).

Photo 21
Looking downstream at Hydrology Station WS29 (31 July 2007). July water discharge was 3.174 m^3/s. No data from August 2007.

Photo 22
Looking Upstream at Hydrology Station WS29 (31 July 2007).

Photo 23
Looking downstream at Hydrology Station WS30 (31 July 2007). July water discharge was 2.229 m^3/s. No data from August 2007.

Photo 24
Looking Upstream at Hydrology Station WS30 (31 July 2007).

APPENDIX

APPENDIX A COMPREHENSIVE LABORATORY RESULTS AND LABORATORY QA/QC REPORTS

PRELIMINARY RESULTS

EBA ENG CONSULTANTS LTD
ATTN: STEVE MOORE
201-4916 49 STREET
YELLOWKNIFE NT X1A 2P7

Reported On: 11-AUG-06 12:01 PM
Revision: 1

Lab Work Order #: **L406561** **Date Received:** **04-JUL-06**

Project P.O. #:
Job Reference: ROCHE BAY PLC 1740183
Legal Site Desc:
CofC Numbers: 50261, 50262

Other Information:

Comments:

ROY JONES
General Manager

For any questions about this report please contact your Account Manager:

CATHERINE EVARISTO-CORDERO

THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN AUTHORITY OF THE LABORATORY.
ALL SAMPLES WILL BE DISPOSED OF AFTER 30 DAYS FOLLOWING ANALYSIS. PLEASE CONTACT THE LAB IF YOU
REQUIRE ADDITIONAL SAMPLE STORAGE TIME.

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-1 FILTER BLANK								
Sampled By: SM/TA/KL on 28-JUN-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	<0.5		0.5	mg/L		14-JUL-06	HAS	R419818
Potassium (K)	<0.1		0.1	mg/L		14-JUL-06	HAS	R419818
Magnesium (Mg)	<0.1		0.1	mg/L		14-JUL-06	HAS	R419818
Sodium (Na)	<1		1	mg/L		14-JUL-06	HAS	R419818
Iron (Fe)	<0.005		0.005	mg/L		14-JUL-06	HAS	R419818
Manganese (Mn)	<0.001		0.001	mg/L		14-JUL-06	HAS	R419818
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		14-JUL-06	MCHU	R419826
Aluminum (Al)	<0.02		0.02	mg/L		14-JUL-06	MCHU	R419826
Arsenic (As)	<0.0004		0.0004	mg/L		14-JUL-06	MCHU	R419826
Boron (B)	<0.02		0.02	mg/L		14-JUL-06	MCHU	R419826
Barium (Ba)	<0.0002		0.0002	mg/L		14-JUL-06	MCHU	R419826
Beryllium (Be)	<0.001		0.001	mg/L		14-JUL-06	MCHU	R419826
Bismuth (Bi)	<0.0001		0.0001	mg/L		14-JUL-06	MCHU	R419826
Cadmium (Cd)	<0.0002		0.0002	mg/L		14-JUL-06	MCHU	R419826
Cobalt (Co)	<0.0002		0.0002	mg/L		14-JUL-06	MCHU	R419826
Chromium (Cr)	<0.0008		0.0008	mg/L		14-JUL-06	MCHU	R419826
Copper (Cu)	<0.001		0.001	mg/L		14-JUL-06	MCHU	R419826
Molybdenum (Mo)	<0.0001		0.0001	mg/L		14-JUL-06	MCHU	R419826
Nickel (Ni)	<0.0002		0.0002	mg/L		14-JUL-06	MCHU	R419826
Lead (Pb)	<0.0001		0.0001	mg/L		14-JUL-06	MCHU	R419826
Antimony (Sb)	<0.0004		0.0004	mg/L		14-JUL-06	MCHU	R419826
Selenium (Se)	<0.0004		0.0004	mg/L		14-JUL-06	MCHU	R419826
Tin (Sn)	<0.0004		0.0004	mg/L		14-JUL-06	MCHU	R419826
Strontium (Sr)	0.0007		0.0002	mg/L		14-JUL-06	MCHU	R419826
Titanium (Ti)	<0.005		0.005	mg/L		14-JUL-06	MCHU	R419826
Thallium (Tl)	<0.0001		0.0001	mg/L		14-JUL-06	MCHU	R419826
Uranium (U)	<0.0001		0.0001	mg/L		14-JUL-06	MCHU	R419826
Vanadium (V)	<0.0002		0.0002	mg/L		14-JUL-06	MCHU	R419826
Zinc (Zn)	<0.004		0.004	mg/L		14-JUL-06	MCHU	R419826
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0003	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	<0.001	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.00008	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	0.21	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	<0.02	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	0.044	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	0.040	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-1 FILTER BLANK								
Sampled By: SM/TA/KL on 28-JUN-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Ultra-Low Metals - Dissolved								
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	0.00040	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0006	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
L406561-2 FIELD BLANK								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	<0.5		0.5	mg/L		06-JUL-06	HAS	R416946
Potassium (K)	<0.1		0.1	mg/L		06-JUL-06	HAS	R416946
Magnesium (Mg)	<0.1		0.1	mg/L		06-JUL-06	HAS	R416946
Sodium (Na)	<1		1	mg/L		06-JUL-06	HAS	R416946
Iron (Fe)	<0.005		0.005	mg/L		06-JUL-06	HAS	R416946
Manganese (Mn)	<0.001		0.001	mg/L		06-JUL-06	HAS	R416946
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Aluminum (Al)	<0.02		0.02	mg/L		10-JUL-06	CVE	R418463
Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Boron (B)	<0.02		0.02	mg/L		10-JUL-06	CVE	R418463
Barium (Ba)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-06	CVE	R418463
Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Cobalt (Co)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Chromium (Cr)	<0.0008		0.0008	mg/L		10-JUL-06	CVE	R418463
Copper (Cu)	<0.001		0.001	mg/L		10-JUL-06	CVE	R418463
Molybdenum (Mo)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Nickel (Ni)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Lead (Pb)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Strontium (Sr)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Titanium (Ti)	<0.005		0.005	mg/L		10-JUL-06	CVE	R418463
Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Uranium (U)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Vanadium (V)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Zinc (Zn)	<0.004	RAMB	0.004	mg/L		10-JUL-06	CVE	R418463
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	<0.0003	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	<0.001	ETU	0.001	mg/L		20-JUL-06	CLL	R422201

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-2 FIELD BLANK								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Ultra-Low Metals - Dissolved								
Barium (Ba)	0.00007	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	0.03	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	<0.02	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	<0.004	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	0.007	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0004	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Ultra-Low Metals								
Iron (Fe)	<0.005	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	<0.0003	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	<0.001	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	<0.02	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	<0.02	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	<0.004	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	<0.005	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Dissolved Metals								
Dissolved Trace Metals								

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-2 FIELD BLANK								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Dissolved Metals								
Dissolved Trace Metals								
Silver (Ag)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Aluminum (Al)	<0.01		0.01	mg/L		11-JUL-06	MCHU	R418841
Boron (B)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Barium (Ba)	<0.003		0.003	mg/L		11-JUL-06	MCHU	R418841
Beryllium (Be)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cadmium (Cd)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cobalt (Co)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Chromium (Cr)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Copper (Cu)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Molybdenum (Mo)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Nickel (Ni)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Lead (Pb)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Tin (Sn)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Strontium (Sr)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Titanium (Ti)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Thallium (Tl)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Vanadium (V)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Zinc (Zn)	0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Iron (Fe)-Dissolved								
Iron (Fe)-Dissolved	<0.005		0.005	mg/L		10-JUL-06	HAS	R418036
Iron (Fe)-Dissolved	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Manganese (Mn)-Dissolved								
Manganese (Mn)-Dissolved	<0.001		0.001	mg/L		10-JUL-06	HAS	R418036
Manganese (Mn)-Dissolved	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Ammonia-N	<0.005		0.005	mg/L		07-JUL-06	KMY	R417269
Phosphorus, Total	<0.001		0.001	mg/L		10-JUL-06	SHC	R418005
Total Organic Carbon	<1		1	mg/L		05-JUL-06	ZOW	R416260
Routine Water Analysis								
Chloride (Cl)	<1		1	mg/L		05-JUL-06	WYA	R416375
ICP metals and SO4 for routine water								
Calcium (Ca)	<0.5		0.5	mg/L		05-JUL-06	MLH	R416394
Potassium (K)	<0.5		0.5	mg/L		05-JUL-06	MLH	R416394
Magnesium (Mg)	<0.1		0.1	mg/L		05-JUL-06	MLH	R416394
Sodium (Na)	2		1	mg/L		05-JUL-06	MLH	R416394
Sulfate (SO4)	0.6		0.5	mg/L		05-JUL-06	MLH	R416394
Ion Balance Calculation								
Ion Balance	Low EC			%		06-JUL-06		
TDS (Calculated)	3			mg/L		06-JUL-06		
Hardness (as CaCO3)	<1			mg/L		06-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrate-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrite-N	<0.05		0.05	mg/L		05-JUL-06	SHC	R416679
pH, Conductivity and Total Alkalinity								
pH	5.7		0.1	pH		05-JUL-06	JPA	R416159
Conductivity (EC)	2.3		0.2	uS/cm		05-JUL-06	JPA	R416159
Bicarbonate (HCO3)	<5		5	mg/L		05-JUL-06	JPA	R416159
Carbonate (CO3)	<5		5	mg/L		05-JUL-06	JPA	R416159
Hydroxide (OH)	<5		5	mg/L		05-JUL-06	JPA	R416159
Alkalinity, Total (as CaCO3)	<5		5	mg/L		05-JUL-06	JPA	R416159

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-3 TRIP BLANK								
Sampled By: SM/TA/KL								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	<0.5		0.5	mg/L		06-JUL-06	HAS	R416946
Potassium (K)	<0.1		0.1	mg/L		06-JUL-06	HAS	R416946
Magnesium (Mg)	<0.1		0.1	mg/L		06-JUL-06	HAS	R416946
Sodium (Na)	<1		1	mg/L		06-JUL-06	HAS	R416946
Iron (Fe)	<0.005		0.005	mg/L		06-JUL-06	HAS	R416946
Manganese (Mn)	<0.001		0.001	mg/L		06-JUL-06	HAS	R416946
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Aluminum (Al)	<0.02		0.02	mg/L		10-JUL-06	CVE	R418463
Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Boron (B)	<0.02		0.02	mg/L		10-JUL-06	CVE	R418463
Barium (Ba)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-06	CVE	R418463
Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Cobalt (Co)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Chromium (Cr)	<0.0008		0.0008	mg/L		10-JUL-06	CVE	R418463
Copper (Cu)	<0.001		0.001	mg/L		10-JUL-06	CVE	R418463
Molybdenum (Mo)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Nickel (Ni)	0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Lead (Pb)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Strontium (Sr)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Titanium (Ti)	<0.005		0.005	mg/L		10-JUL-06	CVE	R418463
Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Uranium (U)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Vanadium (V)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Zinc (Zn)	<0.004	RAMB	0.004	mg/L		10-JUL-06	CVE	R418463
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	<0.0003	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	<0.001	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	<0.02	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	<0.02	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	<0.004	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	<0.005	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-3 TRIP BLANK								
Sampled By: SM/TA/KL								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Ultra-Low Metals - Dissolved								
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Ultra-Low Metals								
Iron (Fe)	<0.005	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	<0.0003	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	<0.001	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	<0.02	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	<0.02	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	<0.004	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	<0.005	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	0.00012	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Dissolved Metals								
Dissolved Trace Metals								
Silver (Ag)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Aluminum (Al)	<0.01		0.01	mg/L		11-JUL-06	MCHU	R418841
Boron (B)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Barium (Ba)	<0.003		0.003	mg/L		11-JUL-06	MCHU	R418841
Beryllium (Be)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cadmium (Cd)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cobalt (Co)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Chromium (Cr)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Copper (Cu)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Molybdenum (Mo)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Nickel (Ni)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Lead (Pb)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Tin (Sn)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Strontium (Sr)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-3 TRIP BLANK								
Sampled By: SM/TA/KL								
Matrix: WATER								
Dissolved Metals								
Dissolved Trace Metals								
Titanium (Ti)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Thallium (Tl)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Vanadium (V)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Zinc (Zn)	0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Iron (Fe)-Dissolved	<0.005	RRV	0.005	mg/L		07-JUL-06	HAS	R417415
Manganese (Mn)-Dissolved	<0.001	RRV	0.001	mg/L		07-JUL-06	HAS	R417415
Ammonia-N	<0.005		0.005	mg/L		07-JUL-06	KMY	R417269
Phosphorus, Total	<0.001		0.001	mg/L		10-JUL-06	SHC	R418005
Total Organic Carbon	1	RRV	1	mg/L		05-JUL-06	ZOW	R416260
Routine Water Analysis								
Chloride (Cl)	<1		1	mg/L		05-JUL-06	WYA	R416375
ICP metals and SO4 for routine water								
Calcium (Ca)	<0.5		0.5	mg/L		05-JUL-06	MLH	R416394
Potassium (K)	<0.5		0.5	mg/L		05-JUL-06	MLH	R416394
Magnesium (Mg)	<0.1		0.1	mg/L		05-JUL-06	MLH	R416394
Sodium (Na)	1		1	mg/L		05-JUL-06	MLH	R416394
Sulfate (SO4)	1.4		0.5	mg/L		05-JUL-06	MLH	R416394
Ion Balance Calculation								
Ion Balance	Low EC			%		06-JUL-06		
TDS (Calculated)	2			mg/L		06-JUL-06		
Hardness (as CaCO3)	<1			mg/L		06-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrate-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrite-N	<0.05		0.05	mg/L		05-JUL-06	SHC	R416679
pH, Conductivity and Total Alkalinity								
pH	5.4		0.1	pH		05-JUL-06	JPA	R416159
Conductivity (EC)	1.2		0.2	uS/cm		05-JUL-06	JPA	R416159
Bicarbonate (HCO3)	<5		5	mg/L		05-JUL-06	JPA	R416159
Carbonate (CO3)	<5		5	mg/L		05-JUL-06	JPA	R416159
Hydroxide (OH)	<5		5	mg/L		05-JUL-06	JPA	R416159
Alkalinity, Total (as CaCO3)	<5		5	mg/L		05-JUL-06	JPA	R416159
L406561-4 STATION 1								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	13.0		0.5	mg/L		06-JUL-06	HAS	R416946
Potassium (K)	0.7		0.1	mg/L		06-JUL-06	HAS	R416946
Magnesium (Mg)	2.7		0.1	mg/L		06-JUL-06	HAS	R416946
Sodium (Na)	<1		1	mg/L		06-JUL-06	HAS	R416946
Iron (Fe)	0.009		0.005	mg/L		06-JUL-06	HAS	R416946
Manganese (Mn)	0.001		0.001	mg/L		06-JUL-06	HAS	R416946
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Aluminum (Al)	<0.02		0.02	mg/L		10-JUL-06	CVE	R418463
Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Boron (B)	<0.02		0.02	mg/L		10-JUL-06	CVE	R418463
Barium (Ba)	0.0080		0.0002	mg/L		10-JUL-06	CVE	R418463
Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-06	CVE	R418463

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-4 STATION 1								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Total Metals								
Total Trace Metals (Low Level)								
Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Cobalt (Co)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Chromium (Cr)	<0.0008		0.0008	mg/L		10-JUL-06	CVE	R418463
Copper (Cu)	<0.001		0.001	mg/L		10-JUL-06	CVE	R418463
Molybdenum (Mo)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Nickel (Ni)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Lead (Pb)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Strontium (Sr)	0.0103		0.0002	mg/L		10-JUL-06	CVE	R418463
Titanium (Ti)	<0.005		0.005	mg/L		10-JUL-06	CVE	R418463
Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Uranium (U)	0.0003		0.0001	mg/L		10-JUL-06	CVE	R418463
Vanadium (V)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Zinc (Zn)	<0.004	RAMB	0.004	mg/L		10-JUL-06	CVE	R418463
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0006	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00011	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	<0.001	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.00704	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	11.6	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00027	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	0.69	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	2.61	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0008	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	0.798	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	0.00008	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0097	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00031	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Ultra-Low Metals								
Iron (Fe)	0.008	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0016	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00013	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-4 STATION 1								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Boron (B)	<0.001	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.00729	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	12.5	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00110	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	0.75	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	2.76	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0012	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	0.845	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	0.00011	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0099	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00031	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Dissolved Metals								
Dissolved Trace Metals								
Silver (Ag)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Aluminum (Al)	<0.01		0.01	mg/L		11-JUL-06	MCHU	R418841
Boron (B)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Barium (Ba)	0.008		0.003	mg/L		11-JUL-06	MCHU	R418841
Beryllium (Be)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cadmium (Cd)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cobalt (Co)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Chromium (Cr)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Copper (Cu)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Molybdenum (Mo)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Nickel (Ni)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Lead (Pb)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Tin (Sn)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Strontium (Sr)	0.010		0.005	mg/L		11-JUL-06	MCHU	R418841
Titanium (Ti)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Thallium (Tl)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Vanadium (V)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Zinc (Zn)	0.004		0.001	mg/L		11-JUL-06	MCHU	R418841
Iron (Fe)-Dissolved	<0.005		0.005	mg/L		07-JUL-06	HAS	R417415
Manganese (Mn)-Dissolved	0.001		0.001	mg/L		07-JUL-06	HAS	R417415
Ammonia-N	<0.005		0.005	mg/L		07-JUL-06	KMY	R417269
Phosphorus, Total	0.002		0.001	mg/L		10-JUL-06	SHC	R418005
Total Organic Carbon	2		1	mg/L		05-JUL-06	ZOW	R416260
Routine Water Analysis								
Chloride (Cl)	2		1	mg/L		05-JUL-06	WYA	R416375

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-4 STATION 1								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Routine Water Analysis								
ICP metals and SO4 for routine water								
Calcium (Ca)	14.6		0.5	mg/L		05-JUL-06	MLH	R416394
Potassium (K)	1.0		0.5	mg/L		05-JUL-06	MLH	R416394
Magnesium (Mg)	3.0		0.1	mg/L		05-JUL-06	MLH	R416394
Sodium (Na)	1		1	mg/L		05-JUL-06	MLH	R416394
Sulfate (SO4)	4.0		0.5	mg/L		05-JUL-06	MLH	R416394
Ion Balance Calculation								
Ion Balance	Low EC			%		06-JUL-06		
TDS (Calculated)	52			mg/L		06-JUL-06		
Hardness (as CaCO3)	49			mg/L		06-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrate-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrite-N	<0.05		0.05	mg/L		05-JUL-06	SHC	R416679
pH, Conductivity and Total Alkalinity								
pH	7.9		0.1	pH		05-JUL-06	JPA	R416159
Conductivity (EC)	93.9		0.2	uS/cm		05-JUL-06	JPA	R416159
Bicarbonate (HCO3)	54		5	mg/L		05-JUL-06	JPA	R416159
Carbonate (CO3)	<5		5	mg/L		05-JUL-06	JPA	R416159
Hydroxide (OH)	<5		5	mg/L		05-JUL-06	JPA	R416159
Alkalinity, Total (as CaCO3)	44		5	mg/L		05-JUL-06	JPA	R416159
L406561-5 STATION 5								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	21.7		0.5	mg/L		06-JUL-06	HAS	R416946
Potassium (K)	1.0		0.1	mg/L		06-JUL-06	HAS	R416946
Magnesium (Mg)	4.7		0.1	mg/L		06-JUL-06	HAS	R416946
Sodium (Na)	7		1	mg/L		06-JUL-06	HAS	R416946
Iron (Fe)	0.010		0.005	mg/L		06-JUL-06	HAS	R416946
Manganese (Mn)	0.001		0.001	mg/L		06-JUL-06	HAS	R416946
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Aluminum (Al)	<0.02		0.02	mg/L		10-JUL-06	CVE	R418463
Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Boron (B)	<0.02		0.02	mg/L		10-JUL-06	CVE	R418463
Barium (Ba)	0.0089		0.0002	mg/L		10-JUL-06	CVE	R418463
Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-06	CVE	R418463
Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Cobalt (Co)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Chromium (Cr)	0.0011		0.0008	mg/L		10-JUL-06	CVE	R418463
Copper (Cu)	<0.001		0.001	mg/L		10-JUL-06	CVE	R418463
Molybdenum (Mo)	0.0002		0.0001	mg/L		10-JUL-06	CVE	R418463
Nickel (Ni)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Lead (Pb)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Strontium (Sr)	0.0237		0.0002	mg/L		10-JUL-06	CVE	R418463
Titanium (Ti)	<0.005		0.005	mg/L		10-JUL-06	CVE	R418463

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-5 STATION 5								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Total Metals								
Total Trace Metals (Low Level)								
Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Uranium (U)	0.0004		0.0001	mg/L		10-JUL-06	CVE	R418463
Vanadium (V)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Zinc (Zn)	<0.004	RAMB	0.004	mg/L		10-JUL-06	CVE	R418463
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0006	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00016	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.007	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.00970	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	20.5	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	0.00104	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00042	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	1.08	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	4.65	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0006	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00019	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	7.00	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0231	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00040	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	0.0009	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Ultra-Low Metals								
Iron (Fe)	0.010	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0031	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00015	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.007	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.00831	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	20.8	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00114	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	1.10	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	4.82	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0012	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00019	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-5 STATION 5								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Sodium (Na)	6.99	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0227	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00037	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Dissolved Metals								
Dissolved Trace Metals								
Silver (Ag)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Aluminum (Al)	<0.01		0.01	mg/L		11-JUL-06	MCHU	R418841
Boron (B)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Barium (Ba)	0.011		0.003	mg/L		11-JUL-06	MCHU	R418841
Beryllium (Be)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cadmium (Cd)	<0.001		0.001	mg/L		12-JUL-06	MCHU	R418841
Cobalt (Co)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Chromium (Cr)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Copper (Cu)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Molybdenum (Mo)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Nickel (Ni)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Lead (Pb)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Tin (Sn)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Strontium (Sr)	0.023		0.005	mg/L		11-JUL-06	MCHU	R418841
Titanium (Ti)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Thallium (Tl)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Vanadium (V)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Zinc (Zn)	0.005		0.001	mg/L		11-JUL-06	MCHU	R418841
Iron (Fe)-Dissolved	<0.005		0.005	mg/L		07-JUL-06	HAS	R417415
Manganese (Mn)-Dissolved	<0.001		0.001	mg/L		07-JUL-06	HAS	R417415
Ammonia-N	0.010		0.005	mg/L		07-JUL-06	KMY	R417269
Phosphorus, Total	0.004		0.001	mg/L		10-JUL-06	SHC	R418005
Total Organic Carbon	3		1	mg/L		05-JUL-06	ZOW	R416260
Routine Water Analysis								
Chloride (Cl)	13		1	mg/L		05-JUL-06	WYA	R416375
ICP metals and SO4 for routine water								
Calcium (Ca)	24.3		0.5	mg/L		05-JUL-06	MLH	R416394
Potassium (K)	1.3		0.5	mg/L		05-JUL-06	MLH	R416394
Magnesium (Mg)	5.2		0.1	mg/L		05-JUL-06	MLH	R416394
Sodium (Na)	8		1	mg/L		05-JUL-06	MLH	R416394
Sulfate (SO4)	5.5		0.5	mg/L		05-JUL-06	MLH	R416394
Ion Balance Calculation								
Ion Balance	104			%		06-JUL-06		
TDS (Calculated)	101			mg/L		06-JUL-06		
Hardness (as CaCO3)	82			mg/L		06-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrate-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrite-N	<0.05		0.05	mg/L		05-JUL-06	SHC	R416679

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-5 STATION 5								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Routine Water Analysis								
pH, Conductivity and Total Alkalinity								
pH	8.1		0.1	pH		05-JUL-06	JPA	R416159
Conductivity (EC)	187		0.2	uS/cm		05-JUL-06	JPA	R416159
Bicarbonate (HCO3)	89		5	mg/L		05-JUL-06	JPA	R416159
Carbonate (CO3)	<5		5	mg/L		05-JUL-06	JPA	R416159
Hydroxide (OH)	<5		5	mg/L		05-JUL-06	JPA	R416159
Alkalinity, Total (as CaCO3)	73		5	mg/L		05-JUL-06	JPA	R416159
L406561-6 STATION 5 DUP								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	21.2		0.5	mg/L		05-JUL-06	HAS	R416410
Potassium (K)	1.0		0.1	mg/L		05-JUL-06	HAS	R416410
Magnesium (Mg)	4.6		0.1	mg/L		05-JUL-06	HAS	R416410
Sodium (Na)	7		1	mg/L		05-JUL-06	HAS	R416410
Iron (Fe)	0.012		0.005	mg/L		05-JUL-06	HAS	R416410
Manganese (Mn)	0.001		0.001	mg/L		05-JUL-06	HAS	R416410
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Aluminum (Al)	<0.02		0.02	mg/L		06-JUL-06	CVE	R417182
Arsenic (As)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Boron (B)	<0.02	RAMB	0.02	mg/L		06-JUL-06	CVE	R417182
Barium (Ba)	0.0090		0.0002	mg/L		06-JUL-06	CVE	R417182
Beryllium (Be)	<0.001		0.001	mg/L		06-JUL-06	CVE	R417182
Bismuth (Bi)	<0.0001		0.0001	mg/L		06-JUL-06	CVE	R417182
Cadmium (Cd)	<0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Cobalt (Co)	<0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Chromium (Cr)	<0.0008		0.0008	mg/L		06-JUL-06	CVE	R417182
Copper (Cu)	<0.001		0.001	mg/L		06-JUL-06	CVE	R417182
Molybdenum (Mo)	0.0001		0.0001	mg/L		06-JUL-06	CVE	R417182
Nickel (Ni)	<0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Lead (Pb)	<0.0001		0.0001	mg/L		06-JUL-06	CVE	R417182
Antimony (Sb)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Selenium (Se)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Tin (Sn)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Strontium (Sr)	0.0262		0.0002	mg/L		06-JUL-06	CVE	R417182
Titanium (Ti)	<0.005		0.005	mg/L		06-JUL-06	CVE	R417182
Thallium (Tl)	0.0002		0.0001	mg/L		06-JUL-06	CVE	R417182
Uranium (U)	0.0004		0.0001	mg/L		06-JUL-06	CVE	R417182
Vanadium (V)	<0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Zinc (Zn)	<0.004		0.004	mg/L		06-JUL-06	CVE	R417182
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0006	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00015	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.007	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.00859	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-6 STATION 5 DUP								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Ultra-Low Metals - Dissolved								
Calcium (Ca)	20.9	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00057	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	1.10	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	4.79	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0005	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00019	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	7.21	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0227	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00040	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Ultra-Low Metals								
Iron (Fe)	0.011	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0034	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00013	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.007	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.00794	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	20.7	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00023	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	1.11	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	4.78	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0012	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00019	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	7.06	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0228	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00037	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	0.00006	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Dissolved Metals								
Dissolved Trace Metals								
Silver (Ag)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Aluminum (Al)	<0.01		0.01	mg/L		11-JUL-06	MCHU	R418841

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-6 STATION 5 DUP								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Dissolved Metals								
Dissolved Trace Metals								
Boron (B)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Barium (Ba)	0.009		0.003	mg/L		11-JUL-06	MCHU	R418841
Beryllium (Be)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cadmium (Cd)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cobalt (Co)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Chromium (Cr)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Copper (Cu)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Molybdenum (Mo)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Nickel (Ni)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Lead (Pb)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Tin (Sn)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Strontium (Sr)	0.022		0.005	mg/L		11-JUL-06	MCHU	R418841
Titanium (Ti)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Thallium (Tl)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Vanadium (V)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Zinc (Zn)	0.002		0.001	mg/L		11-JUL-06	MCHU	R418841
Iron (Fe)-Dissolved	<0.005		0.005	mg/L		07-JUL-06	HAS	R417415
Manganese (Mn)-Dissolved	0.001		0.001	mg/L		07-JUL-06	HAS	R417415
Ammonia-N	0.012		0.005	mg/L		07-JUL-06	KMY	R417269
Phosphorus, Total	0.004		0.001	mg/L		10-JUL-06	SHC	R418005
Total Organic Carbon	2		1	mg/L		05-JUL-06	ZOW	R416260
Routine Water Analysis								
Chloride (Cl)	13		1	mg/L		05-JUL-06	WYA	R416375
ICP metals and SO4 for routine water								
Calcium (Ca)	24.3		0.5	mg/L		05-JUL-06	MLH	R416394
Potassium (K)	1.3		0.5	mg/L		05-JUL-06	MLH	R416394
Magnesium (Mg)	5.2		0.1	mg/L		05-JUL-06	MLH	R416394
Sodium (Na)	8		1	mg/L		05-JUL-06	MLH	R416394
Sulfate (SO4)	5.3		0.5	mg/L		05-JUL-06	MLH	R416394
Ion Balance Calculation								
Ion Balance	105			%		06-JUL-06		
TDS (Calculated)	100			mg/L		06-JUL-06		
Hardness (as CaCO3)	82			mg/L		06-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrate-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrite-N	<0.05		0.05	mg/L		05-JUL-06	SHC	R416679
pH, Conductivity and Total Alkalinity								
pH	8.1		0.1	pH		05-JUL-06	JPA	R416159
Conductivity (EC)	188		0.2	uS/cm		05-JUL-06	JPA	R416159
Bicarbonate (HCO3)	88		5	mg/L		05-JUL-06	JPA	R416159
Carbonate (CO3)	<5		5	mg/L		05-JUL-06	JPA	R416159
Hydroxide (OH)	<5		5	mg/L		05-JUL-06	JPA	R416159
Alkalinity, Total (as CaCO3)	72		5	mg/L		05-JUL-06	JPA	R416159
L406561-7 STATION 6								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	12.8		0.5	mg/L		05-JUL-06	HAS	R416410

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-7 STATION 6								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Potassium (K)	0.7		0.1	mg/L		05-JUL-06	HAS	R416410
Magnesium (Mg)	2.7		0.1	mg/L		05-JUL-06	HAS	R416410
Sodium (Na)	1		1	mg/L		05-JUL-06	HAS	R416410
Iron (Fe)	0.008		0.005	mg/L		05-JUL-06	HAS	R416410
Manganese (Mn)	0.001		0.001	mg/L		05-JUL-06	HAS	R416410
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Aluminum (Al)	<0.02		0.02	mg/L		06-JUL-06	CVE	R417182
Arsenic (As)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Boron (B)	<0.02	RAMB	0.02	mg/L		06-JUL-06	CVE	R417182
Barium (Ba)	0.0097		0.0002	mg/L		06-JUL-06	CVE	R417182
Beryllium (Be)	<0.001		0.001	mg/L		06-JUL-06	CVE	R417182
Bismuth (Bi)	<0.0001		0.0001	mg/L		06-JUL-06	CVE	R417182
Cadmium (Cd)	<0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Cobalt (Co)	<0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Chromium (Cr)	<0.0008		0.0008	mg/L		06-JUL-06	CVE	R417182
Copper (Cu)	<0.001		0.001	mg/L		06-JUL-06	CVE	R417182
Molybdenum (Mo)	<0.0001		0.0001	mg/L		06-JUL-06	CVE	R417182
Nickel (Ni)	0.0003		0.0002	mg/L		06-JUL-06	CVE	R417182
Lead (Pb)	<0.0001		0.0001	mg/L		06-JUL-06	CVE	R417182
Antimony (Sb)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Selenium (Se)	0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Tin (Sn)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Strontium (Sr)	0.0111		0.0002	mg/L		06-JUL-06	CVE	R417182
Titanium (Ti)	<0.005		0.005	mg/L		06-JUL-06	CVE	R417182
Thallium (Tl)	<0.0001		0.0001	mg/L		06-JUL-06	CVE	R417182
Uranium (U)	0.0004		0.0001	mg/L		06-JUL-06	CVE	R417182
Vanadium (V)	0.0003		0.0002	mg/L		06-JUL-06	CVE	R417182
Zinc (Zn)	<0.004		0.004	mg/L		06-JUL-06	CVE	R417182
Ultra-Low Metals - Dissolved								
Iron (Fe)	0.007	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0013	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00018	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.001	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.00888	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	12.6	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	0.00041	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00028	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	0.88	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	2.91	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0003	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00008	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	1.11	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	0.00017	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-7 STATION 6								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Ultra-Low Metals - Dissolved								
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0107	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00034	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Ultra-Low Metals								
Iron (Fe)	0.011	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0018	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00017	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.001	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.00860	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	12.4	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00093	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	0.87	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	2.92	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0004	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00007	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	1.08	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	0.00015	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0103	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00033	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Dissolved Metals								
Dissolved Trace Metals								
Silver (Ag)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Aluminum (Al)	<0.01		0.01	mg/L		11-JUL-06	MCHU	R418841
Boron (B)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Barium (Ba)	0.009		0.003	mg/L		11-JUL-06	MCHU	R418841
Beryllium (Be)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cadmium (Cd)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cobalt (Co)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Chromium (Cr)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Copper (Cu)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Molybdenum (Mo)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Nickel (Ni)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Lead (Pb)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Tin (Sn)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Strontium (Sr)	0.011		0.005	mg/L		11-JUL-06	MCHU	R418841
Titanium (Ti)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-7 STATION 6								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Dissolved Metals								
Dissolved Trace Metals								
Thallium (Tl)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Vanadium (V)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Zinc (Zn)	0.002		0.001	mg/L		11-JUL-06	MCHU	R418841
Iron (Fe)-Dissolved	0.006		0.005	mg/L		07-JUL-06	HAS	R417415
Manganese (Mn)-Dissolved	<0.001		0.001	mg/L		07-JUL-06	HAS	R417415
Ammonia-N	<0.005		0.005	mg/L		07-JUL-06	KMY	R417269
Phosphorus, Total	0.002		0.001	mg/L		10-JUL-06	SHC	R418005
Total Organic Carbon	2		1	mg/L		05-JUL-06	ZOW	R416260
Routine Water Analysis								
Chloride (Cl)	2		1	mg/L		05-JUL-06	WYA	R416375
ICP metals and SO4 for routine water								
Calcium (Ca)	14.7		0.5	mg/L		05-JUL-06	MLH	R416394
Potassium (K)	1.2		0.5	mg/L		05-JUL-06	MLH	R416394
Magnesium (Mg)	3.1		0.1	mg/L		05-JUL-06	MLH	R416394
Sodium (Na)	1		1	mg/L		05-JUL-06	MLH	R416394
Sulfate (SO4)	3.6		0.5	mg/L		05-JUL-06	MLH	R416394
Ion Balance Calculation								
Ion Balance	Low EC			%		06-JUL-06		
TDS (Calculated)	53			mg/L		06-JUL-06		
Hardness (as CaCO3)	49			mg/L		06-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrate-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrite-N	<0.05		0.05	mg/L		05-JUL-06	SHC	R416679
pH, Conductivity and Total Alkalinity								
pH	7.9		0.1	pH		05-JUL-06	JPA	R416159
Conductivity (EC)	96.6		0.2	uS/cm		05-JUL-06	JPA	R416159
Bicarbonate (HCO3)	54		5	mg/L		05-JUL-06	JPA	R416159
Carbonate (CO3)	<5		5	mg/L		05-JUL-06	JPA	R416159
Hydroxide (OH)	<5		5	mg/L		05-JUL-06	JPA	R416159
Alkalinity, Total (as CaCO3)	45		5	mg/L		05-JUL-06	JPA	R416159
L406561-8 STATION 7								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	47.8		0.5	mg/L		06-JUL-06	HAS	R416946
Potassium (K)	1.1		0.1	mg/L		06-JUL-06	HAS	R416946
Magnesium (Mg)	6.7		0.1	mg/L		06-JUL-06	HAS	R416946
Sodium (Na)	4		1	mg/L		06-JUL-06	HAS	R416946
Iron (Fe)	0.008		0.005	mg/L		06-JUL-06	HAS	R416946
Manganese (Mn)	<0.001		0.001	mg/L		06-JUL-06	HAS	R416946
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Aluminum (Al)	<0.02		0.02	mg/L		10-JUL-06	CVE	R418463
Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Boron (B)	<0.02		0.02	mg/L		10-JUL-06	CVE	R418463
Barium (Ba)	0.0089		0.0002	mg/L		10-JUL-06	CVE	R418463
Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-06	CVE	R418463
Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-8 STATION 7								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Total Metals								
Total Trace Metals (Low Level)								
Cadmium (Cd)	0.0003		0.0002	mg/L		10-JUL-06	CVE	R418463
Cobalt (Co)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Chromium (Cr)	0.0027		0.0008	mg/L		10-JUL-06	CVE	R418463
Copper (Cu)	<0.001		0.001	mg/L		10-JUL-06	CVE	R418463
Molybdenum (Mo)	0.0002		0.0001	mg/L		10-JUL-06	CVE	R418463
Nickel (Ni)	0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Lead (Pb)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Strontium (Sr)	0.0594		0.0002	mg/L		10-JUL-06	CVE	R418463
Titanium (Ti)	<0.005		0.005	mg/L		10-JUL-06	CVE	R418463
Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Uranium (U)	0.0005		0.0001	mg/L		10-JUL-06	CVE	R418463
Vanadium (V)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Zinc (Zn)	0.006	RAMB	0.004	mg/L		10-JUL-06	CVE	R418463
Ultra-Low Metals - Dissolved								
Iron (Fe)	0.006	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0008	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00017	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.012	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.00796	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	44.9	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00100	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	1.16	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	6.75	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0003	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00017	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	4.33	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0561	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00049	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Ultra-Low Metals								
Iron (Fe)	0.008	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0016	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00017	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.013	ETU	0.001	mg/L		20-JUL-06	CLL	R422201

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-8 STATION 7								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Barium (Ba)	0.00796	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	44.8	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00066	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	1.15	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	6.83	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0004	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00018	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	4.48	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0567	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00049	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	0.00006	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Dissolved Metals								
Dissolved Trace Metals								
Silver (Ag)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Aluminum (Al)	<0.01		0.01	mg/L		11-JUL-06	MCHU	R418841
Boron (B)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Barium (Ba)	0.009		0.003	mg/L		11-JUL-06	MCHU	R418841
Beryllium (Be)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cadmium (Cd)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cobalt (Co)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Chromium (Cr)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Copper (Cu)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Molybdenum (Mo)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Nickel (Ni)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Lead (Pb)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Tin (Sn)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Strontium (Sr)	0.058		0.005	mg/L		11-JUL-06	MCHU	R418841
Titanium (Ti)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Thallium (Tl)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Vanadium (V)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Zinc (Zn)	0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Iron (Fe)-Dissolved	0.006		0.005	mg/L		07-JUL-06	HAS	R417415
Manganese (Mn)-Dissolved	<0.001		0.001	mg/L		07-JUL-06	HAS	R417415
Ammonia-N	0.017		0.005	mg/L		07-JUL-06	KMY	R417269
Phosphorus, Total	0.003		0.001	mg/L		10-JUL-06	SHC	R418005
Total Organic Carbon	4		1	mg/L		05-JUL-06	ZOW	R416260
Routine Water Analysis								
Chloride (Cl)	6		1	mg/L		05-JUL-06	WYA	R416375
ICP metals and SO4 for routine water								

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-8 STATION 7								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Routine Water Analysis								
ICP metals and SO4 for routine water								
Calcium (Ca)	52.5		0.5	mg/L		05-JUL-06	MLH	R416394
Potassium (K)	1.4		0.5	mg/L		05-JUL-06	MLH	R416394
Magnesium (Mg)	7.4		0.1	mg/L		05-JUL-06	MLH	R416394
Sodium (Na)	5		1	mg/L		05-JUL-06	MLH	R416394
Sulfate (SO4)	6.2		0.5	mg/L		05-JUL-06	MLH	R416394
Ion Balance Calculation								
Ion Balance	108			%		06-JUL-06		
TDS (Calculated)	167			mg/L		06-JUL-06		
Hardness (as CaCO3)	162			mg/L		06-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrate-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrite-N	<0.05		0.05	mg/L		05-JUL-06	SHC	R416679
pH, Conductivity and Total Alkalinity								
pH	8.3		0.1	pH		05-JUL-06	JPA	R416159
Conductivity (EC)	298		0.2	uS/cm		05-JUL-06	JPA	R416159
Bicarbonate (HCO3)	178		5	mg/L		05-JUL-06	JPA	R416159
Carbonate (CO3)	<5		5	mg/L		05-JUL-06	JPA	R416159
Hydroxide (OH)	<5		5	mg/L		05-JUL-06	JPA	R416159
Alkalinity, Total (as CaCO3)	148		5	mg/L		05-JUL-06	JPA	R416159
L406561-9 STATION 8								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	27.5		0.5	mg/L		05-JUL-06	HAS	R416410
Potassium (K)	0.6		0.1	mg/L		05-JUL-06	HAS	R416410
Magnesium (Mg)	4.1		0.1	mg/L		05-JUL-06	HAS	R416410
Sodium (Na)	2		1	mg/L		05-JUL-06	HAS	R416410
Iron (Fe)	0.021		0.005	mg/L		05-JUL-06	HAS	R416410
Manganese (Mn)	0.001		0.001	mg/L		05-JUL-06	HAS	R416410
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Aluminum (Al)	<0.02		0.02	mg/L		06-JUL-06	CVE	R417182
Arsenic (As)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Boron (B)	<0.02	RAMB	0.02	mg/L		06-JUL-06	CVE	R417182
Barium (Ba)	0.0057		0.0002	mg/L		06-JUL-06	CVE	R417182
Beryllium (Be)	<0.001		0.001	mg/L		06-JUL-06	CVE	R417182
Bismuth (Bi)	<0.0001		0.0001	mg/L		06-JUL-06	CVE	R417182
Cadmium (Cd)	<0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Cobalt (Co)	<0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Chromium (Cr)	<0.0008		0.0008	mg/L		06-JUL-06	CVE	R417182
Copper (Cu)	<0.001		0.001	mg/L		06-JUL-06	CVE	R417182
Molybdenum (Mo)	<0.0001		0.0001	mg/L		06-JUL-06	CVE	R417182
Nickel (Ni)	<0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Lead (Pb)	<0.0001		0.0001	mg/L		06-JUL-06	CVE	R417182
Antimony (Sb)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Selenium (Se)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Tin (Sn)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Strontium (Sr)	0.0423		0.0002	mg/L		06-JUL-06	CVE	R417182
Titanium (Ti)	<0.005		0.005	mg/L		06-JUL-06	CVE	R417182

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-9 STATION 8								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Total Metals								
Total Trace Metals (Low Level)								
Thallium (Tl)	0.0001		0.0001	mg/L		06-JUL-06	CVE	R417182
Uranium (U)	0.0002		0.0001	mg/L		06-JUL-06	CVE	R417182
Vanadium (V)	<0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Zinc (Zn)	<0.004		0.004	mg/L		06-JUL-06	CVE	R417182
Ultra-Low Metals - Dissolved								
Iron (Fe)	0.009	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	<0.0003	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	<0.001	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	<0.02	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00045	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	<0.02	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	<0.004	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0004	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	<0.005	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Ultra-Low Metals								
Iron (Fe)	0.019	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0041	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00013	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.007	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.00477	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	27.3	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00042	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	0.71	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	4.36	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0012	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00012	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-9 STATION 8								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Sodium (Na)	2.54	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0363	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00020	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	0.00007	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Dissolved Metals								
Dissolved Trace Metals								
Silver (Ag)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Aluminum (Al)	<0.01		0.01	mg/L		11-JUL-06	MCHU	R418841
Boron (B)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Barium (Ba)	0.005		0.003	mg/L		11-JUL-06	MCHU	R418841
Beryllium (Be)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cadmium (Cd)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cobalt (Co)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Chromium (Cr)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Copper (Cu)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Molybdenum (Mo)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Nickel (Ni)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Lead (Pb)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Tin (Sn)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Strontium (Sr)	0.037		0.005	mg/L		11-JUL-06	MCHU	R418841
Titanium (Ti)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Thallium (Tl)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Vanadium (V)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Zinc (Zn)	0.003		0.001	mg/L		11-JUL-06	MCHU	R418841
Iron (Fe)-Dissolved	0.008		0.005	mg/L		07-JUL-06	HAS	R417415
Manganese (Mn)-Dissolved	<0.001		0.001	mg/L		07-JUL-06	HAS	R417415
Ammonia-N	0.032		0.005	mg/L		07-JUL-06	KMY	R417269
Phosphorus, Total	0.006		0.001	mg/L		10-JUL-06	SHC	R418005
Total Organic Carbon	5		1	mg/L		05-JUL-06	ZOW	R416260
Routine Water Analysis								
Chloride (Cl)	5		1	mg/L		05-JUL-06	WYA	R416375
ICP metals and SO4 for routine water								
Calcium (Ca)	31.6		0.5	mg/L		05-JUL-06	MLH	R416394
Potassium (K)	0.7		0.5	mg/L		05-JUL-06	MLH	R416394
Magnesium (Mg)	4.7		0.1	mg/L		05-JUL-06	MLH	R416394
Sodium (Na)	3		1	mg/L		05-JUL-06	MLH	R416394
Sulfate (SO4)	6.0		0.5	mg/L		05-JUL-06	MLH	R416394
Ion Balance Calculation								
Ion Balance	108			%		06-JUL-06		
TDS (Calculated)	101			mg/L		06-JUL-06		
Hardness (as CaCO3)	98			mg/L		06-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrate-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrite-N	<0.05		0.05	mg/L		05-JUL-06	SHC	R416679

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-9 STATION 8								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Routine Water Analysis								
pH, Conductivity and Total Alkalinity								
pH	8.1		0.1	pH		05-JUL-06	JPA	R416159
Conductivity (EC)	188		0.2	uS/cm		05-JUL-06	JPA	R416159
Bicarbonate (HCO3)	103		5	mg/L		05-JUL-06	JPA	R416159
Carbonate (CO3)	<5		5	mg/L		05-JUL-06	JPA	R416159
Hydroxide (OH)	<5		5	mg/L		05-JUL-06	JPA	R416159
Alkalinity, Total (as CaCO3)	84		5	mg/L		05-JUL-06	JPA	R416159
L406561-10 STATION 10								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	38.1		0.5	mg/L		05-JUL-06	HAS	R416410
Potassium (K)	1.3		0.1	mg/L		05-JUL-06	HAS	R416410
Magnesium (Mg)	6.5		0.1	mg/L		05-JUL-06	HAS	R416410
Sodium (Na)	6		1	mg/L		05-JUL-06	HAS	R416410
Iron (Fe)	0.013		0.005	mg/L		05-JUL-06	HAS	R416410
Manganese (Mn)	0.001		0.001	mg/L		05-JUL-06	HAS	R416410
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Aluminum (Al)	<0.02		0.02	mg/L		06-JUL-06	CVE	R417182
Arsenic (As)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Boron (B)	<0.02	RAMB	0.02	mg/L		06-JUL-06	CVE	R417182
Barium (Ba)	0.0109		0.0002	mg/L		06-JUL-06	CVE	R417182
Beryllium (Be)	<0.001		0.001	mg/L		06-JUL-06	CVE	R417182
Bismuth (Bi)	<0.0001		0.0001	mg/L		06-JUL-06	CVE	R417182
Cadmium (Cd)	<0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Cobalt (Co)	<0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Chromium (Cr)	0.0009		0.0008	mg/L		06-JUL-06	CVE	R417182
Copper (Cu)	<0.001		0.001	mg/L		06-JUL-06	CVE	R417182
Molybdenum (Mo)	0.0002		0.0001	mg/L		06-JUL-06	CVE	R417182
Nickel (Ni)	<0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Lead (Pb)	<0.0001		0.0001	mg/L		06-JUL-06	CVE	R417182
Antimony (Sb)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Selenium (Se)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Tin (Sn)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Strontium (Sr)	0.0509		0.0002	mg/L		06-JUL-06	CVE	R417182
Titanium (Ti)	<0.005		0.005	mg/L		06-JUL-06	CVE	R417182
Thallium (Tl)	0.0002		0.0001	mg/L		06-JUL-06	CVE	R417182
Uranium (U)	0.0006		0.0001	mg/L		06-JUL-06	CVE	R417182
Vanadium (V)	0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Zinc (Zn)	<0.004		0.004	mg/L		06-JUL-06	CVE	R417182
Ultra-Low Metals - Dissolved								
Iron (Fe)	0.008	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0007	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00013	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.013	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.00902	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-10 STATION 10								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Ultra-Low Metals - Dissolved								
Calcium (Ca)	37.6	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	0.00006	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00088	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	1.41	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	7.00	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0004	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00034	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	5.73	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0485	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00059	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Ultra-Low Metals								
Iron (Fe)	0.013	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0031	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00015	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.013	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.00901	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	37.3	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00059	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	1.40	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	7.07	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0005	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00032	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	5.82	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0471	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00056	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Dissolved Metals								
Dissolved Trace Metals								
Silver (Ag)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Aluminum (Al)	<0.01		0.01	mg/L		11-JUL-06	MCHU	R418841

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-10 STATION 10								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Dissolved Metals								
Dissolved Trace Metals								
Boron (B)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Barium (Ba)	0.010		0.003	mg/L		11-JUL-06	MCHU	R418841
Beryllium (Be)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cadmium (Cd)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cobalt (Co)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Chromium (Cr)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Copper (Cu)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Molybdenum (Mo)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Nickel (Ni)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Lead (Pb)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Tin (Sn)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Strontium (Sr)	0.049		0.005	mg/L		11-JUL-06	MCHU	R418841
Titanium (Ti)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Thallium (Tl)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Vanadium (V)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Zinc (Zn)	0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Iron (Fe)-Dissolved	0.008		0.005	mg/L		07-JUL-06	HAS	R417415
Manganese (Mn)-Dissolved	<0.001		0.001	mg/L		07-JUL-06	HAS	R417415
Ammonia-N	0.018		0.005	mg/L		07-JUL-06	KMY	R417269
Phosphorus, Total	0.004		0.001	mg/L		10-JUL-06	SHC	R418005
Total Organic Carbon	6		1	mg/L		05-JUL-06	ZOW	R416260
Routine Water Analysis								
Chloride (Cl)	10		1	mg/L		05-JUL-06	WYA	R416375
ICP metals and SO4 for routine water								
Calcium (Ca)	40.2		0.5	mg/L		06-JUL-06	JWU	R416640
Potassium (K)	1.4		0.5	mg/L		06-JUL-06	JWU	R416640
Magnesium (Mg)	7.1		0.1	mg/L		06-JUL-06	JWU	R416640
Sodium (Na)	6		1	mg/L		06-JUL-06	JWU	R416640
Sulfate (SO4)	8.4		0.5	mg/L		06-JUL-06	JWU	R416640
Ion Balance Calculation								
Ion Balance	98.5			%		06-JUL-06		
TDS (Calculated)	148			mg/L		06-JUL-06		
Hardness (as CaCO3)	130			mg/L		06-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrate-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrite-N	<0.05		0.05	mg/L		05-JUL-06	SHC	R416679
pH, Conductivity and Total Alkalinity								
pH	8.3		0.1	pH		05-JUL-06	JPA	R416159
Conductivity (EC)	272		0.2	uS/cm		05-JUL-06	JPA	R416159
Bicarbonate (HCO3)	151		5	mg/L		05-JUL-06	JPA	R416159
Carbonate (CO3)	<5		5	mg/L		05-JUL-06	JPA	R416159
Hydroxide (OH)	<5		5	mg/L		05-JUL-06	JPA	R416159
Alkalinity, Total (as CaCO3)	124		5	mg/L		05-JUL-06	JPA	R416159
L406561-11 STATION 10 DUP								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	38.2		0.5	mg/L		05-JUL-06	HAS	R416410

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-11 STATION 10 DUP								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Potassium (K)	1.3		0.1	mg/L		05-JUL-06	HAS	R416410
Magnesium (Mg)	6.5		0.1	mg/L		05-JUL-06	HAS	R416410
Sodium (Na)	6		1	mg/L		05-JUL-06	HAS	R416410
Iron (Fe)	0.014		0.005	mg/L		05-JUL-06	HAS	R416410
Manganese (Mn)	0.001		0.001	mg/L		05-JUL-06	HAS	R416410
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Aluminum (Al)	<0.02		0.02	mg/L		06-JUL-06	CVE	R417182
Arsenic (As)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Boron (B)	<0.02	RAMB	0.02	mg/L		06-JUL-06	CVE	R417182
Barium (Ba)	0.0106		0.0002	mg/L		06-JUL-06	CVE	R417182
Beryllium (Be)	<0.001		0.001	mg/L		06-JUL-06	CVE	R417182
Bismuth (Bi)	<0.0001		0.0001	mg/L		06-JUL-06	CVE	R417182
Cadmium (Cd)	<0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Cobalt (Co)	<0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Chromium (Cr)	0.0009		0.0008	mg/L		06-JUL-06	CVE	R417182
Copper (Cu)	<0.001		0.001	mg/L		06-JUL-06	CVE	R417182
Molybdenum (Mo)	0.0003		0.0001	mg/L		06-JUL-06	CVE	R417182
Nickel (Ni)	0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Lead (Pb)	0.0002		0.0001	mg/L		06-JUL-06	CVE	R417182
Antimony (Sb)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Selenium (Se)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Tin (Sn)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Strontium (Sr)	0.0520		0.0002	mg/L		06-JUL-06	CVE	R417182
Titanium (Ti)	<0.005		0.005	mg/L		06-JUL-06	CVE	R417182
Thallium (Tl)	0.0002		0.0001	mg/L		06-JUL-06	CVE	R417182
Uranium (U)	0.0006		0.0001	mg/L		06-JUL-06	CVE	R417182
Vanadium (V)	0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Zinc (Zn)	<0.004		0.004	mg/L		06-JUL-06	CVE	R417182
Ultra-Low Metals - Dissolved								
Iron (Fe)	0.007	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0007	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00015	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.013	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.00879	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	36.8	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00078	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	1.39	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	6.96	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0004	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00034	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	5.81	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-11 STATION 10 DUP								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Ultra-Low Metals - Dissolved								
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0476	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00060	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Ultra-Low Metals								
Iron (Fe)	0.016	ETU	0.005	mg/L		26-JUL-06	DDN	R423907
Ultra-Low Metals								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0025	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00015	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.013	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.00887	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	37.0	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00063	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	1.39	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	7.01	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0005	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00033	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	5.67	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0470	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00057	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Dissolved Metals								
Dissolved Trace Metals								
Silver (Ag)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Aluminum (Al)	<0.01		0.01	mg/L		11-JUL-06	MCHU	R418841
Boron (B)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Barium (Ba)	0.010		0.003	mg/L		11-JUL-06	MCHU	R418841
Beryllium (Be)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cadmium (Cd)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cobalt (Co)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Chromium (Cr)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Copper (Cu)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Molybdenum (Mo)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Nickel (Ni)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Lead (Pb)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Tin (Sn)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Strontium (Sr)	0.049		0.005	mg/L		11-JUL-06	MCHU	R418841
Titanium (Ti)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-11 STATION 10 DUP								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Dissolved Metals								
Dissolved Trace Metals								
Thallium (Tl)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Vanadium (V)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Zinc (Zn)	0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Iron (Fe)-Dissolved	0.007		0.005	mg/L		07-JUL-06	HAS	R417415
Manganese (Mn)-Dissolved	<0.001		0.001	mg/L		07-JUL-06	HAS	R417415
Ammonia-N	0.018		0.005	mg/L		07-JUL-06	KMY	R417269
Phosphorus, Total	0.004		0.001	mg/L		10-JUL-06	SHC	R418005
Total Organic Carbon	5		1	mg/L		05-JUL-06	ZOW	R416260
Routine Water Analysis								
Chloride (Cl)	10		1	mg/L		05-JUL-06	WYA	R416375
ICP metals and SO4 for routine water								
Calcium (Ca)	43.8		0.5	mg/L		05-JUL-06	MLH	R416394
Potassium (K)	1.7		0.5	mg/L		05-JUL-06	MLH	R416394
Magnesium (Mg)	7.6		0.1	mg/L		05-JUL-06	MLH	R416394
Sodium (Na)	6		1	mg/L		05-JUL-06	MLH	R416394
Sulfate (SO4)	7.9		0.5	mg/L		05-JUL-06	MLH	R416394
Ion Balance Calculation								
Ion Balance	107			%		06-JUL-06		
TDS (Calculated)	151			mg/L		06-JUL-06		
Hardness (as CaCO3)	141			mg/L		06-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrate-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrite-N	<0.05		0.05	mg/L		05-JUL-06	SHC	R416679
pH, Conductivity and Total Alkalinity								
pH	8.3		0.1	pH		05-JUL-06	JPA	R416159
Conductivity (EC)	273		0.2	uS/cm		05-JUL-06	JPA	R416159
Bicarbonate (HCO3)	150		5	mg/L		05-JUL-06	JPA	R416159
Carbonate (CO3)	<5		5	mg/L		05-JUL-06	JPA	R416159
Hydroxide (OH)	<5		5	mg/L		05-JUL-06	JPA	R416159
Alkalinity, Total (as CaCO3)	123		5	mg/L		05-JUL-06	JPA	R416159
L406561-12 STATION 11								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	21.7		0.5	mg/L		05-JUL-06	HAS	R416410
Potassium (K)	1.0		0.1	mg/L		05-JUL-06	HAS	R416410
Magnesium (Mg)	4.7		0.1	mg/L		05-JUL-06	HAS	R416410
Sodium (Na)	7		1	mg/L		05-JUL-06	HAS	R416410
Iron (Fe)	0.011		0.005	mg/L		05-JUL-06	HAS	R416410
Manganese (Mn)	0.001		0.001	mg/L		05-JUL-06	HAS	R416410
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Aluminum (Al)	<0.02		0.02	mg/L		06-JUL-06	CVE	R417182
Arsenic (As)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Boron (B)	<0.02	RAMB	0.02	mg/L		06-JUL-06	CVE	R417182
Barium (Ba)	0.0094		0.0002	mg/L		06-JUL-06	CVE	R417182
Beryllium (Be)	<0.001		0.001	mg/L		06-JUL-06	CVE	R417182
Bismuth (Bi)	<0.0001		0.0001	mg/L		06-JUL-06	CVE	R417182

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-12 STATION 11								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Total Metals								
Total Trace Metals (Low Level)								
Cadmium (Cd)	<0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Cobalt (Co)	<0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Chromium (Cr)	<0.0008		0.0008	mg/L		06-JUL-06	CVE	R417182
Copper (Cu)	<0.001		0.001	mg/L		06-JUL-06	CVE	R417182
Molybdenum (Mo)	0.0001		0.0001	mg/L		06-JUL-06	CVE	R417182
Nickel (Ni)	<0.0002		0.0002	mg/L		06-JUL-06	CVE	R417182
Lead (Pb)	<0.0001		0.0001	mg/L		06-JUL-06	CVE	R417182
Antimony (Sb)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Selenium (Se)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Tin (Sn)	<0.0004		0.0004	mg/L		06-JUL-06	CVE	R417182
Strontium (Sr)	0.0246		0.0002	mg/L		06-JUL-06	CVE	R417182
Titanium (Ti)	<0.005		0.005	mg/L		06-JUL-06	CVE	R417182
Thallium (Tl)	0.0002		0.0001	mg/L		06-JUL-06	CVE	R417182
Uranium (U)	0.0004		0.0001	mg/L		06-JUL-06	CVE	R417182
Vanadium (V)	0.0004		0.0002	mg/L		06-JUL-06	CVE	R417182
Zinc (Zn)	<0.004		0.004	mg/L		06-JUL-06	CVE	R417182
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005	ETU	0.005	mg/L		27-JUL-06	DDN	R424409
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0007	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00019	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.007	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.00817	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	21.5	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00059	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	1.17	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	5.07	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0004	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00018	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	7.21	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0227	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00040	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Ultra-Low Metals								
Iron (Fe)	0.012	ETU	0.005	mg/L		27-JUL-06	DDN	R424409
Ultra-Low Metals								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0036	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00018	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.008	ETU	0.001	mg/L		20-JUL-06	CLL	R422201

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-12 STATION 11								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Barium (Ba)	0.00814	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	21.2	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00034	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	1.13	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	5.02	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0011	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00018	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	7.10	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0227	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00038	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Dissolved Metals								
Dissolved Trace Metals								
Silver (Ag)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Aluminum (Al)	<0.01		0.01	mg/L		11-JUL-06	MCHU	R418841
Boron (B)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Barium (Ba)	0.009		0.003	mg/L		11-JUL-06	MCHU	R418841
Beryllium (Be)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cadmium (Cd)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cobalt (Co)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Chromium (Cr)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Copper (Cu)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Molybdenum (Mo)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Nickel (Ni)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Lead (Pb)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Tin (Sn)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Strontium (Sr)	0.023		0.005	mg/L		11-JUL-06	MCHU	R418841
Titanium (Ti)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Thallium (Tl)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Vanadium (V)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Zinc (Zn)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Iron (Fe)-Dissolved	<0.005		0.005	mg/L		07-JUL-06	HAS	R417415
Manganese (Mn)-Dissolved	<0.001		0.001	mg/L		07-JUL-06	HAS	R417415
Ammonia-N	0.009		0.005	mg/L		07-JUL-06	KMY	R417269
Phosphorus, Total	0.004		0.001	mg/L		10-JUL-06	SHC	R418005
Total Organic Carbon	3		1	mg/L		05-JUL-06	ZOW	R416260
Routine Water Analysis								
Chloride (Cl)	13		1	mg/L		05-JUL-06	WYA	R416375
ICP metals and SO4 for routine water								

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-12 STATION 11								
Sampled By: SM/TA/KL on 26-JUN-06								
Matrix: WATER								
Routine Water Analysis								
ICP metals and SO4 for routine water								
Calcium (Ca)	25.0		0.5	mg/L		05-JUL-06	MLH	R416394
Potassium (K)	1.4		0.5	mg/L		05-JUL-06	MLH	R416394
Magnesium (Mg)	5.4		0.1	mg/L		05-JUL-06	MLH	R416394
Sodium (Na)	8		1	mg/L		05-JUL-06	MLH	R416394
Sulfate (SO4)	5.2		0.5	mg/L		05-JUL-06	MLH	R416394
Ion Balance Calculation								
Ion Balance	104			%		06-JUL-06		
TDS (Calculated)	104			mg/L		06-JUL-06		
Hardness (as CaCO3)	85			mg/L		06-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrate-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrite-N	<0.05		0.05	mg/L		05-JUL-06	SHC	R416679
pH, Conductivity and Total Alkalinity								
pH	8.1		0.1	pH		05-JUL-06	JPA	R416159
Conductivity (EC)	192		0.2	uS/cm		05-JUL-06	JPA	R416159
Bicarbonate (HCO3)	93		5	mg/L		05-JUL-06	JPA	R416159
Carbonate (CO3)	<5		5	mg/L		05-JUL-06	JPA	R416159
Hydroxide (OH)	<5		5	mg/L		05-JUL-06	JPA	R416159
Alkalinity, Total (as CaCO3)	76		5	mg/L		05-JUL-06	JPA	R416159
L406561-13 STATION 13								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	19.5		0.5	mg/L		06-JUL-06	HAS	R416946
Potassium (K)	1.0		0.1	mg/L		06-JUL-06	HAS	R416946
Magnesium (Mg)	4.0		0.1	mg/L		06-JUL-06	HAS	R416946
Sodium (Na)	1		1	mg/L		06-JUL-06	HAS	R416946
Iron (Fe)	<0.005		0.005	mg/L		06-JUL-06	HAS	R416946
Manganese (Mn)	<0.001		0.001	mg/L		06-JUL-06	HAS	R416946
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Aluminum (Al)	<0.02		0.02	mg/L		10-JUL-06	CVE	R418463
Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Boron (B)	<0.02		0.02	mg/L		10-JUL-06	CVE	R418463
Barium (Ba)	0.0213		0.0002	mg/L		10-JUL-06	CVE	R418463
Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-06	CVE	R418463
Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Cobalt (Co)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Chromium (Cr)	0.0018		0.0008	mg/L		10-JUL-06	CVE	R418463
Copper (Cu)	<0.001		0.001	mg/L		10-JUL-06	CVE	R418463
Molybdenum (Mo)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Nickel (Ni)	0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Lead (Pb)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Strontium (Sr)	0.0144		0.0002	mg/L		10-JUL-06	CVE	R418463
Titanium (Ti)	<0.005		0.005	mg/L		10-JUL-06	CVE	R418463

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-13 STATION 13								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Total Metals								
Total Trace Metals (Low Level)								
Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Uranium (U)	0.0002		0.0001	mg/L		10-JUL-06	CVE	R418463
Vanadium (V)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Zinc (Zn)	<0.004	RAMB	0.004	mg/L		10-JUL-06	CVE	R418463
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005	ETU	0.005	mg/L		27-JUL-06	DDN	R424409
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0030	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00007	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.003	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.0133	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	18.3	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00038	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	0.0008	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	1.10	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	4.04	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00007	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	1.19	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	0.00007	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0140	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00020	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	0.0012	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Ultra-Low Metals								
Iron (Fe)	<0.005	ETU	0.005	mg/L		27-JUL-06	DDN	R424409
Ultra-Low Metals								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0040	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00007	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.003	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.0136	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	18.2	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00030	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	0.0009	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	1.12	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	4.10	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00008	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-13 STATION 13								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Sodium (Na)	1.18	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	0.00009	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0135	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00020	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Dissolved Metals								
Dissolved Trace Metals								
Silver (Ag)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Aluminum (Al)	<0.01		0.01	mg/L		11-JUL-06	MCHU	R418841
Boron (B)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Barium (Ba)	0.015		0.003	mg/L		11-JUL-06	MCHU	R418841
Beryllium (Be)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cadmium (Cd)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cobalt (Co)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Chromium (Cr)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Copper (Cu)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Molybdenum (Mo)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Nickel (Ni)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Lead (Pb)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Tin (Sn)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Strontium (Sr)	0.014		0.005	mg/L		11-JUL-06	MCHU	R418841
Titanium (Ti)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Thallium (Tl)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Vanadium (V)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Zinc (Zn)	0.002		0.001	mg/L		11-JUL-06	MCHU	R418841
Iron (Fe)-Dissolved	<0.005		0.005	mg/L		07-JUL-06	HAS	R417415
Manganese (Mn)-Dissolved	<0.001		0.001	mg/L		07-JUL-06	HAS	R417415
Ammonia-N	<0.005		0.005	mg/L		07-JUL-06	KMY	R417269
Phosphorus, Total	0.001		0.001	mg/L		10-JUL-06	SHC	R418005
Total Organic Carbon	3		1	mg/L		05-JUL-06	ZOW	R416260
Routine Water Analysis								
Chloride (Cl)	2		1	mg/L		05-JUL-06	WYA	R416375
ICP metals and SO4 for routine water								
Calcium (Ca)	21.6		0.5	mg/L		05-JUL-06	MLH	R416394
Potassium (K)	1.4		0.5	mg/L		05-JUL-06	MLH	R416394
Magnesium (Mg)	4.4		0.1	mg/L		05-JUL-06	MLH	R416394
Sodium (Na)	2		1	mg/L		05-JUL-06	MLH	R416394
Sulfate (SO4)	1.1		0.5	mg/L		05-JUL-06	MLH	R416394
Ion Balance Calculation								
Ion Balance	107			%		06-JUL-06		
TDS (Calculated)	74			mg/L		06-JUL-06		
Hardness (as CaCO3)	72			mg/L		06-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrate-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrite-N	<0.05		0.05	mg/L		05-JUL-06	SHC	R416679

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-13 STATION 13								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Routine Water Analysis								
pH, Conductivity and Total Alkalinity								
pH	8.1		0.1	pH		05-JUL-06	JPA	R416159
Conductivity (EC)	133		0.2	uS/cm		05-JUL-06	JPA	R416159
Bicarbonate (HCO3)	84		5	mg/L		05-JUL-06	JPA	R416159
Carbonate (CO3)	<5		5	mg/L		05-JUL-06	JPA	R416159
Hydroxide (OH)	<5		5	mg/L		05-JUL-06	JPA	R416159
Alkalinity, Total (as CaCO3)	69		5	mg/L		05-JUL-06	JPA	R416159
L406561-14 STATION 15								
Sampled By: SM/TA/KL on 28-JUN-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	22.6		0.5	mg/L		06-JUL-06	HAS	R416946
Potassium (K)	0.7		0.1	mg/L		06-JUL-06	HAS	R416946
Magnesium (Mg)	4.6		0.1	mg/L		06-JUL-06	HAS	R416946
Sodium (Na)	3		1	mg/L		06-JUL-06	HAS	R416946
Iron (Fe)	0.029		0.005	mg/L		06-JUL-06	HAS	R416946
Manganese (Mn)	0.002		0.001	mg/L		06-JUL-06	HAS	R416946
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Aluminum (Al)	<0.02		0.02	mg/L		10-JUL-06	CVE	R418463
Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Boron (B)	<0.02		0.02	mg/L		10-JUL-06	CVE	R418463
Barium (Ba)	0.0050		0.0002	mg/L		10-JUL-06	CVE	R418463
Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-06	CVE	R418463
Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Cobalt (Co)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Chromium (Cr)	0.0017		0.0008	mg/L		10-JUL-06	CVE	R418463
Copper (Cu)	<0.001		0.001	mg/L		10-JUL-06	CVE	R418463
Molybdenum (Mo)	0.0002		0.0001	mg/L		10-JUL-06	CVE	R418463
Nickel (Ni)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Lead (Pb)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Strontium (Sr)	0.0354		0.0002	mg/L		10-JUL-06	CVE	R418463
Titanium (Ti)	<0.005		0.005	mg/L		10-JUL-06	CVE	R418463
Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Uranium (U)	0.0002		0.0001	mg/L		10-JUL-06	CVE	R418463
Vanadium (V)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Zinc (Zn)	<0.004	RAMB	0.004	mg/L		10-JUL-06	CVE	R418463
Ultra-Low Metals - Dissolved								
Iron (Fe)	0.016	ETU	0.005	mg/L		27-JUL-06	DDN	R424409
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0003	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00012	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.009	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.00439	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-14 STATION 15								
Sampled By: SM/TA/KL on 28-JUN-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Ultra-Low Metals - Dissolved								
Calcium (Ca)	21.6	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00045	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	0.74	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	4.67	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0014	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00014	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	3.21	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0330	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00021	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Ultra-Low Metals								
Iron (Fe)	0.029	ETU	0.005	mg/L		27-JUL-06	DDN	R424409
Ultra-Low Metals								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Aluminum (Al)	0.0019	ETU	0.0003	mg/L		20-JUL-06	CLL	R422201
Arsenic (As)	0.00013	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Boron (B)	0.009	ETU	0.001	mg/L		20-JUL-06	CLL	R422201
Barium (Ba)	0.00441	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		20-JUL-06	CLL	R422201
Calcium (Ca)	21.0	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Chromium (Cr)	0.00020	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		20-JUL-06	CLL	R422201
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		20-JUL-06	CLL	R422201
Potassium (K)	0.73	ETU	0.02	mg/L		20-JUL-06	CLL	R422201
Magnesium (Mg)	4.65	ETU	0.004	mg/L		20-JUL-06	CLL	R422201
Manganese (Mn)	0.0021	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Molybdenum (Mo)	0.00014	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Sodium (Na)	3.22	ETU	0.005	mg/L		20-JUL-06	CLL	R422201
Nickel (Ni)	<0.00006	ETU	0.00006	mg/L		20-JUL-06	CLL	R422201
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		20-JUL-06	CLL	R422201
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Strontium (Sr)	0.0328	ETU	0.0001	mg/L		20-JUL-06	CLL	R422201
Uranium (U)	0.00020	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Vanadium (V)	<0.00005	ETU	0.00005	mg/L		20-JUL-06	CLL	R422201
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		20-JUL-06	CLL	R422201
Dissolved Metals								
Dissolved Trace Metals								
Silver (Ag)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Aluminum (Al)	<0.01		0.01	mg/L		11-JUL-06	MCHU	R418841

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-14 STATION 15								
Sampled By: SM/TA/KL on 28-JUN-06								
Matrix: WATER								
Dissolved Metals								
Dissolved Trace Metals								
Boron (B)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Barium (Ba)	0.005		0.003	mg/L		11-JUL-06	MCHU	R418841
Beryllium (Be)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cadmium (Cd)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cobalt (Co)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Chromium (Cr)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Copper (Cu)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Molybdenum (Mo)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Nickel (Ni)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Lead (Pb)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Tin (Sn)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Strontium (Sr)	0.034		0.005	mg/L		11-JUL-06	MCHU	R418841
Titanium (Ti)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Thallium (Tl)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Vanadium (V)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Zinc (Zn)	0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Iron (Fe)-Dissolved	0.015		0.005	mg/L		07-JUL-06	HAS	R417415
Manganese (Mn)-Dissolved	0.001		0.001	mg/L		07-JUL-06	HAS	R417415
Ammonia-N	0.023		0.005	mg/L		07-JUL-06	KMY	R417269
Phosphorus, Total	0.006		0.001	mg/L		10-JUL-06	SHC	R418005
Total Organic Carbon	4		1	mg/L		05-JUL-06	ZOW	R416260
Routine Water Analysis								
Chloride (Cl)	6		1	mg/L		05-JUL-06	WYA	R416375
ICP metals and SO4 for routine water								
Calcium (Ca)	25.0		0.5	mg/L		05-JUL-06	MLH	R416394
Potassium (K)	0.9		0.5	mg/L		05-JUL-06	MLH	R416394
Magnesium (Mg)	5.0		0.1	mg/L		05-JUL-06	MLH	R416394
Sodium (Na)	4		1	mg/L		05-JUL-06	MLH	R416394
Sulfate (SO4)	4.0		0.5	mg/L		05-JUL-06	MLH	R416394
Ion Balance Calculation								
Ion Balance	105			%		06-JUL-06		
TDS (Calculated)	90			mg/L		06-JUL-06		
Hardness (as CaCO3)	83			mg/L		06-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrate-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrite-N	<0.05		0.05	mg/L		05-JUL-06	SHC	R416679
pH, Conductivity and Total Alkalinity								
pH	8.1		0.1	pH		05-JUL-06	JPA	R416159
Conductivity (EC)	167		0.2	uS/cm		05-JUL-06	JPA	R416159
Bicarbonate (HCO3)	92		5	mg/L		05-JUL-06	JPA	R416159
Carbonate (CO3)	<5		5	mg/L		05-JUL-06	JPA	R416159
Hydroxide (OH)	<5		5	mg/L		05-JUL-06	JPA	R416159
Alkalinity, Total (as CaCO3)	75		5	mg/L		05-JUL-06	JPA	R416159
L406561-15 STATION 12								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	6.9		0.5	mg/L		06-JUL-06	HAS	R416946

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-15 STATION 12								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Potassium (K)	0.6		0.1	mg/L		06-JUL-06	HAS	R416946
Magnesium (Mg)	1.5		0.1	mg/L		06-JUL-06	HAS	R416946
Sodium (Na)	<1		1	mg/L		06-JUL-06	HAS	R416946
Iron (Fe)	0.007		0.005	mg/L		06-JUL-06	HAS	R416946
Manganese (Mn)	<0.001		0.001	mg/L		06-JUL-06	HAS	R416946
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Aluminum (Al)	<0.02		0.02	mg/L		10-JUL-06	CVE	R418463
Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Boron (B)	<0.02		0.02	mg/L		10-JUL-06	CVE	R418463
Barium (Ba)	0.0060		0.0002	mg/L		10-JUL-06	CVE	R418463
Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-06	CVE	R418463
Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Cobalt (Co)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Chromium (Cr)	0.0010		0.0008	mg/L		10-JUL-06	CVE	R418463
Copper (Cu)	<0.001		0.001	mg/L		10-JUL-06	CVE	R418463
Molybdenum (Mo)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Nickel (Ni)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Lead (Pb)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-06	CVE	R418463
Strontium (Sr)	0.0059		0.0002	mg/L		10-JUL-06	CVE	R418463
Titanium (Ti)	<0.005		0.005	mg/L		10-JUL-06	CVE	R418463
Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Uranium (U)	<0.0001		0.0001	mg/L		10-JUL-06	CVE	R418463
Vanadium (V)	<0.0002		0.0002	mg/L		10-JUL-06	CVE	R418463
Zinc (Zn)	<0.004	RAMB	0.004	mg/L		10-JUL-06	CVE	R418463
Ultra-Low Metals - Dissolved								
Iron (Fe)	0.005	ETU	0.005	mg/L		27-JUL-06	DDN	R424409
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		21-JUL-06	CLL	R423030
Aluminum (Al)	0.0026	ETU	0.0003	mg/L		21-JUL-06	CLL	R423030
Arsenic (As)	0.00006	ETU	0.00003	mg/L		21-JUL-06	CLL	R423030
Boron (B)	0.002	ETU	0.001	mg/L		21-JUL-06	CLL	R423030
Barium (Ba)	0.00559	ETU	0.00005	mg/L		21-JUL-06	CLL	R423030
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		21-JUL-06	CLL	R423030
Calcium (Ca)	6.57	ETU	0.02	mg/L		21-JUL-06	CLL	R423030
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		21-JUL-06	CLL	R423030
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		21-JUL-06	CLL	R423030
Chromium (Cr)	0.00022	ETU	0.00006	mg/L		21-JUL-06	CLL	R423030
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		21-JUL-06	CLL	R423030
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		21-JUL-06	CLL	R423030
Potassium (K)	0.63	ETU	0.02	mg/L		21-JUL-06	CLL	R423030
Magnesium (Mg)	1.60	ETU	0.004	mg/L		21-JUL-06	CLL	R423030
Manganese (Mn)	<0.0001	ETU	0.0001	mg/L		21-JUL-06	CLL	R423030
Molybdenum (Mo)	<0.00006	ETU	0.00006	mg/L		21-JUL-06	CLL	R423030
Sodium (Na)	1.02	ETU	0.005	mg/L		21-JUL-06	CLL	R423030
Nickel (Ni)	0.00007	ETU	0.00006	mg/L		21-JUL-06	CLL	R423030
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		21-JUL-06	CLL	R423030

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-15 STATION 12								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Ultra-Low Metals - Dissolved								
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		21-JUL-06	CLL	R423030
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		21-JUL-06	CLL	R423030
Strontium (Sr)	0.0056	ETU	0.0001	mg/L		21-JUL-06	CLL	R423030
Uranium (U)	0.00007	ETU	0.00005	mg/L		21-JUL-06	CLL	R423030
Vanadium (V)	0.00010	ETU	0.00005	mg/L		21-JUL-06	CLL	R423030
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		21-JUL-06	CLL	R423030
Ultra-Low Metals								
Iron (Fe)	0.010	ETU	0.005	mg/L		27-JUL-06	DDN	R424409
Ultra-Low Metals								
Silver (Ag)	<0.0001	ETU	0.0001	mg/L		21-JUL-06	CLL	R423030
Aluminum (Al)	0.0050	ETU	0.0003	mg/L		21-JUL-06	CLL	R423030
Arsenic (As)	0.00007	ETU	0.00003	mg/L		21-JUL-06	CLL	R423030
Boron (B)	0.002	ETU	0.001	mg/L		21-JUL-06	CLL	R423030
Barium (Ba)	0.00547	ETU	0.00005	mg/L		21-JUL-06	CLL	R423030
Beryllium (Be)	<0.0002	ETU	0.0002	mg/L		21-JUL-06	CLL	R423030
Calcium (Ca)	6.62	ETU	0.02	mg/L		21-JUL-06	CLL	R423030
Cadmium (Cd)	<0.00005	ETU	0.00005	mg/L		21-JUL-06	CLL	R423030
Cobalt (Co)	<0.0001	ETU	0.0001	mg/L		21-JUL-06	CLL	R423030
Chromium (Cr)	0.00021	ETU	0.00006	mg/L		21-JUL-06	CLL	R423030
Copper (Cu)	<0.0006	ETU	0.0006	mg/L		21-JUL-06	CLL	R423030
Mercury (Hg)	<0.00002	ETU	0.00002	mg/L		21-JUL-06	CLL	R423030
Potassium (K)	0.64	ETU	0.02	mg/L		21-JUL-06	CLL	R423030
Magnesium (Mg)	1.62	ETU	0.004	mg/L		21-JUL-06	CLL	R423030
Manganese (Mn)	0.0002	ETU	0.0001	mg/L		21-JUL-06	CLL	R423030
Molybdenum (Mo)	<0.00006	ETU	0.00006	mg/L		21-JUL-06	CLL	R423030
Sodium (Na)	0.999	ETU	0.005	mg/L		21-JUL-06	CLL	R423030
Nickel (Ni)	0.00007	ETU	0.00006	mg/L		21-JUL-06	CLL	R423030
Lead (Pb)	<0.00005	ETU	0.00005	mg/L		21-JUL-06	CLL	R423030
Antimony (Sb)	<0.00003	ETU	0.00003	mg/L		21-JUL-06	CLL	R423030
Selenium (Se)	<0.0001	ETU	0.0001	mg/L		21-JUL-06	CLL	R423030
Strontium (Sr)	0.0055	ETU	0.0001	mg/L		21-JUL-06	CLL	R423030
Uranium (U)	0.00006	ETU	0.00005	mg/L		21-JUL-06	CLL	R423030
Vanadium (V)	0.00010	ETU	0.00005	mg/L		21-JUL-06	CLL	R423030
Zinc (Zn)	<0.0008	ETU	0.0008	mg/L		21-JUL-06	CLL	R423030
Dissolved Metals								
Dissolved Trace Metals								
Silver (Ag)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Aluminum (Al)	<0.01		0.01	mg/L		11-JUL-06	MCHU	R418841
Boron (B)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Barium (Ba)	0.006		0.003	mg/L		11-JUL-06	MCHU	R418841
Beryllium (Be)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cadmium (Cd)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Cobalt (Co)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Chromium (Cr)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Copper (Cu)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Molybdenum (Mo)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Nickel (Ni)	<0.002		0.002	mg/L		11-JUL-06	MCHU	R418841
Lead (Pb)	<0.005		0.005	mg/L		11-JUL-06	MCHU	R418841
Tin (Sn)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Strontium (Sr)	0.006		0.005	mg/L		11-JUL-06	MCHU	R418841
Titanium (Ti)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L406561-15 STATION 12								
Sampled By: SM/TA/KL on 27-JUN-06								
Matrix: WATER								
Dissolved Metals								
Dissolved Trace Metals								
Thallium (Tl)	<0.05		0.05	mg/L		11-JUL-06	MCHU	R418841
Vanadium (V)	<0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Zinc (Zn)	0.001		0.001	mg/L		11-JUL-06	MCHU	R418841
Iron (Fe)-Dissolved	<0.005		0.005	mg/L		07-JUL-06	HAS	R417415
Manganese (Mn)-Dissolved	<0.001		0.001	mg/L		07-JUL-06	HAS	R417415
Ammonia-N	<0.005		0.005	mg/L		07-JUL-06	KMY	R417269
Phosphorus, Total	0.003		0.001	mg/L		10-JUL-06	SHC	R418005
Total Organic Carbon	2		1	mg/L		05-JUL-06	ZOW	R416260
Routine Water Analysis								
Chloride (Cl)	2		1	mg/L		05-JUL-06	WYA	R416375
ICP metals and SO4 for routine water								
Calcium (Ca)	7.8		0.5	mg/L		05-JUL-06	MLH	R416394
Potassium (K)	0.9		0.5	mg/L		05-JUL-06	MLH	R416394
Magnesium (Mg)	1.6		0.1	mg/L		05-JUL-06	MLH	R416394
Sodium (Na)	1		1	mg/L		05-JUL-06	MLH	R416394
Sulfate (SO4)	<0.5		0.5	mg/L		05-JUL-06	MLH	R416394
Ion Balance Calculation								
Ion Balance	Low EC			%		06-JUL-06		
TDS (Calculated)	28			mg/L		06-JUL-06		
Hardness (as CaCO3)	26			mg/L		06-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrate-N	<0.1		0.1	mg/L		05-JUL-06	SHC	R416679
Nitrite-N	<0.05		0.05	mg/L		05-JUL-06	SHC	R416679
pH, Conductivity and Total Alkalinity								
pH	7.7		0.1	pH		05-JUL-06	JPA	R416159
Conductivity (EC)	53.7		0.2	uS/cm		05-JUL-06	JPA	R416159
Bicarbonate (HCO3)	30		5	mg/L		05-JUL-06	JPA	R416159
Carbonate (CO3)	<5		5	mg/L		05-JUL-06	JPA	R416159
Hydroxide (OH)	<5		5	mg/L		05-JUL-06	JPA	R416159
Alkalinity, Total (as CaCO3)	25		5	mg/L		05-JUL-06	JPA	R416159

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

Sample Parameter Qualifier key listed:

Qualifier	Description
ETU	Estimated result: Ultra Low-Level Metals Protocol Compromised.
RAMB	Result Adjusted For Method Blank
RRV	Reported Result Verified By Repeat Analysis

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Preparation Method Reference(Based On)	Analytical Method Reference(Based On)
C-TOT-ORG-ED	Water	Total Organic Carbon		APHA 5310 B-Instrumental
CL-ED	Water	Chloride (Cl)		APHA 4500 Cl E-Colorimetry
ETL-ROUTINE-ICP-ED	Water	ICP metals and SO4 for routine water		APHA 3120 B-ICP-OES
FE-DIS-ED	Water	Iron (Fe)-Dissolved		EPA 200.7
IONBALANCE-ED	Water	Ion Balance Calculation		APHA 1030E
MET1-DIS-ED	Water	Dissolved Trace Metals		EPA 6020
MET1-TOT-LOW-ED	Water	Total Trace Metals (Low Level)	EPA3015	EPA 6020
MET1-ULTRA-DIS-ED	Water	Ultra-Low Metals - Dissolved		EPA 6020
MET1-ULTRA-ED	Water	Ultra-Low Metals		EPA 6020
MET2-TOT-LOW-ED	Water	Total Major Metals	EPA3015	EPA 200.7
MET2-ULTRA-DIS-ED	Water	Major Metals - Dissolved		EPA 200.7
MET2-ULTRA-ED	Water	Major Metals		EPA 200.7
MN-DIS-ED	Water	Manganese (Mn)-Dissolved		EPA 200.7
N2N3-ED	Water	Nitrate+Nitrite-N		APHA 4500 NO3H-Colorimetry
NH4-LOW-ED	Water	Ammonia-N		APHA 4500 NH3F-Colorimetry
NO2-ED	Water	Nitrite-N		APHA 4500 NO2B-Colorimetry
NO3-ED	Water	Nitrate-N		APHA 4500 NO3H-Colorimetry
P-TOTAL-LOW-ED	Water	Phosphorus, Total		APHA 4500 P B,E-Auto-Colorimetry
PH/EC/ALK-ED	Water	pH, Conductivity and Total Alkalinity		APHA 4500-H, 2510, 2320

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.

Chain of Custody numbers:

50261 50262

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
ED	ALS LABORATORY GROUP - EDMONTON, ALBERTA, CANADA		

Reference Information

GLOSSARY OF REPORT TERMS
Surr - A surrogate is an organic compound that is similar to the target analyte(s) in chemical composition and behavior but not normally detected in environmental samples. Prior to sample processing, samples are fortified with one or more surrogate compounds.
The reported surrogate recovery value provides a measure of method efficiency. The Laboratory control limits are determined under column heading D.L.
mg/kg (units) - unit of concentration based on mass, parts per million.
mg/L (units) - unit of concentration based on volume, parts per million.
< - Less than.
D.L. - The reporting limit.
N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
UNLESS OTHERWISE STATED, SAMPLES ARE NOT CORRECTED FOR CLIENT FIELD BLANKS.
Although test results are generated under strict QA/QC protocols, any unsigned test reports, faxes, or emails are considered preliminary.

ALS Laboratory Group has an extensive QA/QC program where all analytical data reported is analyzed using approved referenced procedures followed by checks and reviews by senior managers and quality assurance personnel. However, since the results are obtained from chemical measurements and thus cannot be guaranteed, ALS Laboratory Group assumes no liability for the use or interpretation of the results.

50261

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Calgary, AB #2 - 21 Highfield Circle SE T2G 5N6 Tel: 403-214-5431 Toll Free: 1-866-722-6231 Fax: 403-214-5430
Burlington, ON 5420 Mainway Drive, Unit 5 L7L 6A4 Tel: 905-331-3111 Toll Free: 1-888-257-3684 Fax: 905-331-4567

CHAIN OF CUSTODY FORM

PAGE 1 OF 2

SEND REPORT TO:

CLIENT: EBA Engineering Consultants ATTN.: Steve Moore
ADDRESS: PO Box 2244, #201, 4916-49 Street
CITY: Yellowknife PROV.: NT POSTAL CODE: X1A 2P7
TELEPHONE: (867) 920-2257 FAX: (867) 873-3324 SAMPLER: SM/TA/KL
PROJECT NAME & NO.: Roche Bay PLC 1740183 QUOTE NO.:
PO NO.: ALS CONTACT:
REPORT FORMAT: ☐ HARDCOPY ☑ EMAIL - ADDRESS: smoore@eba.ca tabercrombie@eba.ca
☐ FAX ☑ EXCEL ☑ PDF ☐ OTHER:

L406301

ANALYSIS REQUESTED:

FOR LAB USE ONLY	SAMPLE IDENTIFICATION	DATE / TIME COLLECTED YYYY-MM-DD	TIME	MATRIX	Ultra Low Level Total Metals	Ultra Low Level Dissolved Metals	Routine	Low Level Nutrients	TDC	NOTES (sample specific comments, due dates, etc.)
	Filter Blank	2006/06/28		~~Water~~	✓	✓				
	Field Blank	2006/06/27		Water	✓	✓	✓	✓	✓	
	Trip Blank			"	✓	✓	✓	✓	✓	
	Station 1	2006/06/27		"	✓	✓	✓	✓	✓	
	Station 5	2006/06/26		"	✓	✓	✓	✓	✓	
	Station 5 Dup	2006/06/26		"	✓	✓	✓	✓	✓	
	Station 6	2006/06/26		"	✓	✓	✓	✓	✓	
	Station 7	2006/06/26		"	✓	✓	✓	✓	✓	
	Station 8	2006/06/26		"	✓	✓	✓	✓	✓	
	Station 10	2006/06/27		"	✓	✓	✓	✓	✓	
	Station 10 Dup	2006/06/27		"	✓	✓	✓	✓	✓	
	Station 11	2006/06/26		"	✓	✓	✓	✓	✓	

TURN AROUND REQUIRED: ☑ ROUTINE ☐ **RUSH - SPECIFY DATE:** _____ (surcharge may apply)

SEND INVOICE TO: ☑ SAME AS REPORT **INVOICE FORMAT:** ☑ HARDCOPY ☐ PDF ☐ FAX
☐ DIFFERENT FROM REPORT (provide details below)

SPECIAL INSTRUCTIONS:
CCME Guidelines

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
Kelly Langlois	June 29/06		June 29/06 10:31
RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME

FOR LAB USE ONLY

COOLER SEAL INTACT?	SAMPLE TEMPERATURE: ____°C	COOLING METHOD?
☐ YES ☐ NO ☐ N/A	FROZEN? ☐ YES ☐ NO	☐ ICEPACKS ☐ ICE ☐ NONE

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SEE WHITEPAPER FOR SOURCE VERSIONR_08

50262

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CHAIN OF CUSTODY FORM

SEND REPORT TO:

CLIENT: EBA Engineering Consultants ATTN.: Steve Moore
ADDRESS: #201, 4916-49 Street
CITY: Yellowknife PROV.: NT POSTAL CODE: X1A 2P7
TELEPHONE: (867)920-2287 FAX: (867)873-3324 SAMPLER: SM/TA/KL
PROJECT NAME & NO.: Roche Bay PLC 1740183 QUOTE NO.:
PO NO.: ALS CONTACT:
REPORT FORMAT: ☐ HARDCOPY ☑ EMAIL - ADDRESS:
☐ FAX ☑ EXCEL ☑ PDF ☐ OTHER:

ANALYSIS REQUESTED:

FOR LAB USE ONLY	SAMPLE IDENTIFICATION	DATE / TIME COLLECTED YYYY-MM-DD	TIME	MATRIX	Ultra Low level Total Metals	Ultra Low level Dissolved Metals	Routine	Low level Nutrients	TOC	NOTES (sample specific comments, due dates, etc.)
	Station 13	2006/06/27		Water	✓	✓	✓	✓	✓	
	Station 15	2006/06/28		Water	✓	✓	✓	✓	✓	
	Station 12	2006/06/27		Water	✓	✓	✓	✓	✓	

TURN AROUND REQUIRED: ☑ ROUTINE ☐ **RUSH - SPECIFY DATE:** _____ (surcharge may apply)

SEND INVOICE TO: ☑ SAME AS REPORT **INVOICE FORMAT:** ☑ HARDCOPY ☐ PDF ☐ FAX
☐ DIFFERENT FROM REPORT (provide details below)

SPECIAL INSTRUCTIONS:
LIME Guidelines

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
Kristin Langlois	June 28/06		
RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME

FOR LAB USE ONLY

COOLER SEAL INTACT?	SAMPLE TEMPERATURE: ____ °C	COOLING METHOD?
☐ YES ☐ NO ☐ N/A	FROZEN? ☐ YES ☐ NO	☐ ICEPACKS ☐ ICE ☐ NONE

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ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-1 STATION 1 ROCHE BAY								
Sampled By: SM/KL on 17-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0007		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00020		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.002		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00888		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	15.7		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00088		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	0.93		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	3.56		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0004		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	0.00010		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	0.994		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	0.00008		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00008		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0119		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00015		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008		0.0008	mg/L		02-AUG-06	CLL	R427756
Ultra-Low Metals								
Iron (Fe)	0.014		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0048		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00016		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.002		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00846		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	14.4		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00067		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	0.84		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	3.35		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0014		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	0.930	RRVAP	0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	0.00011		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00007		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-1 STATION 1 ROCHE BAY								
Sampled By: SM/KL on 17-JUL-06								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Strontium (Sr)	0.0111		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00033		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008		0.0008	mg/L		02-AUG-06	CLL	R427756
Ammonia-N	<0.005		0.005	mg/L		27-JUL-06	LDC	R424248
Total Organic Carbon	2		1	mg/L		27-JUL-06	ZOW	R424174
Routine Water Analysis								
Chloride (Cl)	2		1	mg/L		25-JUL-06	WYA	R423446
ICP metals and SO4 for routine water								
Calcium (Ca)	14.5		0.5	mg/L		25-JUL-06	EOC	R423381
Potassium (K)	0.7		0.5	mg/L		25-JUL-06	EOC	R423381
Magnesium (Mg)	3.1		0.1	mg/L		25-JUL-06	EOC	R423381
Sodium (Na)	1		1	mg/L		25-JUL-06	EOC	R423381
Sulfate (SO4)	3.2		0.5	mg/L		25-JUL-06	EOC	R423381
Ion Balance Calculation								
Ion Balance	96.9			%		26-JUL-06		
TDS (Calculated)	53			mg/L		26-JUL-06		
Hardness (as CaCO3)	49			mg/L		26-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrate-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrite-N	<0.05		0.05	mg/L		25-JUL-06	SHC	R423571
pH, Conductivity and Total Alkalinity								
pH	8.0		0.1	pH		25-JUL-06	PTT	R423649
Conductivity (EC)	101		0.2	uS/cm		25-JUL-06	PTT	R423649
Bicarbonate (HCO3)	58		5	mg/L		25-JUL-06	PTT	R423649
Carbonate (CO3)	<5		5	mg/L		25-JUL-06	PTT	R423649
Hydroxide (OH)	<5		5	mg/L		25-JUL-06	PTT	R423649
Alkalinity, Total (as CaCO3)	48		5	mg/L		25-JUL-06	PTT	R423649
L414082-2 STATION 5 ROCHE BAY								
Sampled By: SM/KL on 17-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0007		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00018		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.008		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00909		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	23.7		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00027		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	1.24		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	5.82		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0003		0.0001	mg/L		02-AUG-06	CLL	R427756

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-2 STATION 5 ROCHE BAY								
Sampled By: SM/KL on 17-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Ultra-Low Metals - Dissolved								
Molybdenum (Mo)	0.00021		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	9.54		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00007		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	0.0001		0.0001	mg/L		14-AUG-06	RA	R430134
Strontium (Sr)	0.0255		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00030		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	0.00009		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008		0.0008	mg/L		02-AUG-06	CLL	R427756
Ultra-Low Metals								
Iron (Fe)	0.015		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0043		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00017		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.008		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00843		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	21.8		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00096		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	1.13		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	5.21		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0025		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	0.00018		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	8.63		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00009		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0229		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00032		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	0.00010		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008		0.0008	mg/L		02-AUG-06	CLL	R427756
Ammonia-N	<0.005		0.005	mg/L		27-JUL-06	LDC	R424248
Total Organic Carbon	3		1	mg/L		27-JUL-06	ZOW	R424174
Routine Water Analysis								
Chloride (Cl)	14		1	mg/L		25-JUL-06	WYA	R423446
ICP metals and SO4 for routine water								
Calcium (Ca)	22.1		0.5	mg/L		25-JUL-06	EOC	R423381
Potassium (K)	0.9		0.5	mg/L		25-JUL-06	EOC	R423381
Magnesium (Mg)	5.0		0.1	mg/L		25-JUL-06	EOC	R423381
Sodium (Na)	8		1	mg/L		25-JUL-06	EOC	R423381
Sulfate (SO4)	5.2		0.5	mg/L		25-JUL-06	EOC	R423381
Ion Balance Calculation								

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-2 STATION 5 ROCHE BAY								
Sampled By: SM/KL on 17-JUL-06								
Matrix: WATER								
Routine Water Analysis								
Ion Balance Calculation								
Ion Balance	99.4			%		26-JUL-06		
TDS (Calculated)	97			mg/L		26-JUL-06		
Hardness (as CaCO3)	76			mg/L		26-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrate-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrite-N	<0.05		0.05	mg/L		25-JUL-06	SHC	R423571
pH, Conductivity and Total Alkalinity								
pH	8.1		0.1	pH		25-JUL-06	PTT	R423649
Conductivity (EC)	188		0.2	uS/cm		25-JUL-06	PTT	R423649
Bicarbonate (HCO3)	85		5	mg/L		25-JUL-06	PTT	R423649
Carbonate (CO3)	<5		5	mg/L		25-JUL-06	PTT	R423649
Hydroxide (OH)	<5		5	mg/L		25-JUL-06	PTT	R423649
Alkalinity, Total (as CaCO3)	70		5	mg/L		25-JUL-06	PTT	R423649
L414082-3 STATION 5 DUP ROCHE BAY								
Sampled By: SM/KL on 17-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0006		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00021		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.008		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00913		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	23.3		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00103		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	1.23		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	5.76		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	0.00020		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	8.90		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00009	RRV	0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	0.0001		0.0001	mg/L		14-AUG-06	RA	R430134
Strontium (Sr)	0.0248		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00029		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	0.00008		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008		0.0008	mg/L		02-AUG-06	CLL	R427756
Ultra-Low Metals								
Iron (Fe)	0.016		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0043		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00017		0.00003	mg/L		02-AUG-06	CLL	R427756

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-3 STATION 5 DUP ROCHE BAY								
Sampled By: SM/KL on 17-JUL-06								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Boron (B)	0.008		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00842		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	21.4		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00097		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	1.12		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	5.20		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0024		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	0.00018		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	8.13		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00005		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0226		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00031		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	0.00010		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008		0.0008	mg/L		02-AUG-06	CLL	R427756
Ammonia-N	<0.005		0.005	mg/L		27-JUL-06	LDC	R424248
Total Organic Carbon	3		1	mg/L		27-JUL-06	ZOW	R424174
Routine Water Analysis								
Chloride (Cl)	13		1	mg/L		25-JUL-06	WYA	R423446
ICP metals and SO4 for routine water								
Calcium (Ca)	21.6		0.5	mg/L		25-JUL-06	EOC	R423381
Potassium (K)	1.1		0.5	mg/L		25-JUL-06	EOC	R423381
Magnesium (Mg)	4.9		0.1	mg/L		25-JUL-06	EOC	R423381
Sodium (Na)	8		1	mg/L		25-JUL-06	EOC	R423381
Sulfate (SO4)	4.8		0.5	mg/L		25-JUL-06	EOC	R423381
Ion Balance Calculation								
Ion Balance	101			%		26-JUL-06		
TDS (Calculated)	95			mg/L		26-JUL-06		
Hardness (as CaCO3)	74			mg/L		26-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrate-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrite-N	<0.05		0.05	mg/L		25-JUL-06	SHC	R423571
pH, Conductivity and Total Alkalinity								
pH	8.1		0.1	pH		25-JUL-06	PTT	R423649
Conductivity (EC)	182		0.2	uS/cm		25-JUL-06	PTT	R423649
Bicarbonate (HCO3)	84		5	mg/L		25-JUL-06	PTT	R423649
Carbonate (CO3)	<5		5	mg/L		25-JUL-06	PTT	R423649
Hydroxide (OH)	<5		5	mg/L		25-JUL-06	PTT	R423649
Alkalinity, Total (as CaCO3)	69		5	mg/L		25-JUL-06	PTT	R423649
L414082-4 STATION 6 ROCHE BAY								
Sampled By: SM/KL on 17-JUL-06								
Matrix: WATER								

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-4 STATION 6 ROCHE BAY								
Sampled By: SM/KL on 17-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0010		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00022		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.002		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00909		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	13.1		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00076		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	0.92		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	2.98		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	0.00008		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	1.05		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	0.00011		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00014		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0108		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00010		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008		0.0008	mg/L		02-AUG-06	CLL	R427756
Ultra-Low Metals								
Iron (Fe)	0.007		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0021		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00018		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.002		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00831		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	11.8		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00083		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	0.83		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	2.66		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0004		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	0.00007		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	0.949	RRVAP	0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	0.00013		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00015		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-4 STATION 6 ROCHE BAY								
Sampled By: SM/KL on 17-JUL-06								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Strontium (Sr)	0.0098		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00019		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008		0.0008	mg/L		02-AUG-06	CLL	R427756
Ammonia-N	<0.005		0.005	mg/L		27-JUL-06	LDC	R424248
Total Organic Carbon	2		1	mg/L		27-JUL-06	ZOW	R424174
Routine Water Analysis								
Chloride (Cl)	2		1	mg/L		25-JUL-06	WYA	R423446
ICP metals and SO4 for routine water								
Calcium (Ca)	12.2		0.5	mg/L		25-JUL-06	EOC	R423381
Potassium (K)	0.6		0.5	mg/L		25-JUL-06	EOC	R423381
Magnesium (Mg)	2.6		0.1	mg/L		25-JUL-06	EOC	R423381
Sodium (Na)	1		1	mg/L		25-JUL-06	EOC	R423381
Sulfate (SO4)	2.0		0.5	mg/L		25-JUL-06	EOC	R423381
Ion Balance Calculation								
Ion Balance	Low EC			%		26-JUL-06		
TDS (Calculated)	45			mg/L		26-JUL-06		
Hardness (as CaCO3)	41			mg/L		26-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrate-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrite-N	<0.05		0.05	mg/L		25-JUL-06	SHC	R423571
pH, Conductivity and Total Alkalinity								
pH	8.0		0.1	pH		26-JUL-06	PTT	R423649
Conductivity (EC)	86.3		0.2	uS/cm		26-JUL-06	PTT	R423649
Bicarbonate (HCO3)	50		5	mg/L		26-JUL-06	PTT	R423649
Carbonate (CO3)	<5		5	mg/L		26-JUL-06	PTT	R423649
Hydroxide (OH)	<5		5	mg/L		26-JUL-06	PTT	R423649
Alkalinity, Total (as CaCO3)	41		5	mg/L		26-JUL-06	PTT	R423649
L414082-5 STATION 7 ROCHE BAY								
Sampled By: SM/KL on 17-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0010		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00028		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.010		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00800		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	40.2		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00159		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	1.60		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	9.50		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-5 STATION 7 ROCHE BAY								
Sampled By: SM/KL on 17-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Ultra-Low Metals - Dissolved								
Molybdenum (Mo)	0.00037		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	7.02		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00015		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	0.0004	RRV	0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0625		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00063		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	0.00010		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008		0.0008	mg/L		02-AUG-06	CLL	R427756
Ultra-Low Metals								
Iron (Fe)	0.018		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0066		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00023		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.011		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00743		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	37.5		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00162		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	1.46		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	8.58		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0010		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	0.00033		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	6.44		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00018		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	0.0001	RRV	0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0559		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00054		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	0.00010		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008		0.0008	mg/L		02-AUG-06	CLL	R427756
Ammonia-N	0.014		0.005	mg/L		27-JUL-06	LDC	R424248
Total Organic Carbon	7		1	mg/L		27-JUL-06	ZOW	R424174
Routine Water Analysis								
Chloride (Cl)	8		1	mg/L		25-JUL-06	WYA	R423446
ICP metals and SO4 for routine water								
Calcium (Ca)	37.2		0.5	mg/L		25-JUL-06	EOC	R423381
Potassium (K)	1.2		0.5	mg/L		25-JUL-06	EOC	R423381
Magnesium (Mg)	8.1		0.1	mg/L		25-JUL-06	EOC	R423381
Sodium (Na)	6		1	mg/L		25-JUL-06	EOC	R423381
Sulfate (SO4)	13.4		0.5	mg/L		25-JUL-06	EOC	R423381
Ion Balance Calculation								

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-5 STATION 7 ROCHE BAY								
Sampled By: SM/KL on 17-JUL-06								
Matrix: WATER								
Routine Water Analysis								
Ion Balance Calculation								
Ion Balance	101			%		26-JUL-06		
TDS (Calculated)	142			mg/L		26-JUL-06		
Hardness (as CaCO3)	126			mg/L		26-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrate-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrite-N	<0.05		0.05	mg/L		25-JUL-06	SHC	R423571
pH, Conductivity and Total Alkalinity								
pH	8.3		0.1	pH		26-JUL-06	PTT	R423649
Conductivity (EC)	261		0.2	uS/cm		26-JUL-06	PTT	R423649
Bicarbonate (HCO3)	139		5	mg/L		26-JUL-06	PTT	R423649
Carbonate (CO3)	<5		5	mg/L		26-JUL-06	PTT	R423649
Hydroxide (OH)	<5		5	mg/L		26-JUL-06	PTT	R423649
Alkalinity, Total (as CaCO3)	114		5	mg/L		26-JUL-06	PTT	R423649
L414082-6 STATION 8 ROCHE BAY								
Sampled By: SM on 18-JUL-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	27.4		0.5	mg/L		27-JUL-06	DDN	R424411
Potassium (K)	0.8		0.1	mg/L		27-JUL-06	DDN	R424411
Magnesium (Mg)	4.5		0.1	mg/L		27-JUL-06	DDN	R424411
Sodium (Na)	4		1	mg/L		27-JUL-06	DDN	R424411
Iron (Fe)	0.172		0.005	mg/L		27-JUL-06	DDN	R424411
Manganese (Mn)	0.007		0.001	mg/L		27-JUL-06	DDN	R424411
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		31-JUL-06	QLI	R425868
Aluminum (Al)	0.03		0.02	mg/L		31-JUL-06	QLI	R425868
Arsenic (As)	<0.0004		0.0004	mg/L		31-JUL-06	QLI	R425868
Boron (B)	<0.02		0.02	mg/L		31-JUL-06	QLI	R425868
Barium (Ba)	0.0052		0.0002	mg/L		31-JUL-06	QLI	R425868
Beryllium (Be)	<0.001		0.001	mg/L		31-JUL-06	QLI	R425868
Bismuth (Bi)	<0.0001		0.0001	mg/L		31-JUL-06	QLI	R425868
Cadmium (Cd)	<0.0002		0.0002	mg/L		31-JUL-06	QLI	R425868
Cobalt (Co)	<0.0002		0.0002	mg/L		31-JUL-06	QLI	R425868
Chromium (Cr)	0.0023		0.0008	mg/L		31-JUL-06	QLI	R425868
Copper (Cu)	<0.001		0.001	mg/L		31-JUL-06	QLI	R425868
Molybdenum (Mo)	<0.0001		0.0001	mg/L		31-JUL-06	QLI	R425868
Nickel (Ni)	<0.0002		0.0002	mg/L		31-JUL-06	QLI	R425868
Lead (Pb)	<0.0001		0.0001	mg/L		31-JUL-06	QLI	R425868
Antimony (Sb)	<0.0004		0.0004	mg/L		31-JUL-06	QLI	R425868
Selenium (Se)	<0.0004		0.0004	mg/L		31-JUL-06	QLI	R425868
Tin (Sn)	<0.0004		0.0004	mg/L		31-JUL-06	QLI	R425868
Strontium (Sr)	0.0463		0.0002	mg/L		31-JUL-06	QLI	R425868
Titanium (Ti)	<0.005		0.005	mg/L		31-JUL-06	QLI	R425868
Thallium (Tl)	<0.0001		0.0001	mg/L		31-JUL-06	QLI	R425868
Uranium (U)	0.0001		0.0001	mg/L		31-JUL-06	QLI	R425868
Vanadium (V)	0.0003		0.0002	mg/L		31-JUL-06	QLI	R425868
Zinc (Zn)	<0.004		0.004	mg/L		31-JUL-06	QLI	R425868
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005		0.005	mg/L		08-AUG-06	HAS	R428461

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-6 STATION 8 ROCHE BAY								
Sampled By: SM on 18-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0005		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00014		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.010		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00426		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	25.3		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00107		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	0.79		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	4.79		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0007		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	0.00011		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	4.01		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00009		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0426		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00011		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	0.0024		0.0008	mg/L		02-AUG-06	CLL	R427756
Ammonia-N	<0.005		0.005	mg/L		27-JUL-06	LDC	R424248
Total Organic Carbon	4		1	mg/L		27-JUL-06	ZOW	R424174
Routine Water Analysis								
Chloride (Cl)	6		1	mg/L		25-JUL-06	WYA	R423446
ICP metals and SO4 for routine water								
Calcium (Ca)	27.4		0.5	mg/L		28-JUL-06	EOC	R424703
Potassium (K)	1.4		0.5	mg/L		28-JUL-06	EOC	R424703
Magnesium (Mg)	5.2		0.1	mg/L		28-JUL-06	EOC	R424703
Sodium (Na)	5		1	mg/L		28-JUL-06	EOC	R424703
Sulfate (SO4)	5.8		0.5	mg/L		28-JUL-06	EOC	R424703
Ion Balance Calculation								
Ion Balance	103			%		28-JUL-06		
TDS (Calculated)	102			mg/L		28-JUL-06		
Hardness (as CaCO3)	90			mg/L		28-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrate-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrite-N	<0.05		0.05	mg/L		25-JUL-06	SHC	R423571
pH, Conductivity and Total Alkalinity								
pH	8.2		0.1	pH		26-JUL-06	PTT	R423649
Conductivity (EC)	177		0.2	uS/cm		26-JUL-06	PTT	R423649
Bicarbonate (HCO3)	104		5	mg/L		26-JUL-06	PTT	R423649
Carbonate (CO3)	<5		5	mg/L		26-JUL-06	PTT	R423649
Hydroxide (OH)	<5		5	mg/L		26-JUL-06	PTT	R423649
Alkalinity, Total (as CaCO3)	85		5	mg/L		26-JUL-06	PTT	R423649

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-7 STATION 9 ROCHE BAY								
Sampled By: SM on 19-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0006		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00014		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.007		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00542		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	31.3		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00040		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	1.05		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	6.71		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0004		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	0.00014		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	3.84		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00018		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0479		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00021		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	0.0017	RRVAP	0.0008	mg/L		02-AUG-06	CLL	R427756
Ultra-Low Metals								
Iron (Fe)	0.013		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0014		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00015		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.007		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00553		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	31.1		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00048		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	1.06		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	6.74		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0006		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	0.00014		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	3.86	RRVAP	0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00017		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-7 STATION 9 ROCHE BAY								
Sampled By: SM on 19-JUL-06								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Strontium (Sr)	0.0474		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00021		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008	RRVAP	0.0008	mg/L		02-AUG-06	CLL	R427756
Ammonia-N	0.008		0.005	mg/L		27-JUL-06	LDC	R424248
Total Organic Carbon	7		1	mg/L		27-JUL-06	ZOW	R424174
Routine Water Analysis								
Chloride (Cl)	8		1	mg/L		25-JUL-06	WYA	R423446
ICP metals and SO4 for routine water								
Calcium (Ca)	33.1		0.5	mg/L		26-JUL-06	EOC	R423838
Potassium (K)	1.2		0.5	mg/L		26-JUL-06	EOC	R423838
Magnesium (Mg)	6.5		0.1	mg/L		26-JUL-06	EOC	R423838
Sodium (Na)	4		1	mg/L		26-JUL-06	EOC	R423838
Sulfate (SO4)	10.5		0.5	mg/L		26-JUL-06	EOC	R423838
Ion Balance Calculation								
Ion Balance	103			%		26-JUL-06		
TDS (Calculated)	120			mg/L		26-JUL-06		
Hardness (as CaCO3)	109			mg/L		26-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrate-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrite-N	<0.05		0.05	mg/L		25-JUL-06	SHC	R423571
pH, Conductivity and Total Alkalinity								
pH	8.2		0.1	pH		26-JUL-06	PTT	R423649
Conductivity (EC)	220		0.2	uS/cm		26-JUL-06	PTT	R423649
Bicarbonate (HCO3)	115		5	mg/L		26-JUL-06	PTT	R423649
Carbonate (CO3)	<5		5	mg/L		26-JUL-06	PTT	R423649
Hydroxide (OH)	<5		5	mg/L		26-JUL-06	PTT	R423649
Alkalinity, Total (as CaCO3)	94		5	mg/L		26-JUL-06	PTT	R423649
L414082-8 STATION 9 DUP ROCHE BAY								
Sampled By: SM on 19-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Iron (Fe)	0.006		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0009		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00011		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.007		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00550		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	30.9		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	1.04		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	6.62		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0004		0.0001	mg/L		02-AUG-06	CLL	R427756

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-8 STATION 9 DUP ROCHE BAY								
Sampled By: SM on 19-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Ultra-Low Metals - Dissolved								
Molybdenum (Mo)	0.00014		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	3.80		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00010		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0474		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00020		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	0.0017	RRVAP	0.0008	mg/L		02-AUG-06	CLL	R427756
Ultra-Low Metals								
Iron (Fe)	0.015		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0015		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00014		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.007		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00554		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	33.0		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00139		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	1.10		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	6.87		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0007		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	0.00014		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	3.90	RRVAP	0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00015		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0481		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00022		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008	RRVAP	0.0008	mg/L		02-AUG-06	CLL	R427756
Ammonia-N	0.008		0.005	mg/L		27-JUL-06	LDC	R424248
Total Organic Carbon	6		1	mg/L		27-JUL-06	ZOW	R424174
Routine Water Analysis								
Chloride (Cl)	8		1	mg/L		25-JUL-06	WYA	R423446
ICP metals and SO4 for routine water								
Calcium (Ca)	33.3		0.5	mg/L		26-JUL-06	EOC	R423838
Potassium (K)	1.2		0.5	mg/L		26-JUL-06	EOC	R423838
Magnesium (Mg)	6.6		0.1	mg/L		26-JUL-06	EOC	R423838
Sodium (Na)	4		1	mg/L		26-JUL-06	EOC	R423838
Sulfate (SO4)	10.6		0.5	mg/L		26-JUL-06	EOC	R423838
Ion Balance Calculation								

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-8 STATION 9 DUP ROCHE BAY								
Sampled By: SM on 19-JUL-06								
Matrix: WATER								
Routine Water Analysis								
Ion Balance Calculation								
Ion Balance	102			%		26-JUL-06		
TDS (Calculated)	121			mg/L		26-JUL-06		
Hardness (as CaCO3)	110			mg/L		26-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrate-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrite-N	<0.05		0.05	mg/L		25-JUL-06	SHC	R423571
pH, Conductivity and Total Alkalinity								
pH	8.2		0.1	pH		26-JUL-06	PTT	R423649
Conductivity (EC)	221		0.2	uS/cm		26-JUL-06	PTT	R423649
Bicarbonate (HCO3)	117		5	mg/L		26-JUL-06	PTT	R423649
Carbonate (CO3)	<5		5	mg/L		26-JUL-06	PTT	R423649
Hydroxide (OH)	<5		5	mg/L		26-JUL-06	PTT	R423649
Alkalinity, Total (as CaCO3)	96		5	mg/L		26-JUL-06	PTT	R423649
L414082-9 STATION 10 ROCHE BAY								
Sampled By: SM on 18-JUL-06								
Matrix: WATER								
Total Metals								
Total Major Metals								
Calcium (Ca)	32.3		0.5	mg/L		27-JUL-06	DDN	R424411
Potassium (K)	1.8		0.1	mg/L		27-JUL-06	DDN	R424411
Magnesium (Mg)	7.8		0.1	mg/L		27-JUL-06	DDN	R424411
Sodium (Na)	7		1	mg/L		27-JUL-06	DDN	R424411
Iron (Fe)	0.032		0.005	mg/L		27-JUL-06	DDN	R424411
Manganese (Mn)	0.001		0.001	mg/L		27-JUL-06	DDN	R424411
Total Trace Metals (Low Level)								
Silver (Ag)	<0.0004		0.0004	mg/L		31-JUL-06	QLI	R425868
Aluminum (Al)	<0.02		0.02	mg/L		31-JUL-06	QLI	R425868
Arsenic (As)	<0.0004		0.0004	mg/L		31-JUL-06	QLI	R425868
Boron (B)	<0.02		0.02	mg/L		31-JUL-06	QLI	R425868
Barium (Ba)	0.0089		0.0002	mg/L		31-JUL-06	QLI	R425868
Beryllium (Be)	<0.001		0.001	mg/L		31-JUL-06	QLI	R425868
Bismuth (Bi)	<0.0001		0.0001	mg/L		31-JUL-06	QLI	R425868
Cadmium (Cd)	<0.0002		0.0002	mg/L		31-JUL-06	QLI	R425868
Cobalt (Co)	<0.0002		0.0002	mg/L		31-JUL-06	QLI	R425868
Chromium (Cr)	0.0030		0.0008	mg/L		31-JUL-06	QLI	R425868
Copper (Cu)	<0.001		0.001	mg/L		31-JUL-06	QLI	R425868
Molybdenum (Mo)	0.0003		0.0001	mg/L		31-JUL-06	QLI	R425868
Nickel (Ni)	<0.0002		0.0002	mg/L		31-JUL-06	QLI	R425868
Lead (Pb)	0.0001		0.0001	mg/L		31-JUL-06	QLI	R425868
Antimony (Sb)	<0.0004		0.0004	mg/L		31-JUL-06	QLI	R425868
Selenium (Se)	0.0005		0.0004	mg/L		31-JUL-06	QLI	R425868
Tin (Sn)	<0.0004		0.0004	mg/L		31-JUL-06	QLI	R425868
Strontium (Sr)	0.0555		0.0002	mg/L		31-JUL-06	QLI	R425868
Titanium (Ti)	<0.005		0.005	mg/L		31-JUL-06	QLI	R425868
Thallium (Tl)	<0.0001		0.0001	mg/L		31-JUL-06	QLI	R425868
Uranium (U)	0.0006		0.0001	mg/L		31-JUL-06	QLI	R425868
Vanadium (V)	0.0003		0.0002	mg/L		31-JUL-06	QLI	R425868
Zinc (Zn)	<0.004		0.004	mg/L		31-JUL-06	QLI	R425868
Ultra-Low Metals - Dissolved								
Iron (Fe)	0.005		0.005	mg/L		08-AUG-06	HAS	R428461

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-9 STATION 10 ROCHE BAY								
Sampled By: SM on 18-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0011		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00017		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.012		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00832		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	31.6		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00158		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	1.73		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	8.28		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0006		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	0.00036		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	7.23		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	0.00011		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	0.00028		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00008		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0513		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00053		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	0.0030		0.0008	mg/L		02-AUG-06	CLL	R427756
Ammonia-N	0.008		0.005	mg/L		27-JUL-06	LDC	R424248
Total Organic Carbon	7		1	mg/L		27-JUL-06	ZOW	R424174
Routine Water Analysis								
Chloride (Cl)	11		1	mg/L		25-JUL-06	WYA	R423446
ICP metals and SO4 for routine water								
Calcium (Ca)	33.0		0.5	mg/L		26-JUL-06	EOC	R423838
Potassium (K)	1.9		0.5	mg/L		26-JUL-06	EOC	R423838
Magnesium (Mg)	8.4		0.1	mg/L		26-JUL-06	EOC	R423838
Sodium (Na)	7		1	mg/L		26-JUL-06	EOC	R423838
Sulfate (SO4)	9.7		0.5	mg/L		26-JUL-06	EOC	R423838
Ion Balance Calculation								
Ion Balance	103			%		26-JUL-06		
TDS (Calculated)	134			mg/L		26-JUL-06		
Hardness (as CaCO3)	117			mg/L		26-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrate-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrite-N	<0.05		0.05	mg/L		25-JUL-06	SHC	R423571
pH, Conductivity and Total Alkalinity								
pH	8.2		0.1	pH		26-JUL-06	PTT	R423649
Conductivity (EC)	248		0.2	uS/cm		26-JUL-06	PTT	R423649
Bicarbonate (HCO3)	128		5	mg/L		26-JUL-06	PTT	R423649
Carbonate (CO3)	<5		5	mg/L		26-JUL-06	PTT	R423649
Hydroxide (OH)	<5		5	mg/L		26-JUL-06	PTT	R423649
Alkalinity, Total (as CaCO3)	105		5	mg/L		26-JUL-06	PTT	R423649

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-10 STATION 11 ROCHE BAY								
Sampled By: SM on 17-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0010		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00018		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.007		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00870		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	22.2		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00011		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	1.19		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	5.48		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	0.00021		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	7.05		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00005		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	0.0001		0.0001	mg/L		14-AUG-06	RA	R430134
Strontium (Sr)	0.0229		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00035		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	0.00006		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008		0.0008	mg/L		02-AUG-06	CLL	R427756
Ultra-Low Metals								
Iron (Fe)	0.019		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0069		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00018		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.007		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00796		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	20.2		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00098		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	1.07		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	4.84		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0018		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	0.00017		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	6.33		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00007		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-10 STATION 11 ROCHE BAY								
Sampled By: SM on 17-JUL-06								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Strontium (Sr)	0.0207		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00037		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	0.00008		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008		0.0008	mg/L		02-AUG-06	CLL	R427756
Ammonia-N	<0.005		0.005	mg/L		27-JUL-06	LDC	R424248
Total Organic Carbon	3		1	mg/L		27-JUL-06	ZOW	R424174
Routine Water Analysis								
Chloride (Cl)	9		1	mg/L		25-JUL-06	WYA	R423446
ICP metals and SO4 for routine water								
Calcium (Ca)	21.5		0.5	mg/L		26-JUL-06	EOC	R423838
Potassium (K)	1.1		0.5	mg/L		26-JUL-06	EOC	R423838
Magnesium (Mg)	4.9		0.1	mg/L		26-JUL-06	EOC	R423838
Sodium (Na)	6		1	mg/L		26-JUL-06	EOC	R423838
Sulfate (SO4)	4.2		0.5	mg/L		26-JUL-06	EOC	R423838
Ion Balance Calculation								
Ion Balance	104			%		26-JUL-06		
TDS (Calculated)	88			mg/L		26-JUL-06		
Hardness (as CaCO3)	74			mg/L		26-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrate-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrite-N	<0.05		0.05	mg/L		25-JUL-06	SHC	R423571
pH, Conductivity and Total Alkalinity								
pH	8.1		0.1	pH		26-JUL-06	PTT	R423649
Conductivity (EC)	166		0.2	uS/cm		26-JUL-06	PTT	R423649
Bicarbonate (HCO3)	83		5	mg/L		26-JUL-06	PTT	R423649
Carbonate (CO3)	<5		5	mg/L		26-JUL-06	PTT	R423649
Hydroxide (OH)	<5		5	mg/L		26-JUL-06	PTT	R423649
Alkalinity, Total (as CaCO3)	68		5	mg/L		26-JUL-06	PTT	R423649
L414082-11 STATION 12 ROCHE BAY								
Sampled By: SM on 18-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0050		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00007		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.002		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00853		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	10.5		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00048		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	0.0008		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	0.76		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	2.31		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-11 STATION 12 ROCHE BAY								
Sampled By: SM on 18-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Ultra-Low Metals - Dissolved								
Molybdenum (Mo)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	0.959		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	0.00019		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00015	RRV	0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0087		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00016		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	0.0015		0.0008	mg/L		02-AUG-06	CLL	R427756
Ultra-Low Metals								
Iron (Fe)	0.025		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0189		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00007		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.001		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00865		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	10.4		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00056		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	0.0008		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	0.76		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	2.37		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0005		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	0.943		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	0.00015		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00008	RRV	0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0086		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00019		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	0.00007		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008		0.0008	mg/L		02-AUG-06	CLL	R427756
Ammonia-N	<0.005		0.005	mg/L		27-JUL-06	LDC	R424248
Total Organic Carbon	3		1	mg/L		27-JUL-06	ZOW	R424174
Routine Water Analysis								
Chloride (Cl)	2		1	mg/L		25-JUL-06	WYA	R423446
ICP metals and SO4 for routine water								
Calcium (Ca)	11.5		0.5	mg/L		26-JUL-06	EOC	R423838
Potassium (K)	0.7		0.5	mg/L		26-JUL-06	EOC	R423838
Magnesium (Mg)	2.4		0.1	mg/L		26-JUL-06	EOC	R423838
Sodium (Na)	<1		1	mg/L		26-JUL-06	EOC	R423838
Sulfate (SO4)	<0.5		0.5	mg/L		26-JUL-06	EOC	R423838
Ion Balance Calculation								

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-11 STATION 12 ROCHE BAY								
Sampled By: SM on 18-JUL-06								
Matrix: WATER								
Routine Water Analysis								
Ion Balance Calculation								
Ion Balance	Low EC			%		26-JUL-06		
TDS (Calculated)	40			mg/L		26-JUL-06		
Hardness (as CaCO3)	39			mg/L		26-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrate-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrite-N	<0.05		0.05	mg/L		25-JUL-06	SHC	R423571
pH, Conductivity and Total Alkalinity								
pH	7.9		0.1	pH		26-JUL-06	PTT	R423649
Conductivity (EC)	76.5		0.2	uS/cm		26-JUL-06	PTT	R423649
Bicarbonate (HCO3)	47		5	mg/L		26-JUL-06	PTT	R423649
Carbonate (CO3)	<5		5	mg/L		26-JUL-06	PTT	R423649
Hydroxide (OH)	<5		5	mg/L		26-JUL-06	PTT	R423649
Alkalinity, Total (as CaCO3)	39		5	mg/L		26-JUL-06	PTT	R423649
L414082-12 STATION 12 DUP ROCHE BAY								
Sampled By: SM on 18-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Iron (Fe)	0.005		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0050		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00007		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.002		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00864		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	10.4		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00049		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	0.0007		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	0.73		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	2.27		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	0.933		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	0.00019		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00005		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0087		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00017		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	0.0015		0.0008	mg/L		02-AUG-06	CLL	R427756
Ultra-Low Metals								
Iron (Fe)	0.030		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0282		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00008		0.00003	mg/L		02-AUG-06	CLL	R427756

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-12 STATION 12 DUP ROCHE BAY								
Sampled By: SM on 18-JUL-06								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Boron (B)	0.002		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00883		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	14.6		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00056		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	0.0009		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	0.78		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	2.42		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0008		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	1.07		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	0.00017		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	0.00015		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00010		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0113		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00019		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	0.00008		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	0.0025		0.0008	mg/L		02-AUG-06	CLL	R427756
Ammonia-N	<0.005		0.005	mg/L		27-JUL-06	LDC	R424248
Total Organic Carbon	3		1	mg/L		27-JUL-06	ZOW	R424174
Routine Water Analysis								
Chloride (Cl)	2		1	mg/L		25-JUL-06	WYA	R423446
ICP metals and SO4 for routine water								
Calcium (Ca)	11.3		0.5	mg/L		26-JUL-06	EOC	R423838
Potassium (K)	0.9		0.5	mg/L		26-JUL-06	EOC	R423838
Magnesium (Mg)	2.4		0.1	mg/L		26-JUL-06	EOC	R423838
Sodium (Na)	<1		1	mg/L		26-JUL-06	EOC	R423838
Sulfate (SO4)	<0.5		0.5	mg/L		26-JUL-06	EOC	R423838
Ion Balance Calculation								
Ion Balance	Low EC			%		26-JUL-06		
TDS (Calculated)	39			mg/L		26-JUL-06		
Hardness (as CaCO3)	38			mg/L		26-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrate-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrite-N	<0.05		0.05	mg/L		25-JUL-06	SHC	R423571
pH, Conductivity and Total Alkalinity								
pH	7.9		0.1	pH		26-JUL-06	PTT	R423649
Conductivity (EC)	76.4		0.2	uS/cm		26-JUL-06	PTT	R423649
Bicarbonate (HCO3)	47		5	mg/L		26-JUL-06	PTT	R423649
Carbonate (CO3)	<5		5	mg/L		26-JUL-06	PTT	R423649
Hydroxide (OH)	<5		5	mg/L		26-JUL-06	PTT	R423649
Alkalinity, Total (as CaCO3)	38		5	mg/L		26-JUL-06	PTT	R423649
L414082-13 STATION 13 ROCHE BAY								
Sampled By: SM on 18-JUL-06								
Matrix: WATER								

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-13 STATION 13 ROCHE BAY								
Sampled By: SM on 18-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Iron (Fe)	0.005		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0035		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00008		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.002		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.0137		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	20.3		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00088		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	0.0009		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	0.96		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	4.64		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	1.05		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		21-AUG-06	CLL	R433144
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00008		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0146		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00022		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	0.0025	RRVAP	0.0008	mg/L		02-AUG-06	CLL	R427756
Ultra-Low Metals								
Iron (Fe)	0.012		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0055		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00008		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.002		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.0140		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	20.0		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00086		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	0.0009		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	0.98		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	4.67		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0002		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	1.05		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	0.00010		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00009		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-13 STATION 13 ROCHE BAY								
Sampled By: SM on 18-JUL-06								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Strontium (Sr)	0.0146		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00023		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008	RRVAP	0.0008	mg/L		02-AUG-06	CLL	R427756
Ammonia-N	<0.005		0.005	mg/L		27-JUL-06	LDC	R424248
Total Organic Carbon	4		1	mg/L		27-JUL-06	ZOW	R424174
Routine Water Analysis								
Chloride (Cl)	2		1	mg/L		25-JUL-06	WYA	R423446
ICP metals and SO4 for routine water								
Calcium (Ca)	21.5		0.5	mg/L		26-JUL-06	EOC	R423838
Potassium (K)	1.1		0.5	mg/L		26-JUL-06	EOC	R423838
Magnesium (Mg)	4.7		0.1	mg/L		26-JUL-06	EOC	R423838
Sodium (Na)	<1		1	mg/L		26-JUL-06	EOC	R423838
Sulfate (SO4)	0.5		0.5	mg/L		26-JUL-06	EOC	R423838
Ion Balance Calculation								
Ion Balance	98.6			%		26-JUL-06		
TDS (Calculated)	73			mg/L		26-JUL-06		
Hardness (as CaCO3)	73			mg/L		26-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrate-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrite-N	<0.05		0.05	mg/L		25-JUL-06	SHC	R423571
pH, Conductivity and Total Alkalinity								
pH	8.2		0.1	pH		26-JUL-06	PTT	R423649
Conductivity (EC)	138		0.2	uS/cm		26-JUL-06	PTT	R423649
Bicarbonate (HCO3)	88		5	mg/L		26-JUL-06	PTT	R423649
Carbonate (CO3)	<5		5	mg/L		26-JUL-06	PTT	R423649
Hydroxide (OH)	<5		5	mg/L		26-JUL-06	PTT	R423649
Alkalinity, Total (as CaCO3)	72		5	mg/L		26-JUL-06	PTT	R423649
L414082-14 STATION 15 ROCHE BAY								
Sampled By: SM on 18-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Iron (Fe)	0.015		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0007		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00015		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.010		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00561		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	26.7		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00101		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	1.01		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	6.82		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0006		0.0001	mg/L		02-AUG-06	CLL	R427756

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-14 STATION 15 ROCHE BAY								
Sampled By: SM on 18-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Ultra-Low Metals - Dissolved								
Molybdenum (Mo)	0.00016		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	5.21		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00012		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0444		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00023		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	0.0021	RRVAP	0.0008	mg/L		02-AUG-06	CLL	R427756
Ultra-Low Metals								
Iron (Fe)	0.029		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0020		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	0.00012		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	0.011		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00578		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	28.0		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00101		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	1.05		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	6.97		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0008		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	0.00017		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	5.37		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00017		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0459		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	0.00023		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008	RRVAP	0.0008	mg/L		02-AUG-06	CLL	R427756
Ammonia-N	<0.005		0.005	mg/L		27-JUL-06	LDC	R424248
Total Organic Carbon	5		1	mg/L		27-JUL-06	ZOW	R424174
Routine Water Analysis								
Chloride (Cl)	8		1	mg/L		25-JUL-06	WYA	R423446
ICP metals and SO4 for routine water								
Calcium (Ca)	28.6		0.5	mg/L		26-JUL-06	EOC	R423838
Potassium (K)	1.1		0.5	mg/L		26-JUL-06	EOC	R423838
Magnesium (Mg)	6.6		0.1	mg/L		26-JUL-06	EOC	R423838
Sodium (Na)	5		1	mg/L		26-JUL-06	EOC	R423838
Sulfate (SO4)	5.6		0.5	mg/L		26-JUL-06	EOC	R423838
Ion Balance Calculation								

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-14 STATION 15 ROCHE BAY								
Sampled By: SM on 18-JUL-06								
Matrix: WATER								
Routine Water Analysis								
Ion Balance Calculation								
Ion Balance	102			%		26-JUL-06		
TDS (Calculated)	110			mg/L		26-JUL-06		
Hardness (as CaCO3)	99			mg/L		26-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrate-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrite-N	<0.05		0.05	mg/L		25-JUL-06	SHC	R423571
pH, Conductivity and Total Alkalinity								
pH	8.2		0.1	pH		26-JUL-06	PTT	R423649
Conductivity (EC)	206		0.2	uS/cm		26-JUL-06	PTT	R423649
Bicarbonate (HCO3)	112		5	mg/L		26-JUL-06	PTT	R423649
Carbonate (CO3)	<5		5	mg/L		26-JUL-06	PTT	R423649
Hydroxide (OH)	<5		5	mg/L		26-JUL-06	PTT	R423649
Alkalinity, Total (as CaCO3)	92		5	mg/L		26-JUL-06	PTT	R423649
L414082-15 FIELD BLANK ROCHE BAY								
Sampled By: SM on 18-JUL-06								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	<0.0003		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	<0.00003		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	<0.001		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	0.05		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	<0.02		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	<0.004		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	0.190	RRVAP	0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	0.00007		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00017	RRV	0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	0.0019	RRVAP	0.0008	mg/L		02-AUG-06	CLL	R427756
Ultra-Low Metals								
Iron (Fe)	<0.005		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	<0.0003		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	<0.00003		0.00003	mg/L		02-AUG-06	CLL	R427756

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-15 FIELD BLANK ROCHE BAY								
Sampled By: SM on 18-JUL-06								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Boron (B)	<0.001		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	0.03		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	<0.02		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	<0.004		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	0.187	RRVAP	0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00008	RRV	0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008	RRVAP	0.0008	mg/L		02-AUG-06	CLL	R427756
Ammonia-N	<0.005		0.005	mg/L		27-JUL-06	LDC	R424248
Total Organic Carbon	<1		1	mg/L		27-JUL-06	ZOW	R424174
Routine Water Analysis								
Chloride (Cl)	<1		1	mg/L		25-JUL-06	WYA	R423446
ICP metals and SO4 for routine water								
Calcium (Ca)	<0.5		0.5	mg/L		26-JUL-06	EOC	R423838
Potassium (K)	<0.5		0.5	mg/L		26-JUL-06	EOC	R423838
Magnesium (Mg)	<0.1		0.1	mg/L		26-JUL-06	EOC	R423838
Sodium (Na)	<1		1	mg/L		26-JUL-06	EOC	R423838
Sulfate (SO4)	<0.5		0.5	mg/L		26-JUL-06	EOC	R423838
Ion Balance Calculation								
Ion Balance	Low TDS			%		26-JUL-06		
TDS (Calculated)	<1			mg/L		26-JUL-06		
Hardness (as CaCO3)	<1			mg/L		26-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrate-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrite-N	<0.05		0.05	mg/L		25-JUL-06	SHC	R423571
pH, Conductivity and Total Alkalinity								
pH	6.2		0.1	pH		26-JUL-06	PTT	R423649
Conductivity (EC)	1.4		0.2	uS/cm		26-JUL-06	PTT	R423649
Bicarbonate (HCO3)	<5		5	mg/L		26-JUL-06	PTT	R423649
Carbonate (CO3)	<5		5	mg/L		26-JUL-06	PTT	R423649
Hydroxide (OH)	<5		5	mg/L		26-JUL-06	PTT	R423649
Alkalinity, Total (as CaCO3)	<5		5	mg/L		26-JUL-06	PTT	R423649
L414082-16 TRIP BLANK ROCHE BAY								
Sampled By: NOT PROVIDED								
Matrix: WATER								

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Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-16 TRIP BLANK ROCHE BAY								
Sampled By: NOT PROVIDED								
Matrix: WATER								
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005		0.005	mg/L		02-AUG-06	CLL	R427756
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	<0.0003		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	<0.00003		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	<0.001		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	0.11	RRVAP	0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	<0.02		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	<0.004		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	<0.005		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00014	RRV	0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008		0.0008	mg/L		02-AUG-06	CLL	R427756
Ultra-Low Metals								
Iron (Fe)	<0.005		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	<0.0003		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	<0.00003		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	<0.001		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	<0.02		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	<0.02		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	<0.004		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Molybdenum (Mo)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	<0.005		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00008		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-16 TRIP BLANK ROCHE BAY								
Sampled By: NOT PROVIDED								
Matrix: WATER								
Ultra-Low Metals								
Ultra-Low Metals								
Strontium (Sr)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	<0.0008		0.0008	mg/L		02-AUG-06	CLL	R427756
Ammonia-N	<0.005		0.005	mg/L		27-JUL-06	LDC	R424248
Total Organic Carbon	<1		1	mg/L		27-JUL-06	ZOW	R424174
Routine Water Analysis								
Chloride (Cl)	<1		1	mg/L		25-JUL-06	WYA	R423446
ICP metals and SO4 for routine water								
Calcium (Ca)	<0.5		0.5	mg/L		26-JUL-06	EOC	R423838
Potassium (K)	<0.5		0.5	mg/L		26-JUL-06	EOC	R423838
Magnesium (Mg)	<0.1		0.1	mg/L		26-JUL-06	EOC	R423838
Sodium (Na)	<1		1	mg/L		26-JUL-06	EOC	R423838
Sulfate (SO4)	<0.5		0.5	mg/L		26-JUL-06	EOC	R423838
Ion Balance Calculation								
Ion Balance	Low TDS			%		26-JUL-06		
TDS (Calculated)	<1			mg/L		26-JUL-06		
Hardness (as CaCO3)	<1			mg/L		26-JUL-06		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrate-N	<0.1		0.1	mg/L		25-JUL-06	SHC	R423571
Nitrite-N	<0.05		0.05	mg/L		25-JUL-06	SHC	R423571
pH, Conductivity and Total Alkalinity								
pH	5.6		0.1	pH		26-JUL-06	PTT	R423649
Conductivity (EC)	1.0		0.2	uS/cm		26-JUL-06	PTT	R423649
Bicarbonate (HCO3)	<5		5	mg/L		26-JUL-06	PTT	R423649
Carbonate (CO3)	<5		5	mg/L		26-JUL-06	PTT	R423649
Hydroxide (OH)	<5		5	mg/L		26-JUL-06	PTT	R423649
Alkalinity, Total (as CaCO3)	<5		5	mg/L		26-JUL-06	PTT	R423649
L414082-17 FILTER BLANK								
Sampled By: NOT PROVIDED								
Matrix:								
Ultra-Low Metals - Dissolved								
Iron (Fe)	<0.005		0.005	mg/L		08-AUG-06	HAS	R428461
Ultra-Low Metals - Dissolved								
Silver (Ag)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Aluminum (Al)	0.0008		0.0003	mg/L		02-AUG-06	CLL	R427756
Arsenic (As)	<0.00003		0.00003	mg/L		02-AUG-06	CLL	R427756
Boron (B)	<0.001		0.001	mg/L		02-AUG-06	CLL	R427756
Barium (Ba)	0.00008		0.00005	mg/L		02-AUG-06	CLL	R427756
Beryllium (Be)	<0.0002		0.0002	mg/L		02-AUG-06	CLL	R427756
Calcium (Ca)	0.10		0.02	mg/L		02-AUG-06	CLL	R427756
Cadmium (Cd)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Cobalt (Co)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Chromium (Cr)	0.00018		0.00006	mg/L		02-AUG-06	CLL	R427756
Copper (Cu)	<0.0006		0.0006	mg/L		02-AUG-06	CLL	R427756
Mercury (Hg)	<0.00002		0.00002	mg/L		02-AUG-06	CLL	R427756
Potassium (K)	0.02		0.02	mg/L		02-AUG-06	CLL	R427756
Magnesium (Mg)	<0.004		0.004	mg/L		02-AUG-06	CLL	R427756
Manganese (Mn)	0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L414082-17 FILTER BLANK								
Sampled By: NOT PROVIDED								
Matrix:								
Ultra-Low Metals - Dissolved								
Ultra-Low Metals - Dissolved								
Molybdenum (Mo)	<0.00006		0.00006	mg/L		02-AUG-06	CLL	R427756
Sodium (Na)	0.114		0.005	mg/L		02-AUG-06	CLL	R427756
Nickel (Ni)	0.00033		0.00006	mg/L		02-AUG-06	CLL	R427756
Lead (Pb)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Antimony (Sb)	0.00071		0.00003	mg/L		02-AUG-06	CLL	R427756
Selenium (Se)	<0.0001		0.0001	mg/L		02-AUG-06	CLL	R427756
Strontium (Sr)	0.0003		0.0001	mg/L		02-AUG-06	CLL	R427756
Uranium (U)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Vanadium (V)	<0.00005		0.00005	mg/L		02-AUG-06	CLL	R427756
Zinc (Zn)	0.0046		0.0008	mg/L		02-AUG-06	CLL	R427756

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

Sample Parameter Qualifier key listed:

Qualifier	Description
RRV	Reported Result Verified By Repeat Analysis
RRVAP	Reported Result Verified by Alternate Process

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Preparation Method Reference(Based On)	Analytical Method Reference(Based On)
C-TOT-ORG-ED	Water	Total Organic Carbon		APHA 5310 B-Instrumental
CL-ED	Water	Chloride (Cl)		APHA 4500 Cl E-Colorimetry
ETL-ROUTINE-ICP-ED	Water	ICP metals and SO4 for routine water		APHA 3120 B-ICP-OES
IONBALANCE-ED	Water	Ion Balance Calculation		APHA 1030E
MET1-TOT-LOW-ED	Water	Total Trace Metals (Low Level)	EPA3015	EPA 6020
MET1-ULTRA-DIS-ED	Water	Ultra-Low Metals - Dissolved		EPA 6020
MET1-ULTRA-ED	Water	Ultra-Low Metals		EPA 6020
MET2-TOT-LOW-ED	Water	Total Major Metals	EPA3015	EPA 200.7
MET2-ULTRA-DIS-ED	Water	Major Metals - Dissolved		EPA 200.7
MET2-ULTRA-ED	Water	Major Metals		EPA 200.7
N2N3-ED	Water	Nitrate+Nitrite-N		APHA 4500 NO3H-Colorimetry
NH4-LOW-ED	Water	Ammonia-N		APHA 4500 NH3F-Colorimetry
NO2-ED	Water	Nitrite-N		APHA 4500 NO2B-Colorimetry
NO3-ED	Water	Nitrate-N		APHA 4500 NO3H-Colorimetry
PH/EC/ALK-ED	Water	pH, Conductivity and Total Alkalinity		APHA 4500-H, 2510, 2320

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.

Chain of Custody numbers:

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
ED	ALS LABORATORY GROUP - EDMONTON, ALBERTA, CANADA		

Reference Information

GLOSSARY OF REPORT TERMS
Surr - A surrogate is an organic compound that is similar to the target analyte(s) in chemical composition and behavior but not normally detected in environmental samples. Prior to sample processing, samples are fortified with one or more surrogate compounds.
The reported surrogate recovery value provides a measure of method efficiency. The Laboratory control limits are determined under column heading D.L.
mg/kg (units) - unit of concentration based on mass, parts per million.
mg/L (units) - unit of concentration based on volume, parts per million.
< - Less than.
D.L. - The reporting limit.
N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
UNLESS OTHERWISE STATED, SAMPLES ARE NOT CORRECTED FOR CLIENT FIELD BLANKS.
Although test results are generated under strict QA/QC protocols, any unsigned test reports, faxes, or emails are considered preliminary.

ALS Laboratory Group has an extensive QA/QC program where all analytical data reported is analyzed using approved referenced procedures followed by checks and reviews by senior managers and quality assurance personnel. However, since the results are obtained from chemical measurements and thus cannot be guaranteed, ALS Laboratory Group assumes no liability for the use or interpretation of the results.

PRELIMINARY RESULTS

EBA ENG CONSULTANTS LTD
ATTN: STEVE MOORE
201-4916 49 STREET
YELLOWKNIFE NT X1A 2P7

Reported On: 25-AUG-06 08:29 PM

Lab Work Order #: **L414082**
Date Received: **24-JUL-06**

Project P.O. #:
Job Reference: 1740183
Legal Site Desc:
CofC Numbers:

Other Information:

Comments: L414082-6, -9; Analysis for total metals was changed from ultra low level to low level because samples had too many suspended solids.

ROY JONES
General Manager

For any questions about this report please contact your Account Manager:

CATHERINE EVARISTO-CORDERO

THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN AUTHORITY OF THE LABORATORY.
ALL SAMPLES WILL BE DISPOSED OF AFTER 30 DAYS FOLLOWING ANALYSIS. PLEASE CONTACT THE LAB IF YOU REQUIRE ADDITIONAL SAMPLE STORAGE TIME.

ETL Enviro-Test LABORATORIES

CHAIN OF CUSTODY / ANALYTICAL REQUEST FORM

CANADA TOLL FREE 1-800-668-9878

COC #261063

WWW.ENVIROTEST.COM

DATE: July 21/06

LAB WORK ORDER # L414082

REPORT TO:

COMPANY: EBA Engineering

CONTACT: Steve Moore

ADDRESS: #201, 4916-49 St

Yellowknife, NT

PHONE: (867)920-2287 FAX: (867)873-3324

CELLPHONE:

REPORT DISTRIBUTION ALL FINAL RESULTS WILL BE MAILED

EMAIL ✓ FAX

EMAIL 1: Smoore@eba.ca

EMAIL 2: klanglois@eba.ca

DIGITAL EMAIL:

SELECT: pdf ✓ digital ✓ both ✓

SERVICE REQUESTED

- REGULAR SERVICE (DEFAULT)
- PRIORITY SERVICE (50% SURCHARGE)
- EMERGENCY SERVICE (100% SURCHARGE)

INVOICE TO: SAME (Y) / N

COMPANY:

CONTACT:

ADDRESS:

PHONE: FAX:

JOB # 1740183

PO/AFE:

LSD:

QUOTE #

INDICATE BOTTLES: FILTERED/PRESERVED (F/P) ▶

ANALYSIS REQUEST

SAMPLE ID	SAMPLING LOCATION	SAMPLED BY / DATE / TIME	SAMPLING METHOD	SAMPLE TYPE	Routine	Nutrients	Ultra Low Total Metals	Ultra Low Dissolved Metals	TDC	HAZARDOUS ?	NUMBER OF CONTAINERS	HIGHLY CONTAMINATED ?	LAB SAMPLE #
Station 1	Rocke Bay	SM/16/17 July	Grab	Water	✓	✓	✓	✓	✓				
Station 5	"	"	"	"	✓	✓	✓	✓	✓				
Station 5 Dup	"	"	"	"	✓	✓	✓	✓	✓				
Station 6	"	"	"	"	✓	✓	✓	✓	✓				
Station 7	"	"	"	"	✓	✓	✓	✓	✓				
Station 8	"	SM/18 July	"	"	✓	✓	✓	✓	✓				
Station 9	"	SM/19 July	"	"	✓	✓	✓	✓	✓				
Station 9 Dup	"	SM/19 July	"	"	✓	✓	✓	✓	✓				
Station 10	"	SM/18 July	"	"	✓	✓	✓	✓	✓				
Station 11	"	SM/17 July	"	"	✓	✓	✓	✓	✓				
Station 12	"	SM/18 July	"	"	✓	✓	✓	✓	✓				
Station 12 Dup	"	SM/18 July	"	"	✓	✓	✓	✓	✓				

GUIDELINES / REGULATIONS

SPECIAL INSTRUCTIONS / NATURE OF HAZARDOUS MATERIAL

Dissolved metal samples were not filtered and preserved at station 1, 5, 5 Dup, 6, 7, and 11. Please filter with 0.45 um filter

SAMPLE CONDITION

FROZEN / COLD / AMBIENT

MEAN TEMPERATURE: 10.1

Failure to complete all portions of this form may delay analysis. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the reverse of the white report copy.

RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:	SAMPLE CONDITION ACCEPTABLE UPON RECEIPT ? (Y/N)
Kayla Langlois	July 21/06		24 Jul 06 11:05	
RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:	

ETL Enviro-Test LABORATORIES

CHAIN OF CUSTODY / ANALYTICAL REQUEST FORM

CANADA TOLL FREE 1-800-668-9878

COC # 261064

WWW.ENVIROTEST.COM

Pg. 1 of 2

DATE: July 21/06

LAB WORK ORDER # L414082

REPORT TO:	
COMPANY:	EBA Engineering
CONTACT:	Steve Moore
ADDRESS:	#201, 4916-49 st Yellowknife, NT
PHONE: (867)920-2287	FAX: (867)873-3324
CELLPHONE:	
INVOICE TO:	SAME (Y) / N
COMPANY:	
CONTACT:	
ADDRESS:	
PHONE:	FAX:

REPORT DISTRIBUTION ALL FINAL RESULTS WILL BE MAILED

EMAIL ✓ FAX ___

EMAIL 1: jmoore@eba.ca

EMAIL 2: klanglois@eba.ca

DIGITAL EMAIL: ___

SELECT: pdf ___ digital ___ both ✓

JOB # 1740183

PO/AFE:

LSD:

QUOTE #

INDICATE BOTTLES: FILTERED/PRESERVED (F/P) ▶

SERVICE REQUESTED

- ___ REGULAR SERVICE (DEFAULT)
- ___ PRIORITY SERVICE (50% SURCHARGE)
- ___ EMERGENCY SERVICE (100% SURCHARGE)

ANALYSIS REQUEST

SAMPLE ID	SAMPLING LOCATION	SAMPLED BY / DATE / TIME	SAMPLING METHOD	SAMPLE TYPE	Routine	Nutrients	Ultra Low Total Metals	Ultra Low Dissolved Metals	TOC	HAZARDOUS ?	NUMBER OF CONTAINERS	HIGHLY CONTAMINATED ?	LAB SAMPLE #
Station 13	Rocke Bay	SM/18July	Grab	Water	✓	✓	✓	✓	✓				
Station 15	"	"	"	"	✓	✓	✓	✓	✓				
Field Blank	"	"		"	✓	✓	✓	✓	✓				
Trip Blank	"			"	✓	✓	✓	✓	✓				
Filter Blank													

GUIDELINES / REGULATIONS

SPECIAL INSTRUCTIONS / NATURE OF HAZARDOUS MATERIAL

SAMPLE CONDITION

___ FROZEN ___ COLD ___ AMBIENT

MEAN TEMPERATURE 10.1

Failure to complete all portions of this form may delay analysis. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the reverse of the white report copy.

RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME	SAMPLE CONDITION ACCEPTABLE UPON RECEIPT ? (Y/N)
Karla Langlois	July 21/06		24-Jul06 11:05	
RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:	

REFER TO BACK PAGE FOR SAMPLING INFORMATION & REGIONAL LOCATIONS WHITE - REPORT COPY, PINK - FILE COPY, YELLOW - CLIENT COPY GENF04.01

ANALYTICAL REPORT

EBA ENG CONSULTANTS LTD
ATTN: STEVE MOORE
201-4910 49 STREET
YELLOWKNIFE NT X1A 2P7

Reported On: 07-DEC-07 03:49 PM
Revision: 1

Lab Work Order #: L426575 **Date Received:** 28-AUG-06

Project P.O. #:
Job Reference: 1740183
Legal Site Desc:
CofC Numbers: 261023, 261024

Other Information:

Comments:

CHARLES LEBLANC
General Manager, Edmonton

For any questions about this report please contact your Account Manager:

CATHERINE EVARISTO-CORDERO

THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN AUTHORITY OF THE LABORATORY.
ALL SAMPLES WILL BE DISPOSED OF AFTER 30 DAYS FOLLOWING ANALYSIS. PLEASE CONTACT THE LAB IF YOU REQUIRE ADDITIONAL SAMPLE STORAGE TIME.

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-1	STATION 1 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0011		0.0003	mg/L		30-AUG-06	CLL
		Antimony (Sb)	0.00013		0.00003	mg/L		30-AUG-06	CLL
		Arsenic (As)	0.00019		0.00003	mg/L		30-AUG-06	CLL
		Barium (Ba)	0.0106		0.00005	mg/L		30-AUG-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		30-AUG-06	CLL
		Boron (B)	0.003		0.001	mg/L		30-AUG-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		30-AUG-06	CLL
		Calcium (Ca)	18.7		0.02	mg/L		30-AUG-06	CLL
		Chromium (Cr)	0.00022		0.00006	mg/L		30-AUG-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		30-AUG-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		30-AUG-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		30-AUG-06	CLL
		Magnesium (Mg)	4.72		0.004	mg/L		30-AUG-06	CLL
		Manganese (Mn)	0.0004		0.0001	mg/L		30-AUG-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		30-AUG-06	CLL
		Molybdenum (Mo)	0.00009		0.00006	mg/L		30-AUG-06	CLL
		Nickel (Ni)	0.00006		0.00006	mg/L		30-AUG-06	CLL
		Potassium (K)	1.15		0.02	mg/L		30-AUG-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		30-AUG-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		30-AUG-06	CLL
		Sodium (Na)	1.22		0.005	mg/L		30-AUG-06	CLL
		Strontium (Sr)	0.0152		0.0001	mg/L		30-AUG-06	CLL
		Uranium (U)	0.00053		0.00005	mg/L		30-AUG-06	CLL
		Vanadium (V)	0.00037		0.00005	mg/L		30-AUG-06	CLL
		Zinc (Zn)	0.0020	RRVAP	0.0008	mg/L		31-AUG-06	DDN
		Iron (Fe)	<0.005		0.005	mg/L		31-AUG-06	DDN
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0015		0.0003	mg/L		30-AUG-06	CLL
		Antimony (Sb)	0.00016		0.00003	mg/L		30-AUG-06	CLL
		Arsenic (As)	0.00019		0.00003	mg/L		30-AUG-06	CLL
		Barium (Ba)	0.0104		0.00005	mg/L		30-AUG-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		30-AUG-06	CLL
		Boron (B)	0.002		0.001	mg/L		30-AUG-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		30-AUG-06	CLL
		Calcium (Ca)	18.1		0.02	mg/L		30-AUG-06	CLL
		Chromium (Cr)	0.00094		0.00006	mg/L		30-AUG-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		30-AUG-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		30-AUG-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		30-AUG-06	CLL
		Magnesium (Mg)	4.63		0.004	mg/L		30-AUG-06	CLL
		Manganese (Mn)	0.0010		0.0001	mg/L		30-AUG-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		30-AUG-06	CLL
		Molybdenum (Mo)	0.00009		0.00006	mg/L		30-AUG-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		30-AUG-06	CLL
		Potassium (K)	1.14		0.02	mg/L		30-AUG-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		30-AUG-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		30-AUG-06	CLL
		Sodium (Na)	1.16		0.005	mg/L		30-AUG-06	CLL
		Strontium (Sr)	0.0145		0.0001	mg/L		30-AUG-06	CLL
		Uranium (U)	0.00059		0.00005	mg/L		30-AUG-06	CLL
		Vanadium (V)	0.00037		0.00005	mg/L		30-AUG-06	CLL

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-1	STATION 1 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals								
	Ultra-Low Metals								
		Zinc (Zn)	<0.0008		0.0008	mg/L		30-AUG-06	CLL
		Iron (Fe)	0.011		0.005	mg/L		31-AUG-06	DDN
	Routine Water Analysis								
	ICP metals and SO4 for routine water								
		Calcium (Ca)	19.2		0.5	mg/L		05-SEP-06	MLH
		Magnesium (Mg)	4.1		0.1	mg/L		05-SEP-06	MLH
		Potassium (K)	1.3		0.5	mg/L		05-SEP-06	MLH
		Sodium (Na)	2		1	mg/L		05-SEP-06	MLH
		Sulfate (SO4)	4.9		0.5	mg/L		05-SEP-06	MLH
	Ion Balance Calculation								
		Hardness (as CaCO3)	65			mg/L		06-SEP-06	
		Ion Balance	105			%		06-SEP-06	
		TDS (Calculated)	69			mg/L		06-SEP-06	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	59		5	mg/L		28-AUG-06	PTT
		Bicarbonate (HCO3)	73		5	mg/L		28-AUG-06	PTT
		Carbonate (CO3)	<5		5	mg/L		28-AUG-06	PTT
		Conductivity (EC)	126		0.2	uS/cm		28-AUG-06	PTT
		Hydroxide (OH)	<5		5	mg/L		28-AUG-06	PTT
		pH	8.1		0.1	pH		28-AUG-06	PTT
		Chloride (Cl)	2		1	mg/L		28-AUG-06	NG
		Nitrate+Nitrite-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrate-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrite-N	<0.05		0.05	mg/L		28-AUG-06	KMY
		Ammonia-N	<0.005		0.005	mg/L		30-AUG-06	LDC
		Total Organic Carbon	2		1	mg/L		30-AUG-06	ZOW
L426575-2	STATION 3 ROCHE BAY								
Sampled By:	SM/KL on 23-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0011		0.0003	mg/L		30-AUG-06	CLL
		Antimony (Sb)	0.00017		0.00003	mg/L		30-AUG-06	CLL
		Arsenic (As)	0.00007		0.00003	mg/L		30-AUG-06	CLL
		Barium (Ba)	0.00847		0.00005	mg/L		30-AUG-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		30-AUG-06	CLL
		Boron (B)	0.002		0.001	mg/L		30-AUG-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		30-AUG-06	CLL
		Calcium (Ca)	10.8		0.02	mg/L		30-AUG-06	CLL
		Chromium (Cr)	0.00063		0.00006	mg/L		30-AUG-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		30-AUG-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		30-AUG-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		30-AUG-06	CLL
		Magnesium (Mg)	2.64		0.004	mg/L		30-AUG-06	CLL
		Manganese (Mn)	0.0002		0.0001	mg/L		30-AUG-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		30-AUG-06	CLL
		Molybdenum (Mo)	0.00008		0.00006	mg/L		30-AUG-06	CLL
		Nickel (Ni)	0.00008		0.00006	mg/L		30-AUG-06	CLL
		Potassium (K)	0.84		0.02	mg/L		30-AUG-06	CLL

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-2	STATION 3 ROCHE BAY								
Sampled By:	SM/KL on 23-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Selenium (Se)	<0.0001		0.0001	mg/L		30-AUG-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		30-AUG-06	CLL
		Sodium (Na)	1.10		0.005	mg/L		30-AUG-06	CLL
		Strontium (Sr)	0.0090		0.0001	mg/L		30-AUG-06	CLL
		Uranium (U)	0.00032		0.00005	mg/L		30-AUG-06	CLL
		Vanadium (V)	0.00035		0.00005	mg/L		30-AUG-06	CLL
		Zinc (Zn)	0.0010		0.0008	mg/L		31-AUG-06	DDN
		Iron (Fe)	<0.005		0.005	mg/L		31-AUG-06	DDN
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0019		0.0003	mg/L		30-AUG-06	CLL
		Antimony (Sb)	0.00019		0.00003	mg/L		30-AUG-06	CLL
		Arsenic (As)	0.00007		0.00003	mg/L		30-AUG-06	CLL
		Barium (Ba)	0.00861		0.00005	mg/L		30-AUG-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		30-AUG-06	CLL
		Boron (B)	0.002		0.001	mg/L		30-AUG-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		30-AUG-06	CLL
		Calcium (Ca)	10.9		0.02	mg/L		30-AUG-06	CLL
		Chromium (Cr)	0.00063		0.00006	mg/L		30-AUG-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		30-AUG-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		30-AUG-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		30-AUG-06	CLL
		Magnesium (Mg)	2.70		0.004	mg/L		30-AUG-06	CLL
		Manganese (Mn)	0.0007		0.0001	mg/L		30-AUG-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		30-AUG-06	CLL
		Molybdenum (Mo)	0.00008		0.00006	mg/L		30-AUG-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		30-AUG-06	CLL
		Potassium (K)	0.89		0.02	mg/L		30-AUG-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		30-AUG-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		30-AUG-06	CLL
		Sodium (Na)	1.10		0.005	mg/L		30-AUG-06	CLL
		Strontium (Sr)	0.0091		0.0001	mg/L		30-AUG-06	CLL
		Uranium (U)	0.00036		0.00005	mg/L		30-AUG-06	CLL
		Vanadium (V)	0.00034		0.00005	mg/L		30-AUG-06	CLL
		Zinc (Zn)	<0.0008		0.0008	mg/L		31-AUG-06	DDN
		Iron (Fe)	<0.005		0.005	mg/L		31-AUG-06	DDN
	Routine Water Analysis								
	ICP metals and SO4 for routine water								
		Calcium (Ca)	11.9		0.5	mg/L		05-SEP-06	MLH
		Magnesium (Mg)	2.4		0.1	mg/L		05-SEP-06	MLH
		Potassium (K)	1.2		0.5	mg/L		05-SEP-06	MLH
		Sodium (Na)	1		1	mg/L		05-SEP-06	MLH
		Sulfate (SO4)	1.1		0.5	mg/L		05-SEP-06	MLH
	Ion Balance Calculation								
		Hardness (as CaCO3)	40			mg/L		06-SEP-06	
		Ion Balance	Low EC			%		06-SEP-06	
		TDS (Calculated)	42			mg/L		06-SEP-06	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	38		5	mg/L		28-AUG-06	PTT
		Bicarbonate (HCO3)	47		5	mg/L		28-AUG-06	PTT
		Carbonate (CO3)	<5		5	mg/L		28-AUG-06	PTT
		Conductivity (EC)	79.6		0.2	uS/cm		28-AUG-06	PTT

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-2	STATION 3 ROCHE BAY								
Sampled By:	SM/KL on 23-AUG-06								
Matrix:	WATER								
	Routine Water Analysis								
	pH, Conductivity and Total Alkalinity								
		Hydroxide (OH)	<5		5	mg/L		28-AUG-06	PTT
		pH	7.9		0.1	pH		28-AUG-06	PTT
		Chloride (Cl)	2		1	mg/L		28-AUG-06	NG
		Nitrate+Nitrite-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrate-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrite-N	<0.05		0.05	mg/L		28-AUG-06	KMY
		Ammonia-N	<0.005		0.005	mg/L		30-AUG-06	LDC
		Total Organic Carbon	2		1	mg/L		30-AUG-06	ZOW
L426575-3	STATION 5 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0007		0.0003	mg/L		30-AUG-06	CLL
		Antimony (Sb)	0.00023		0.00003	mg/L		30-AUG-06	CLL
		Arsenic (As)	0.00025		0.00003	mg/L		30-AUG-06	CLL
		Barium (Ba)	0.00925		0.00005	mg/L		30-AUG-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		30-AUG-06	CLL
		Boron (B)	0.009		0.001	mg/L		30-AUG-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		30-AUG-06	CLL
		Calcium (Ca)	22.5		0.02	mg/L		30-AUG-06	CLL
		Chromium (Cr)	0.00021		0.00006	mg/L		30-AUG-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		30-AUG-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		30-AUG-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		30-AUG-06	CLL
		Magnesium (Mg)	6.00		0.004	mg/L		30-AUG-06	CLL
		Manganese (Mn)	0.0004		0.0001	mg/L		30-AUG-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		30-AUG-06	CLL
		Molybdenum (Mo)	0.00022		0.00006	mg/L		30-AUG-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		30-AUG-06	CLL
		Potassium (K)	1.26		0.02	mg/L		30-AUG-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		30-AUG-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		30-AUG-06	CLL
		Sodium (Na)	9.00		0.005	mg/L		30-AUG-06	CLL
		Strontium (Sr)	0.0243		0.0001	mg/L		30-AUG-06	CLL
		Uranium (U)	0.00035		0.00005	mg/L		30-AUG-06	CLL
		Vanadium (V)	0.00038		0.00005	mg/L		30-AUG-06	CLL
		Zinc (Zn)	<0.0008		0.0008	mg/L		31-AUG-06	DDN
		Iron (Fe)	<0.005		0.005	mg/L		31-AUG-06	DDN
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0017		0.0003	mg/L		30-AUG-06	CLL
		Antimony (Sb)	0.00018		0.00003	mg/L		30-AUG-06	CLL
		Arsenic (As)	0.00026		0.00003	mg/L		30-AUG-06	CLL
		Barium (Ba)	0.00944		0.00005	mg/L		30-AUG-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		30-AUG-06	CLL
		Boron (B)	0.008		0.001	mg/L		30-AUG-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		30-AUG-06	CLL
		Calcium (Ca)	22.0		0.02	mg/L		30-AUG-06	CLL
		Chromium (Cr)	0.00019		0.00006	mg/L		30-AUG-06	CLL

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-3	STATION 5 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals								
	Ultra-Low Metals								
		Cobalt (Co)	<0.0001		0.0001	mg/L		30-AUG-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		30-AUG-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		30-AUG-06	CLL
		Magnesium (Mg)	5.92		0.004	mg/L		30-AUG-06	CLL
		Manganese (Mn)	0.0034		0.0001	mg/L		30-AUG-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		30-AUG-06	CLL
		Molybdenum (Mo)	0.00022		0.00006	mg/L		30-AUG-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		30-AUG-06	CLL
		Potassium (K)	1.27		0.02	mg/L		30-AUG-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		30-AUG-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		30-AUG-06	CLL
		Sodium (Na)	8.82		0.005	mg/L		30-AUG-06	CLL
		Strontium (Sr)	0.0244		0.0001	mg/L		30-AUG-06	CLL
		Uranium (U)	0.00038		0.00005	mg/L		30-AUG-06	CLL
		Vanadium (V)	0.00039		0.00005	mg/L		30-AUG-06	CLL
		Zinc (Zn)	<0.0008		0.0008	mg/L		30-AUG-06	CLL
		Iron (Fe)	0.014		0.005	mg/L		31-AUG-06	DDN
	Routine Water Analysis								
	ICP metals and SO4 for routine water								
		Calcium (Ca)	24.0		0.5	mg/L		05-SEP-06	MLH
		Magnesium (Mg)	5.3		0.1	mg/L		05-SEP-06	MLH
		Potassium (K)	1.4		0.5	mg/L		05-SEP-06	MLH
		Sodium (Na)	8		1	mg/L		05-SEP-06	MLH
		Sulfate (SO4)	5.2		0.5	mg/L		05-SEP-06	MLH
	Ion Balance Calculation								
		Hardness (as CaCO3)	82			mg/L		06-SEP-06	
		Ion Balance	104			%		06-SEP-06	
		TDS (Calculated)	101			mg/L		06-SEP-06	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	73		5	mg/L		28-AUG-06	PTT
		Bicarbonate (HCO3)	89		5	mg/L		28-AUG-06	PTT
		Carbonate (CO3)	<5		5	mg/L		28-AUG-06	PTT
		Conductivity (EC)	189		0.2	uS/cm		28-AUG-06	PTT
		Hydroxide (OH)	<5		5	mg/L		28-AUG-06	PTT
		pH	8.2		0.1	pH		28-AUG-06	PTT
		Chloride (Cl)	13		1	mg/L		28-AUG-06	NG
		Nitrate+Nitrite-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrate-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrite-N	<0.05		0.05	mg/L		28-AUG-06	KMY
		Ammonia-N	<0.005		0.005	mg/L		30-AUG-06	LDC
		Total Organic Carbon	2		1	mg/L		30-AUG-06	ZOW
L426575-4	STATION 6 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0021		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00021		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00025		0.00003	mg/L		01-SEP-06	CLL

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-4	STATION 6 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Barium (Ba)	0.0117		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.003		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	19.9		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00087		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	4.30		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	0.0005		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00013		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	1.12		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	1.45		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0162		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00075		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	0.0025	RRV	0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	0.006		0.005	mg/L		06-SEP-06	HAS
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0024		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00025		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00026		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.0119		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.003		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	19.8		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00077		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	0.00018		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	4.35		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	0.0008		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00013		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	1.14		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	1.48		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0165		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00079		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	<0.0008	RRV	0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	0.016		0.005	mg/L		06-SEP-06	HAS
	Routine Water Analysis								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-4	STATION 6 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Routine Water Analysis								
	ICP metals and SO4 for routine water								
		Calcium (Ca)	21.6		0.5	mg/L		05-SEP-06	MLH
		Magnesium (Mg)	4.4		0.1	mg/L		05-SEP-06	MLH
		Potassium (K)	1.3		0.5	mg/L		05-SEP-06	MLH
		Sodium (Na)	2		1	mg/L		05-SEP-06	MLH
		Sulfate (SO4)	4.7		0.5	mg/L		05-SEP-06	MLH
	Ion Balance Calculation								
		Hardness (as CaCO3)	72			mg/L		06-SEP-06	
		Ion Balance	102			%		06-SEP-06	
		TDS (Calculated)	77			mg/L		06-SEP-06	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	67		5	mg/L		28-AUG-06	PTT
		Bicarbonate (HCO3)	82		5	mg/L		28-AUG-06	PTT
		Carbonate (CO3)	<5		5	mg/L		28-AUG-06	PTT
		Conductivity (EC)	142		0.2	uS/cm		28-AUG-06	PTT
		Hydroxide (OH)	<5		5	mg/L		28-AUG-06	PTT
		pH	8.1		0.1	pH		28-AUG-06	PTT
		Chloride (Cl)	3		1	mg/L		28-AUG-06	NG
		Nitrate+Nitrite-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrate-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrite-N	<0.05		0.05	mg/L		28-AUG-06	KMY
		Ammonia-N	<0.005		0.005	mg/L		30-AUG-06	LDC
		Total Organic Carbon	2		1	mg/L		30-AUG-06	ZOW
L426575-5	STATION 7 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0007		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00023		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00017		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.0114		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.016		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	64.5		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00250		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	0.00008		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	12.1		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	0.0005		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00031		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	1.87		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	8.92		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0912		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00084		0.00005	mg/L		01-SEP-06	CLL

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-5	STATION 7 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Vanadium (V)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	0.0026	RRV	0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	0.005		0.005	mg/L		06-SEP-06	HAS
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0007		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00024		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00017		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.0115		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.016		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	65.9		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00256		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	12.3		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	0.0005		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00031		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	1.95		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	9.27		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0924		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00091		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	<0.0008	RRV	0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	0.007		0.005	mg/L		06-SEP-06	HAS
	Routine Water Analysis								
	ICP metals and SO4 for routine water								
		Calcium (Ca)	69.0		0.5	mg/L		05-SEP-06	MLH
		Magnesium (Mg)	12.6		0.1	mg/L		05-SEP-06	MLH
		Potassium (K)	1.7		0.5	mg/L		05-SEP-06	MLH
		Sodium (Na)	9		1	mg/L		05-SEP-06	MLH
		Sulfate (SO4)	23.4		0.5	mg/L		05-SEP-06	MLH
	Ion Balance Calculation								
		Hardness (as CaCO3)	224			mg/L		06-SEP-06	
		Ion Balance	107			%		06-SEP-06	
		TDS (Calculated)	244			mg/L		06-SEP-06	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	193		5	mg/L		28-AUG-06	PTT
		Bicarbonate (HCO3)	229		5	mg/L		28-AUG-06	PTT
		Carbonate (CO3)	<5		5	mg/L		28-AUG-06	PTT
		Conductivity (EC)	421		0.2	uS/cm		28-AUG-06	PTT
		Hydroxide (OH)	<5		5	mg/L		28-AUG-06	PTT
		pH	8.4		0.1	pH		28-AUG-06	PTT
	Chloride (Cl)		12		1	mg/L		28-AUG-06	NG
	Nitrate+Nitrite-N		<0.1		0.1	mg/L		28-AUG-06	KMY

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-5	STATION 7 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Routine Water Analysis								
		Nitrate-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrite-N	<0.05		0.05	mg/L		28-AUG-06	KMY
		Ammonia-N	<0.005		0.005	mg/L		30-AUG-06	LDC
		Total Organic Carbon	4		1	mg/L		30-AUG-06	ZOW
L426575-6	STATION 8 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0006		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00023	RRV	0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00017		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.00599		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.009		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	34.1		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00135		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	7.84		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	0.0005		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00016		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	1.25		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	4.46		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0569		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00024		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	0.0027	RRV	0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	0.008		0.005	mg/L		06-SEP-06	HAS
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0019		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00015	RRV	0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00017		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.00623		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.009		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	35.4		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00123		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	8.19		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	0.0009		0.0001	mg/L		01-SEP-06	CLL

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-6	STATION 8 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals								
	Ultra-Low Metals								
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00017		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	1.33		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	4.63		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0586		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00025		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	<0.0008	RRV	0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	0.040		0.005	mg/L		06-SEP-06	HAS
	Routine Water Analysis								
	ICP metals and SO4 for routine water								
		Calcium (Ca)	37.9		0.5	mg/L		05-SEP-06	MLH
		Magnesium (Mg)	8.3		0.1	mg/L		05-SEP-06	MLH
		Potassium (K)	1.4		0.5	mg/L		05-SEP-06	MLH
		Sodium (Na)	5		1	mg/L		05-SEP-06	MLH
		Sulfate (SO4)	12.9		0.5	mg/L		05-SEP-06	MLH
	Ion Balance Calculation								
		Hardness (as CaCO3)	129			mg/L		06-SEP-06	
		Ion Balance	107			%		06-SEP-06	
		TDS (Calculated)	138			mg/L		06-SEP-06	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	106		5	mg/L		28-AUG-06	PTT
		Bicarbonate (HCO3)	130		5	mg/L		28-AUG-06	PTT
		Carbonate (CO3)	<5		5	mg/L		28-AUG-06	PTT
		Conductivity (EC)	250		0.2	uS/cm		28-AUG-06	PTT
		Hydroxide (OH)	<5		5	mg/L		28-AUG-06	PTT
		pH	8.3		0.1	pH		28-AUG-06	PTT
		Chloride (Cl)	9		1	mg/L		29-AUG-06	NG
		Nitrate+Nitrite-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrate-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrite-N	<0.05		0.05	mg/L		28-AUG-06	KMY
		Ammonia-N	0.010		0.005	mg/L		30-AUG-06	LDC
		Total Organic Carbon	7		1	mg/L		30-AUG-06	ZOW
L426575-7	STATION 8 DUP ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0006		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00020		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00018		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.00627		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.009		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	35.3		0.02	mg/L		01-SEP-06	CLL

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Lab ID	Sample ID / Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-7	STATION 8 DUP ROCHE BAY							
Sampled By:	SM/KL on 22-AUG-06							
Matrix:	WATER							
	Ultra-Low Metals - Dissolved							
	Ultra-Low Metals - Dissolved							
	Chromium (Cr)	0.00137		0.00006	mg/L		01-SEP-06	CLL
	Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
	Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
	Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
	Magnesium (Mg)	8.11		0.004	mg/L		01-SEP-06	CLL
	Manganese (Mn)	0.0005		0.0001	mg/L		01-SEP-06	CLL
	Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
	Molybdenum (Mo)	0.00017		0.00006	mg/L		01-SEP-06	CLL
	Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
	Potassium (K)	1.29		0.02	mg/L		01-SEP-06	CLL
	Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
	Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
	Sodium (Na)	4.57		0.005	mg/L		01-SEP-06	CLL
	Strontium (Sr)	0.0580		0.0001	mg/L		01-SEP-06	CLL
	Uranium (U)	0.00025		0.00005	mg/L		01-SEP-06	CLL
	Vanadium (V)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
	Zinc (Zn)	0.0029	RRV	0.0008	mg/L		01-SEP-06	CLL
	Iron (Fe)	0.009		0.005	mg/L		06-SEP-06	HAS
	Ultra-Low Metals							
	Ultra-Low Metals							
	Aluminum (Al)	0.0025		0.0003	mg/L		01-SEP-06	CLL
	Antimony (Sb)	0.00024		0.00003	mg/L		01-SEP-06	CLL
	Arsenic (As)	0.00017		0.00003	mg/L		01-SEP-06	CLL
	Barium (Ba)	0.00647		0.00005	mg/L		01-SEP-06	CLL
	Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
	Boron (B)	0.009		0.001	mg/L		01-SEP-06	CLL
	Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
	Calcium (Ca)	36.5		0.02	mg/L		01-SEP-06	CLL
	Chromium (Cr)	0.00142		0.00006	mg/L		01-SEP-06	CLL
	Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
	Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
	Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
	Magnesium (Mg)	8.37		0.004	mg/L		01-SEP-06	CLL
	Manganese (Mn)	0.0012		0.0001	mg/L		01-SEP-06	CLL
	Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
	Molybdenum (Mo)	0.00016		0.00006	mg/L		01-SEP-06	CLL
	Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
	Potassium (K)	1.34		0.02	mg/L		01-SEP-06	CLL
	Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
	Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
	Sodium (Na)	4.70		0.005	mg/L		01-SEP-06	CLL
	Strontium (Sr)	0.0595		0.0001	mg/L		01-SEP-06	CLL
	Uranium (U)	0.00025		0.00005	mg/L		01-SEP-06	CLL
	Vanadium (V)	0.00005		0.00005	mg/L		01-SEP-06	CLL
	Zinc (Zn)	<0.0008	RRV	0.0008	mg/L		01-SEP-06	CLL
	Iron (Fe)	0.026		0.005	mg/L		06-SEP-06	HAS
	Routine Water Analysis							
	ICP metals and SO4 for routine water							
	Calcium (Ca)	37.5		0.5	mg/L		05-SEP-06	MLH
	Magnesium (Mg)	8.3		0.1	mg/L		05-SEP-06	MLH
	Potassium (K)	1.4		0.5	mg/L		05-SEP-06	MLH
	Sodium (Na)	5		1	mg/L		05-SEP-06	MLH

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-7	STATION 8 DUP ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Routine Water Analysis								
	ICP metals and SO4 for routine water								
		Sulfate (SO4)	12.3		0.5	mg/L		05-SEP-06	MLH
	Ion Balance Calculation								
		Hardness (as CaCO3)	128			mg/L		06-SEP-06	
		Ion Balance	106			%		06-SEP-06	
		TDS (Calculated)	138			mg/L		06-SEP-06	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	107		5	mg/L		28-AUG-06	PTT
		Bicarbonate (HCO3)	131		5	mg/L		28-AUG-06	PTT
		Carbonate (CO3)	<5		5	mg/L		28-AUG-06	PTT
		Conductivity (EC)	251		0.2	uS/cm		28-AUG-06	PTT
		Hydroxide (OH)	<5		5	mg/L		28-AUG-06	PTT
		pH	8.3		0.1	pH		28-AUG-06	PTT
		Chloride (Cl)	9		1	mg/L		29-AUG-06	NG
		Nitrate+Nitrite-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrate-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrite-N	<0.05		0.05	mg/L		28-AUG-06	KMY
		Ammonia-N	0.009		0.005	mg/L		30-AUG-06	LDC
		Total Organic Carbon	8		1	mg/L		30-AUG-06	ZOW
L426575-8	STATION 9 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0006		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00027		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00018		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.00464		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.011		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	31.8		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00128		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	6.51		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	0.0005		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00014		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	0.99		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	3.99		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0664		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00010		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	0.0048	RRV	0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	0.006		0.005	mg/L		06-SEP-06	HAS
	Ultra-Low Metals								

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-8	STATION 9 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0012		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00020		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00019		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.00477		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.011		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	32.5		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00136		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	6.65		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	0.0009		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00013		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	1.04		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	4.11		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0676		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00011		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	0.0011	RRVAP	0.0008	mg/L		07-SEP-06	CLL
		Iron (Fe)	0.022		0.005	mg/L		06-SEP-06	HAS
	Routine Water Analysis								
	ICP metals and SO4 for routine water								
		Calcium (Ca)	33.4		0.5	mg/L		05-SEP-06	MLH
		Magnesium (Mg)	6.6		0.1	mg/L		05-SEP-06	MLH
		Potassium (K)	1.4		0.5	mg/L		05-SEP-06	MLH
		Sodium (Na)	4		1	mg/L		05-SEP-06	MLH
		Sulfate (SO4)	5.8		0.5	mg/L		05-SEP-06	MLH
	Ion Balance Calculation								
		Hardness (as CaCO3)	111			mg/L		06-SEP-06	
		Ion Balance	105			%		06-SEP-06	
		TDS (Calculated)	118			mg/L		06-SEP-06	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	101		5	mg/L		28-AUG-06	PTT
		Bicarbonate (HCO3)	123		5	mg/L		28-AUG-06	PTT
		Carbonate (CO3)	<5		5	mg/L		28-AUG-06	PTT
		Conductivity (EC)	213		0.2	uS/cm		28-AUG-06	PTT
		Hydroxide (OH)	<5		5	mg/L		28-AUG-06	PTT
		pH	8.3		0.1	pH		28-AUG-06	PTT
		Chloride (Cl)	6		1	mg/L		29-AUG-06	NG
		Nitrate+Nitrite-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrate-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrite-N	<0.05		0.05	mg/L		28-AUG-06	KMY
		Ammonia-N	<0.005		0.005	mg/L		30-AUG-06	LDC
		Total Organic Carbon	5		1	mg/L		30-AUG-06	ZOW

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-9	STATION 10 ROCHE BAY								
Sampled By:	SM/KL on 21-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0008		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00028		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00025		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.0134		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.017		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	50.9		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00205		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	12.7		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	0.0009		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00047		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	2.17		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	9.56		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0814		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00086		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	0.00006		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	0.0082	RRV	0.0008	mg/L		01-SEP-06	CLL
	Iron (Fe)		0.011		0.005	mg/L		06-SEP-06	HAS
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0022		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00020		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00024		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.0136		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.018		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	53.6		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00206		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	13.1		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	0.0012		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00050		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	2.31		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	9.88		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0854		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00095		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	0.00008		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	<0.0008	RRV	0.0008	mg/L		01-SEP-06	CLL

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-9	STATION 10 ROCHE BAY								
Sampled By:	SM/KL on 21-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals								
		Iron (Fe)	0.022		0.005	mg/L		06-SEP-06	HAS
	Routine Water Analysis								
	ICP metals and SO4 for routine water								
		Calcium (Ca)	53.6		0.5	mg/L		05-SEP-06	MLH
		Magnesium (Mg)	13.0		0.1	mg/L		05-SEP-06	MLH
		Potassium (K)	2.2		0.5	mg/L		05-SEP-06	MLH
		Sodium (Na)	10		1	mg/L		05-SEP-06	MLH
		Sulfate (SO4)	21.9		0.5	mg/L		05-SEP-06	MLH
	Ion Balance Calculation								
		Hardness (as CaCO3)	187			mg/L		06-SEP-06	
		Ion Balance	108			%		06-SEP-06	
		TDS (Calculated)	210			mg/L		06-SEP-06	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	158		5	mg/L		28-AUG-06	PTT
		Bicarbonate (HCO3)	188		5	mg/L		28-AUG-06	PTT
		Carbonate (CO3)	<5		5	mg/L		28-AUG-06	PTT
		Conductivity (EC)	368		0.2	uS/cm		28-AUG-06	PTT
		Hydroxide (OH)	<5		5	mg/L		28-AUG-06	PTT
		pH	8.4		0.1	pH		28-AUG-06	PTT
		Chloride (Cl)	14		1	mg/L		29-AUG-06	NG
		Nitrate+Nitrite-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrate-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrite-N	<0.05		0.05	mg/L		28-AUG-06	KMY
		Ammonia-N	0.008		0.005	mg/L		30-AUG-06	LDC
		Total Organic Carbon	8		1	mg/L		30-AUG-06	ZOW
L426575-10	STATION 11 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0012		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00008		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00020		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.00960		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.007		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	24.5		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00076		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	5.73		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	0.0004		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00025		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	1.25		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	6.56		0.005	mg/L		01-SEP-06	CLL

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-10	STATION 11 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Strontium (Sr)	0.0240		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00129		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	0.00007		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	0.0065	RRV	0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	0.005		0.005	mg/L		06-SEP-06	HAS
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0087		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00007		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00020		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.00980		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.007		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	24.7		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00103		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	5.74		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	0.0028		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00024		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	1.29		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	6.82		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0242		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00125		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	0.00011		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	<0.0008	RRV	0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	0.030		0.005	mg/L		06-SEP-06	HAS
	Routine Water Analysis								
	ICP metals and SO4 for routine water								
		Calcium (Ca)	26.0		0.5	mg/L		05-SEP-06	MLH
		Magnesium (Mg)	5.8		0.1	mg/L		05-SEP-06	MLH
		Potassium (K)	1.5		0.5	mg/L		05-SEP-06	MLH
		Sodium (Na)	7		1	mg/L		05-SEP-06	MLH
		Sulfate (SO4)	6.0		0.5	mg/L		05-SEP-06	MLH
	Ion Balance Calculation								
		Hardness (as CaCO3)	89			mg/L		06-SEP-06	
		Ion Balance	106			%		06-SEP-06	
		TDS (Calculated)	104			mg/L		06-SEP-06	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	80		5	mg/L		28-AUG-06	PTT
		Bicarbonate (HCO3)	97		5	mg/L		28-AUG-06	PTT
		Carbonate (CO3)	<5		5	mg/L		28-AUG-06	PTT
		Conductivity (EC)	191		0.2	uS/cm		28-AUG-06	PTT
		Hydroxide (OH)	<5		5	mg/L		28-AUG-06	PTT
		pH	8.2		0.1	pH		28-AUG-06	PTT

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-10	STATION 11 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Routine Water Analysis								
		Chloride (Cl)	10		1	mg/L		29-AUG-06	NG
		Nitrate+Nitrite-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrate-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrite-N	<0.05		0.05	mg/L		28-AUG-06	KMY
		Ammonia-N	<0.005		0.005	mg/L		30-AUG-06	LDC
		Total Organic Carbon	2		1	mg/L		30-AUG-06	ZOW
L426575-11	STATION 12 ROCHE BAY								
Sampled By:	SM/KL on 21-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0026		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00017	RRV	0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00008		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.0140		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.003		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	17.3		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00074		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	0.0009		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	3.85		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00009		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	1.29		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	2.46		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0144		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00061		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	0.00006		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	0.0022	RRV	0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	<0.005		0.005	mg/L		06-SEP-06	HAS
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0030		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00010	RRV	0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00008		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.0142		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.003		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	17.3		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00070		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	0.0008		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-11	STATION 12 ROCHE BAY								
Sampled By:	SM/KL on 21-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals								
	Ultra-Low Metals								
		Magnesium (Mg)	3.82		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00009		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	1.29		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	2.42		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0142		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00066		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	0.00007		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	<0.0008	RRV	0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	<0.005		0.005	mg/L		06-SEP-06	HAS
	Routine Water Analysis								
	ICP metals and SO4 for routine water								
		Calcium (Ca)	18.2		0.5	mg/L		05-SEP-06	MLH
		Magnesium (Mg)	3.9		0.1	mg/L		05-SEP-06	MLH
		Potassium (K)	1.4		0.5	mg/L		05-SEP-06	MLH
		Sodium (Na)	3		1	mg/L		05-SEP-06	MLH
		Sulfate (SO4)	2.3		0.5	mg/L		05-SEP-06	MLH
	Ion Balance Calculation								
		Hardness (as CaCO3)	62			mg/L		06-SEP-06	
		Ion Balance	106			%		06-SEP-06	
		TDS (Calculated)	68			mg/L		06-SEP-06	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	59		5	mg/L		28-AUG-06	PTT
		Bicarbonate (HCO3)	72		5	mg/L		28-AUG-06	PTT
		Carbonate (CO3)	<5		5	mg/L		28-AUG-06	PTT
		Conductivity (EC)	125		0.2	uS/cm		28-AUG-06	PTT
		Hydroxide (OH)	<5		5	mg/L		28-AUG-06	PTT
		pH	8.1		0.1	pH		28-AUG-06	PTT
		Chloride (Cl)	3		1	mg/L		29-AUG-06	NG
		Nitrate+Nitrite-N	0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrate-N	0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrite-N	<0.05		0.05	mg/L		28-AUG-06	KMY
		Ammonia-N	<0.005		0.005	mg/L		30-AUG-06	LDC
		Total Organic Carbon	2		1	mg/L		30-AUG-06	ZOW
L426575-12	STATION 12 DUP ROCHE BAY								
Sampled By:	SM/KL on 21-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0026		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00013		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00008		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.0142		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.003		0.001	mg/L		01-SEP-06	CLL

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-12	STATION 12 DUP ROCHE BAY								
Sampled By:	SM/KL on 21-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	17.0		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00063		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	0.0008		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	3.71		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00009		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	1.24		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	2.31		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0143		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00059		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	0.0020	RRV	0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	<0.005		0.005	mg/L		06-SEP-06	HAS
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0028		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00012		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00008		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.0139		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.003		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	16.8		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00061		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	0.0008		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	3.64		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00009		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	1.24		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	2.33		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0139		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00064		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	0.00006		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	<0.0008	RRV	0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	<0.005		0.005	mg/L		06-SEP-06	HAS
	Routine Water Analysis								
	ICP metals and SO4 for routine water								
		Calcium (Ca)	17.8		0.5	mg/L		05-SEP-06	MLH
		Magnesium (Mg)	3.7		0.1	mg/L		05-SEP-06	MLH

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID / Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-12	STATION 12 DUP ROCHE BAY							
Sampled By:	SM/KL on 21-AUG-06							
Matrix:	WATER							
	Routine Water Analysis							
	ICP metals and SO4 for routine water							
	Potassium (K)	1.4		0.5	mg/L		05-SEP-06	MLH
	Sodium (Na)	3		1	mg/L		05-SEP-06	MLH
	Sulfate (SO4)	2.2		0.5	mg/L		05-SEP-06	MLH
	Ion Balance Calculation							
	Hardness (as CaCO3)	60			mg/L		06-SEP-06	
	Ion Balance	102			%		06-SEP-06	
	TDS (Calculated)	67			mg/L		06-SEP-06	
	pH, Conductivity and Total Alkalinity							
	Alkalinity, Total (as CaCO3)	58		5	mg/L		28-AUG-06	PTT
	Bicarbonate (HCO3)	71		5	mg/L		28-AUG-06	PTT
	Carbonate (CO3)	<5		5	mg/L		28-AUG-06	PTT
	Conductivity (EC)	125		0.2	uS/cm		28-AUG-06	PTT
	Hydroxide (OH)	<5		5	mg/L		28-AUG-06	PTT
	pH	8.1		0.1	pH		28-AUG-06	PTT
	Chloride (Cl)	4		1	mg/L		29-AUG-06	NG
	Nitrate+Nitrite-N	0.1		0.1	mg/L		28-AUG-06	KMY
	Nitrate-N	0.1		0.1	mg/L		28-AUG-06	KMY
	Nitrite-N	<0.05		0.05	mg/L		28-AUG-06	KMY
	Ammonia-N	<0.005		0.005	mg/L		30-AUG-06	LDC
	Total Organic Carbon	2		1	mg/L		30-AUG-06	ZOW
L426575-13	STATION 13 ROCHE BAY							
Sampled By:	SM/KL on 21-AUG-06							
Matrix:	WATER							
	Ultra-Low Metals - Dissolved							
	Ultra-Low Metals - Dissolved							
	Aluminum (Al)	0.0029		0.0003	mg/L		01-SEP-06	CLL
	Antimony (Sb)	0.00006		0.00003	mg/L		01-SEP-06	CLL
	Arsenic (As)	0.00012		0.00003	mg/L		01-SEP-06	CLL
	Barium (Ba)	0.0285		0.00005	mg/L		01-SEP-06	CLL
	Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
	Boron (B)	0.003		0.001	mg/L		01-SEP-06	CLL
	Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
	Calcium (Ca)	37.6		0.02	mg/L		01-SEP-06	CLL
	Chromium (Cr)	0.00020		0.00006	mg/L		07-SEP-06	CLL
	Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
	Copper (Cu)	0.0012		0.0006	mg/L		01-SEP-06	CLL
	Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
	Magnesium (Mg)	8.51		0.004	mg/L		01-SEP-06	CLL
	Manganese (Mn)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
	Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
	Molybdenum (Mo)	0.00013		0.00006	mg/L		01-SEP-06	CLL
	Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
	Potassium (K)	1.90		0.02	mg/L		01-SEP-06	CLL
	Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
	Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
	Sodium (Na)	2.49		0.005	mg/L		01-SEP-06	CLL
	Strontium (Sr)	0.0270		0.0001	mg/L		01-SEP-06	CLL
	Uranium (U)	0.00086		0.00005	mg/L		01-SEP-06	CLL
	Vanadium (V)	0.00008		0.00005	mg/L		01-SEP-06	CLL
	Zinc (Zn)	0.0033	RRV	0.0008	mg/L		01-SEP-06	CLL

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-13	STATION 13 ROCHE BAY								
Sampled By:	SM/KL on 21-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
		Iron (Fe)	<0.005		0.005	mg/L		06-SEP-06	HAS
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0032		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00010		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00011		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.0276		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.003		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	36.4		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00030		0.00006	mg/L		07-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	0.0011		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	8.23		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00011		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	1.87		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	2.44		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0260		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00099		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	0.00008		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	0.0010	RRV	0.0008	mg/L		01-SEP-06	CLL
	Iron (Fe)		<0.005		0.005	mg/L		06-SEP-06	HAS
	Routine Water Analysis								
	ICP metals and SO4 for routine water								
		Calcium (Ca)	39.3		0.5	mg/L		05-SEP-06	MLH
		Magnesium (Mg)	8.7		0.1	mg/L		05-SEP-06	MLH
		Potassium (K)	2.0		0.5	mg/L		05-SEP-06	MLH
		Sodium (Na)	3		1	mg/L		05-SEP-06	MLH
		Sulfate (SO4)	3.6		0.5	mg/L		05-SEP-06	MLH
	Ion Balance Calculation								
		Hardness (as CaCO3)	134			mg/L		06-SEP-06	
		Ion Balance	105			%		06-SEP-06	
		TDS (Calculated)	137			mg/L		06-SEP-06	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	127		5	mg/L		28-AUG-06	PTT
		Bicarbonate (HCO3)	154		5	mg/L		28-AUG-06	PTT
		Carbonate (CO3)	<5		5	mg/L		28-AUG-06	PTT
		Conductivity (EC)	246		0.2	uS/cm		28-AUG-06	PTT
		Hydroxide (OH)	<5		5	mg/L		28-AUG-06	PTT
		pH	8.3		0.1	pH		28-AUG-06	PTT
	Chloride (Cl)		4		1	mg/L		29-AUG-06	NG
	Nitrate+Nitrite-N		0.1		0.1	mg/L		28-AUG-06	KMY
	Nitrate-N		0.1		0.1	mg/L		28-AUG-06	KMY
	Nitrite-N		<0.05		0.05	mg/L		28-AUG-06	KMY

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-13	STATION 13 ROCHE BAY								
Sampled By:	SM/KL on 21-AUG-06								
Matrix:	WATER								
		Ammonia-N	<0.005		0.005	mg/L		30-AUG-06	LDC
		Total Organic Carbon	3		1	mg/L		30-AUG-06	ZOW
L426575-14	STATION 14 ROCHE BAY								
Sampled By:	SM/KL on 25-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0083		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00008		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	<0.00003		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.00297		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	<0.001		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	1.46		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00008		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	0.348		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	0.0002		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	0.00021		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	0.28		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	0.709		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0035		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00006		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	0.0029	RRV	0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	0.009		0.005	mg/L		06-SEP-06	HAS
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0377		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00006		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	<0.00003		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.00325		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	<0.001		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	1.43		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00011		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	0.363		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	0.0007		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	0.00019		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	0.30		0.02	mg/L		01-SEP-06	CLL

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-14	STATION 14 ROCHE BAY								
Sampled By:	SM/KL on 25-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals								
	Ultra-Low Metals								
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	0.721		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0036		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00008		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	0.00006		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	<0.0008	RRV	0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	0.042		0.005	mg/L		06-SEP-06	HAS
	Routine Water Analysis								
	ICP metals and SO4 for routine water								
		Calcium (Ca)	1.8		0.5	mg/L		05-SEP-06	MLH
		Magnesium (Mg)	0.4		0.1	mg/L		05-SEP-06	MLH
		Potassium (K)	0.6		0.5	mg/L		05-SEP-06	MLH
		Sodium (Na)	1		1	mg/L		05-SEP-06	MLH
		Sulfate (SO4)	0.9		0.5	mg/L		05-SEP-06	MLH
	Ion Balance Calculation								
		Hardness (as CaCO3)	6			mg/L		06-SEP-06	
		Ion Balance	Low EC			%		06-SEP-06	
		TDS (Calculated)	6			mg/L		06-SEP-06	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	<5		5	mg/L		28-AUG-06	PTT
		Bicarbonate (HCO3)	6		5	mg/L		28-AUG-06	PTT
		Carbonate (CO3)	<5		5	mg/L		28-AUG-06	PTT
		Conductivity (EC)	15.9		0.2	uS/cm		28-AUG-06	PTT
		Hydroxide (OH)	<5		5	mg/L		28-AUG-06	PTT
		pH	7.1		0.1	pH		28-AUG-06	PTT
		Chloride (Cl)	1		1	mg/L		29-AUG-06	NG
		Nitrate+Nitrite-N	0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrate-N	0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrite-N	<0.05		0.05	mg/L		28-AUG-06	KMY
		Ammonia-N	<0.005		0.005	mg/L		30-AUG-06	LDC
		Total Organic Carbon	1		1	mg/L		30-AUG-06	ZOW
L426575-15	FIELD BLANK ROCHE BAY								
Sampled By:	SM/KL on 21-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0004		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00018		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	<0.00003		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	<0.001		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	0.10	RRVAP	0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-15	FIELD BLANK ROCHE BAY								
Sampled By:	SM/KL on 21-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
		Ultra-Low Metals - Dissolved							
		Magnesium (Mg)	<0.004		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	<0.02		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	0.341	RRVAP	0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0001		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	<0.0008		0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	<0.005		0.005	mg/L		06-SEP-06	HAS
	Ultra-Low Metals								
		Ultra-Low Metals							
		Aluminum (Al)	<0.0003		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00010		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	<0.00003		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.00005		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	<0.001		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	0.05	RRVAP	0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	<0.004		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	<0.02		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	0.340	RRVAP	0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	<0.0008		0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	<0.005		0.005	mg/L		06-SEP-06	HAS
	Routine Water Analysis								
		ICP metals and SO4 for routine water							
		Calcium (Ca)	<0.5		0.5	mg/L		07-SEP-06	MLH
		Magnesium (Mg)	<0.1		0.1	mg/L		07-SEP-06	MLH
		Potassium (K)	<0.5		0.5	mg/L		07-SEP-06	MLH
		Sodium (Na)	<1		1	mg/L		07-SEP-06	MLH
		Sulfate (SO4)	<0.5		0.5	mg/L		07-SEP-06	MLH
		Ion Balance Calculation							

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-15	FIELD BLANK ROCHE BAY								
Sampled By:	SM/KL on 21-AUG-06								
Matrix:	WATER								
	Routine Water Analysis								
	Ion Balance Calculation								
		Hardness (as CaCO3)	<1			mg/L		08-SEP-06	
		Ion Balance	Low TDS			%		08-SEP-06	
		TDS (Calculated)	<1			mg/L		08-SEP-06	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	<5		5	mg/L		28-AUG-06	PTT
		Bicarbonate (HCO3)	<5		5	mg/L		28-AUG-06	PTT
		Carbonate (CO3)	<5		5	mg/L		28-AUG-06	PTT
		Conductivity (EC)	1.9		0.2	uS/cm		28-AUG-06	PTT
		Hydroxide (OH)	<5		5	mg/L		28-AUG-06	PTT
		pH	6.4		0.1	pH		28-AUG-06	PTT
		Chloride (Cl)	<1		1	mg/L		29-AUG-06	NG
		Nitrate+Nitrite-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrate-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrite-N	<0.05		0.05	mg/L		28-AUG-06	KMY
		Ammonia-N	<0.005		0.005	mg/L		30-AUG-06	LDC
		Total Organic Carbon	<1		1	mg/L		30-AUG-06	ZOW
L426575-16	TRAVEL BLANK ROCHE BAY								
Sampled By:	SM/KL on 21-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0010	RRV	0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00019	RRV	0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	<0.00003		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.00006		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	<0.001		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	0.88	RRVAP	0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	0.007		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	<0.02		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	0.010	RRVAP	0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0005	RRV	0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	0.0009		0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	<0.005		0.005	mg/L		06-SEP-06	HAS
	Ultra-Low Metals								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-16	TRAVEL BLANK ROCHE BAY								
Sampled By:	SM/KL on 21-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0003	RRV	0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00011	RRV	0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	<0.00003		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	<0.001		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	0.04	RRVAP	0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	<0.004		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	<0.02		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	<0.005		0.005	mg/L		06-SEP-06	SYF
		Strontium (Sr)	<0.0001	RRV	0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	<0.0008		0.0008	mg/L		01-SEP-06	CLL
		Iron (Fe)	<0.005		0.005	mg/L		06-SEP-06	HAS
	Routine Water Analysis								
	ICP metals and SO4 for routine water								
		Calcium (Ca)	<0.5		0.5	mg/L		07-SEP-06	MLH
		Magnesium (Mg)	<0.1		0.1	mg/L		07-SEP-06	MLH
		Potassium (K)	<0.5		0.5	mg/L		07-SEP-06	MLH
		Sodium (Na)	<1		1	mg/L		07-SEP-06	MLH
		Sulfate (SO4)	<0.5		0.5	mg/L		07-SEP-06	MLH
	Ion Balance Calculation								
		Hardness (as CaCO3)	<1			mg/L		08-SEP-06	
		Ion Balance	Low TDS			%		08-SEP-06	
		TDS (Calculated)	<1			mg/L		08-SEP-06	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	<5		5	mg/L		28-AUG-06	PTT
		Bicarbonate (HCO3)	<5		5	mg/L		28-AUG-06	PTT
		Carbonate (CO3)	<5		5	mg/L		28-AUG-06	PTT
		Conductivity (EC)	1.2		0.2	uS/cm		28-AUG-06	PTT
		Hydroxide (OH)	<5		5	mg/L		28-AUG-06	PTT
		pH	5.6		0.1	pH		28-AUG-06	PTT
		Chloride (Cl)	<1		1	mg/L		29-AUG-06	NG
		Nitrate+Nitrite-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrate-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrite-N	<0.05		0.05	mg/L		28-AUG-06	KMY
		Ammonia-N	<0.005		0.005	mg/L		30-AUG-06	LDC
		Total Organic Carbon	<1		1	mg/L		30-AUG-06	ZOW

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-18	STATION 15 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0007		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00008		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00015		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.00686		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.012		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	28.3		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00120		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	8.45		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	0.0003		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00020		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	1.38		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	6.46		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0538		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00027		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	0.0050	RRV	0.0008	mg/L		01-SEP-06	CLL
	Iron (Fe)		0.005		0.005	mg/L		06-SEP-06	HAS
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0010		0.0003	mg/L		01-SEP-06	CLL
		Antimony (Sb)	0.00008		0.00003	mg/L		01-SEP-06	CLL
		Arsenic (As)	0.00018		0.00003	mg/L		01-SEP-06	CLL
		Barium (Ba)	0.00680		0.00005	mg/L		01-SEP-06	CLL
		Beryllium (Be)	<0.0002		0.0002	mg/L		01-SEP-06	CLL
		Boron (B)	0.012		0.001	mg/L		01-SEP-06	CLL
		Cadmium (Cd)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Calcium (Ca)	28.8		0.02	mg/L		01-SEP-06	CLL
		Chromium (Cr)	0.00116		0.00006	mg/L		01-SEP-06	CLL
		Cobalt (Co)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Copper (Cu)	<0.0006		0.0006	mg/L		01-SEP-06	CLL
		Lead (Pb)	0.00007		0.00005	mg/L		01-SEP-06	CLL
		Magnesium (Mg)	8.44		0.004	mg/L		01-SEP-06	CLL
		Manganese (Mn)	0.0005		0.0001	mg/L		01-SEP-06	CLL
		Mercury (Hg)	<0.00002		0.00002	mg/L		01-SEP-06	CLL
		Molybdenum (Mo)	0.00020		0.00006	mg/L		01-SEP-06	CLL
		Nickel (Ni)	<0.00006		0.00006	mg/L		01-SEP-06	CLL
		Potassium (K)	1.43		0.02	mg/L		01-SEP-06	CLL
		Selenium (Se)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Silver (Ag)	<0.0001		0.0001	mg/L		01-SEP-06	CLL
		Sodium (Na)	6.48		0.005	mg/L		01-SEP-06	CLL
		Strontium (Sr)	0.0533		0.0001	mg/L		01-SEP-06	CLL
		Uranium (U)	0.00028		0.00005	mg/L		01-SEP-06	CLL
		Vanadium (V)	<0.00005		0.00005	mg/L		01-SEP-06	CLL
		Zinc (Zn)	<0.0008	RRV	0.0008	mg/L		01-SEP-06	CLL

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L426575-18	STATION 15 ROCHE BAY								
Sampled By:	SM/KL on 22-AUG-06								
Matrix:	WATER								
		Ultra-Low Metals							
		Iron (Fe)	0.019		0.005	mg/L		06-SEP-06	HAS
		Routine Water Analysis							
		ICP metals and SO4 for routine water							
		Calcium (Ca)	29.0		0.5	mg/L		05-SEP-06	MLH
		Magnesium (Mg)	8.4		0.1	mg/L		05-SEP-06	MLH
		Potassium (K)	1.5		0.5	mg/L		05-SEP-06	MLH
		Sodium (Na)	7		1	mg/L		05-SEP-06	MLH
		Sulfate (SO4)	9.0		0.5	mg/L		05-SEP-06	MLH
		Ion Balance Calculation							
		Hardness (as CaCO3)	107			mg/L		06-SEP-06	
		Ion Balance	99.4			%		06-SEP-06	
		TDS (Calculated)	126			mg/L		06-SEP-06	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	100		5	mg/L		28-AUG-06	PTT
		Bicarbonate (HCO3)	122		5	mg/L		28-AUG-06	PTT
		Carbonate (CO3)	<5		5	mg/L		28-AUG-06	PTT
		Conductivity (EC)	235		0.2	uS/cm		28-AUG-06	PTT
		Hydroxide (OH)	<5		5	mg/L		28-AUG-06	PTT
		pH	8.2		0.1	pH		28-AUG-06	PTT
		Chloride (Cl)	11		1	mg/L		29-AUG-06	NG
		Nitrate+Nitrite-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrate-N	<0.1		0.1	mg/L		28-AUG-06	KMY
		Nitrite-N	<0.05		0.05	mg/L		28-AUG-06	KMY
		Ammonia-N	<0.005		0.005	mg/L		30-AUG-06	LDC
		Total Organic Carbon	6		1	mg/L		30-AUG-06	ZOW

Reference Information

Sample Parameter Qualifier key listed:

Qualifier	Description
CF	Confirmation required
RRV	Reported Result Verified By Repeat Analysis
RRVAP	Reported Result Verified by Alternate Process

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Preparation Method Reference(Based On)	Analytical Method Reference(Based On)
C-TOT-ORG-ED	Water	Total Organic Carbon		APHA 5310 B
CL-ED	Water	Chloride (Cl)		APHA 4500-CL E
ETL-ROUTINE-ICP-ED	Water	ICP metals and SO4 for routine water		APHA 3120 B
IONBALANCE-ED	Water	Ion Balance Calculation		APHA 1030 E
MET1-ULTRA-DIS-ED	Water	Ultra-Low Metals - Dissolved		EPA 6020
MET1-ULTRA-ED	Water	Ultra-Low Metals		EPA 6020
MET2-ULTRA-DIS-ED	Water	Major Metals - Dissolved		EPA 200.7
MET2-ULTRA-ED	Water	Major Metals		EPA 200.7
N2N3-ED	Water	Nitrate+Nitrite-N		APHA 4500-NO3 H
NH4-LOW-ED	Water	Ammonia-N		APHA 4500-NH3 F
NO2-ED	Water	Nitrite-N		APHA 4500-NO2 B
NO3-ED	Water	Nitrate-N		APHA 4500-NO3 H
PH/EC/ALK-ED	Water	pH, Conductivity and Total Alkalinity		APHA 4500H,2510,2320

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.

Chain of Custody numbers:

261023 261024

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
ED	ALS LABORATORY GROUP - EDMONTON, ALBERTA, CANADA		

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
UNLESS OTHERWISE STATED, SAMPLES ARE NOT CORRECTED FOR CLIENT FIELD BLANKS.
Although test results are generated under strict QA/QC protocols, any unsigned test reports, faxes, or emails are considered preliminary.

ALS Laboratory Group has an extensive QA/QC program where all analytical data reported is analyzed using approved referenced procedures followed by checks and reviews by senior managers and quality assurance personnel. However, since the results are obtained from chemical measurements and thus cannot be guaranteed, ALS Laboratory Group assumes no liability for the use or interpretation of the results.

ALS Laboratory Group Quality Control Report

Workorder: L426575 Report Date: 07-DEC-07

Client: EBA ENG CONSULTANTS LTD
201-4910 49 STREET
YELLOWKNIFE NT X1A 2P7

Contact: STEVE MOORE

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
C-TOT-ORG-ED	**Water**							
Batch R436368								
WG489608-5 DUP		**L426575-7**						
Total Organic Carbon		8	7	J	mg/L	1	4	30-AUG-06
WG489608-7 DUP		**L426575-18**						
Total Organic Carbon		6	5	J	mg/L	0	4	30-AUG-06
WG489608-1 LCS								
Total Organic Carbon			100		%		88-108	30-AUG-06
WG489608-4 LCS								
Total Organic Carbon			123		%		104-135	30-AUG-06
WG489608-2 MB								
Total Organic Carbon			<1		mg/L		1	30-AUG-06
WG489608-3 MB								
Total Organic Carbon			<1		mg/L		1	30-AUG-06
WG489608-6 MS		**L426575-7**						
Total Organic Carbon			101		%		77-116	30-AUG-06
WG489608-8 MS		**L426575-18**						
Total Organic Carbon			102		%		77-116	30-AUG-06
CL-ED	**Water**							
Batch R435453								
WG488201-12 DUP		**L426346-4**						
Chloride (Cl)		2	2	J	mg/L	0	4	28-AUG-06
WG488201-13 DUP		**L426350-1**						
Chloride (Cl)		63	63		mg/L	0.53	6.5	28-AUG-06
WG488201-10 LCS								
Chloride (Cl)			105		%		93-113	28-AUG-06
WG488201-9 LCS								
Chloride (Cl)			103		%		92-112	28-AUG-06
WG488201-8 MB								
Chloride (Cl)			<1		mg/L		1	28-AUG-06
WG488201-11 MS		**L426346-4**						
Chloride (Cl)			103		%		86-117	28-AUG-06
WG488201-14 MS		**L426350-1**						
Chloride (Cl)			94		%		86-117	28-AUG-06
Batch R435799								
WG488759-5 DUP		**L426575-18**						
Chloride (Cl)		11	11		mg/L	0.096	6.5	29-AUG-06
WG488759-7 DUP		**L426604-3**						
Chloride (Cl)		98	98		mg/L	0.012	6.5	29-AUG-06
WG488759-2 LCS								

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
CL-ED	**Water**							
Batch R435799								
WG488759-2 LCS								
Chloride (Cl)			102		%		92-112	29-AUG-06
WG488759-3 LCS								
Chloride (Cl)			104		%		93-113	29-AUG-06
WG488759-1 MB								
Chloride (Cl)			<1		mg/L		1	29-AUG-06
WG488759-6 MS		**L426575-18**						
Chloride (Cl)			112		%		86-117	29-AUG-06
WG488759-8 MS		**L426604-3**						
Chloride (Cl)			92		%		86-117	29-AUG-06
ETL-ROUTINE-ICP-ED	**Water**							
Batch R438509								
WG491683-3 CRM		**ION-915_WATER**						
Calcium (Ca)			108		%		94-114	05-SEP-06
Magnesium (Mg)			106		%		91-111	05-SEP-06
Potassium (K)			107		%		94-117	05-SEP-06
Sodium (Na)			106		%		95-114	05-SEP-06
Sulfate (SO4)			101		%		81-115	05-SEP-06
WG491683-4 DUP		**L426575-18**						
Calcium (Ca)		29.0	29.7		mg/L	2.5	14	05-SEP-06
Magnesium (Mg)		8.4	8.6		mg/L	2.6	10	05-SEP-06
Potassium (K)		1.5	1.5	J	mg/L	0.1	2	05-SEP-06
Sodium (Na)		7	7	J	mg/L	0	4	05-SEP-06
Sulfate (SO4)		9.0	9.4		mg/L	4.3	10	05-SEP-06
WG491683-1 MB								
Calcium (Ca)			<0.5		mg/L		2.5	05-SEP-06
Magnesium (Mg)			<0.1		mg/L		0.5	05-SEP-06
Potassium (K)			<0.5		mg/L		2.5	05-SEP-06
Sodium (Na)			<1		mg/L		5	05-SEP-06
Sulfate (SO4)			<0.5		mg/L		2.5	05-SEP-06
WG491683-5 MS		**L426575-18**						
Calcium (Ca)			107		%		87-121	05-SEP-06
Magnesium (Mg)			107		%		82-116	05-SEP-06
Potassium (K)			103		%		88-115	05-SEP-06
Sodium (Na)			103		%		87-119	05-SEP-06

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
ETL-ROUTINE-ICP-ED	**Water**							
Batch R438509								
WG491683-5 MS		**L426575-18**						
Sulfate (SO4)			101		%		82-121	05-SEP-06
Batch R439241								
WG492629-3 CRM		**ION-915_WATER**						
Calcium (Ca)			106		%		94-114	07-SEP-06
Magnesium (Mg)			107		%		91-111	07-SEP-06
Potassium (K)			109		%		94-117	07-SEP-06
Sodium (Na)			105		%		95-114	07-SEP-06
Sulfate (SO4)			99		%		81-115	07-SEP-06
WG492629-4 DUP		**L428851-1**						
Calcium (Ca)		131	132		mg/L	0.52	14	07-SEP-06
Magnesium (Mg)		40.2	40.0		mg/L	0.48	10	07-SEP-06
Potassium (K)		4.4	4.5	J	mg/L	0.1	2	07-SEP-06
Sodium (Na)		22	22		mg/L	0.57	10	07-SEP-06
Sulfate (SO4)		77.5	78.0		mg/L	0.71	10	07-SEP-06
WG492629-6 DUP		**L428581-7**						
Calcium (Ca)		8.0	8.1		mg/L	1.1	14	07-SEP-06
Magnesium (Mg)		3.3	3.3		mg/L	0.93	10	07-SEP-06
Potassium (K)		1.7	1.8	J	mg/L	0.1	2	07-SEP-06
Sodium (Na)		3	3	J	mg/L	0	4	07-SEP-06
Sulfate (SO4)		2.9	3.1	J	mg/L	0.2	2	07-SEP-06
WG492629-1 MB								
Calcium (Ca)			<0.5		mg/L		2.5	07-SEP-06
Magnesium (Mg)			<0.1		mg/L		0.5	07-SEP-06
Potassium (K)			<0.5		mg/L		2.5	07-SEP-06
Sodium (Na)			<1		mg/L		5	07-SEP-06
Sulfate (SO4)			<0.5		mg/L		2.5	07-SEP-06
WG492629-5 MS		**L428851-1**						
Calcium (Ca)			109		%		87-121	07-SEP-06
Magnesium (Mg)			108		%		82-116	07-SEP-06
Potassium (K)			105		%		88-115	07-SEP-06
Sodium (Na)			106		%		87-119	07-SEP-06
Sulfate (SO4)			104		%		82-121	07-SEP-06
WG492629-7 MS		**L428581-7**						

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
ETL-ROUTINE-ICP-ED	**Water**							
Batch R439241								
WG492629-7 MS		**L428581-7**						
Calcium (Ca)			109		%		87-121	07-SEP-06
Magnesium (Mg)			111		%		82-116	07-SEP-06
Potassium (K)			107		%		88-115	07-SEP-06
Sodium (Na)			108		%		87-119	07-SEP-06
Sulfate (SO4)			111		%		82-121	07-SEP-06
MET1-ULTRA-DIS-ED	**Water**							
Batch R437705								
WG489546-2 CRM		**1643E_WATER**						
Aluminum (Al)			97		%		91-123	30-AUG-06
Antimony (Sb)			93		%		86-108	30-AUG-06
Arsenic (As)			89		%		84-105	30-AUG-06
Barium (Ba)			93		%		88-109	30-AUG-06
Beryllium (Be)			95		%		78-113	30-AUG-06
Boron (B)			99		%		80-116	30-AUG-06
Cadmium (Cd)			91		%		87-109	30-AUG-06
Calcium (Ca)			88		%		86-111	30-AUG-06
Chromium (Cr)			101		%		91-116	30-AUG-06
Cobalt (Co)			93		%		89-109	30-AUG-06
Copper (Cu)			94		%		90-112	30-AUG-06
Lead (Pb)			91		%		89-110	30-AUG-06
Magnesium (Mg)			93		%		89-113	30-AUG-06
Molybdenum (Mo)			94		%		88-111	30-AUG-06
Nickel (Ni)			92		%		88-110	30-AUG-06
Potassium (K)			103		%		88-120	30-AUG-06
Selenium (Se)			86		%		78-106	30-AUG-06
Sodium (Na)			92		%		87-114	30-AUG-06
Strontium (Sr)			93		%		84-119	30-AUG-06
Vanadium (V)			94		%		88-114	30-AUG-06
Zinc (Zn)			90		%		78-119	30-AUG-06
Manganese (Mn)			98	G	%		120-150	30-AUG-06
WG489546-1 MB								
Aluminum (Al)			<0.0003		mg/L		0.0015	30-AUG-06
Antimony (Sb)			<0.00003		mg/L		0.00015	30-AUG-06

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-DIS-ED	**Water**							
Batch R437705								
WG489546-1 MB								
Arsenic (As)			<0.00003		mg/L		0.00015	30-AUG-06
Barium (Ba)			<0.00005		mg/L		0.00025	30-AUG-06
Beryllium (Be)			<0.0002		mg/L		0.001	30-AUG-06
Boron (B)			0.001		mg/L		0.005	30-AUG-06
Cadmium (Cd)			<0.00005		mg/L		0.00025	30-AUG-06
Calcium (Ca)			<0.02		mg/L		0.1	30-AUG-06
Chromium (Cr)			<0.00006		mg/L		0.0003	30-AUG-06
Cobalt (Co)			<0.0001		mg/L		0.0005	30-AUG-06
Copper (Cu)			<0.0006		mg/L		0.003	30-AUG-06
Iron (Fe)			<0.005		mg/L		0.025	30-AUG-06
Lead (Pb)			<0.00005		mg/L		0.00025	30-AUG-06
Magnesium (Mg)			<0.004		mg/L		0.02	30-AUG-06
Manganese (Mn)			<0.0001		mg/L		0.0005	30-AUG-06
Mercury (Hg)			<0.00002		mg/L		0.0001	30-AUG-06
Molybdenum (Mo)			<0.00006		mg/L		0.0003	30-AUG-06
Nickel (Ni)			<0.00006		mg/L		0.0003	30-AUG-06
Potassium (K)			<0.02		mg/L		0.1	30-AUG-06
Selenium (Se)			<0.0001		mg/L		0.0005	30-AUG-06
Silver (Ag)			<0.0001		mg/L		0.0005	30-AUG-06
Sodium (Na)			<0.005		mg/L		0.025	30-AUG-06
Strontium (Sr)			<0.0001		mg/L		0.0005	30-AUG-06
Uranium (U)			<0.00005		mg/L		0.00025	30-AUG-06
Vanadium (V)			<0.00005		mg/L		0.00025	30-AUG-06
Zinc (Zn)			<0.0008		mg/L		0.004	30-AUG-06
Batch R438335								
WG490618-2 CRM		**1643E_WATER**						
Aluminum (Al)			112		%		91-123	01-SEP-06
Arsenic (As)			93		%		84-105	01-SEP-06
Barium (Ba)			93		%		88-109	01-SEP-06
Beryllium (Be)			94		%		78-113	01-SEP-06
Boron (B)			104		%		80-116	01-SEP-06
Cadmium (Cd)			98		%		87-109	01-SEP-06
Calcium (Ca)			92		%		86-111	01-SEP-06

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-DIS-ED	**Water**							
Batch R438335								
WG490618-2 CRM		**1643E_WATER**						
Chromium (Cr)			98		%		91-116	01-SEP-06
Cobalt (Co)			97		%		89-109	01-SEP-06
Copper (Cu)			110		%		90-112	01-SEP-06
Lead (Pb)			92		%		89-110	01-SEP-06
Magnesium (Mg)			96		%		89-113	01-SEP-06
Molybdenum (Mo)			94		%		88-111	01-SEP-06
Nickel (Ni)			95		%		88-110	01-SEP-06
Potassium (K)			101		%		88-120	01-SEP-06
Selenium (Se)			96		%		78-106	01-SEP-06
Sodium (Na)			95		%		87-114	01-SEP-06
Strontium (Sr)			94		%		84-119	01-SEP-06
Vanadium (V)			95		%		88-114	01-SEP-06
WG490618-1 MB								
Aluminum (Al)			<0.0003		mg/L		0.0015	01-SEP-06
Antimony (Sb)			<0.00003		mg/L		0.00015	01-SEP-06
Arsenic (As)			<0.00003		mg/L		0.00015	01-SEP-06
Barium (Ba)			<0.00005		mg/L		0.00025	01-SEP-06
Beryllium (Be)			<0.0002		mg/L		0.001	01-SEP-06
Boron (B)			0.002		mg/L		0.005	01-SEP-06
Cadmium (Cd)			<0.00005		mg/L		0.00025	01-SEP-06
Calcium (Ca)			<0.02		mg/L		0.1	01-SEP-06
Chromium (Cr)			<0.00006		mg/L		0.0003	01-SEP-06
Cobalt (Co)			<0.0001		mg/L		0.0005	01-SEP-06
Copper (Cu)			<0.0006		mg/L		0.003	01-SEP-06
Iron (Fe)			<0.005		mg/L		0.025	01-SEP-06
Lead (Pb)			<0.00005		mg/L		0.00025	01-SEP-06
Magnesium (Mg)			<0.004		mg/L		0.02	01-SEP-06
Manganese (Mn)			<0.0001		mg/L		0.0005	01-SEP-06
Mercury (Hg)			<0.00002		mg/L		0.0001	01-SEP-06
Molybdenum (Mo)			<0.00006		mg/L		0.0003	01-SEP-06
Nickel (Ni)			<0.00006		mg/L		0.0003	01-SEP-06
Potassium (K)			<0.02		mg/L		0.1	01-SEP-06
Selenium (Se)			<0.0001		mg/L		0.0005	01-SEP-06

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-DIS-ED	**Water**							
Batch R438335								
WG490618-1 MB								
Silver (Ag)			<0.0001		mg/L		0.0005	01-SEP-06
Sodium (Na)			<0.005		mg/L		0.025	01-SEP-06
Strontium (Sr)			<0.0001		mg/L		0.0005	01-SEP-06
Uranium (U)			<0.00005		mg/L		0.00025	01-SEP-06
Vanadium (V)			<0.00005		mg/L		0.00025	01-SEP-06
Zinc (Zn)			<0.0008		mg/L		0.004	01-SEP-06
MET1-ULTRA-ED	**Water**							
Batch R437705								
WG489546-2 CRM		**1643E_WATER**						
Aluminum (Al)			97		%		91-123	30-AUG-06
Antimony (Sb)			93		%		86-108	30-AUG-06
Arsenic (As)			89		%		84-105	30-AUG-06
Barium (Ba)			93		%		88-109	30-AUG-06
Beryllium (Be)			95		%		78-113	30-AUG-06
Boron (B)			99		%		80-116	30-AUG-06
Cadmium (Cd)			91		%		87-109	30-AUG-06
Calcium (Ca)			88		%		86-111	30-AUG-06
Chromium (Cr)			101		%		91-116	30-AUG-06
Cobalt (Co)			93		%		89-109	30-AUG-06
Copper (Cu)			94		%		90-112	30-AUG-06
Lead (Pb)			91		%		89-110	30-AUG-06
Magnesium (Mg)			93		%		89-113	30-AUG-06
Molybdenum (Mo)			94		%		88-111	30-AUG-06
Nickel (Ni)			92		%		88-110	30-AUG-06
Potassium (K)			103		%		88-119	30-AUG-06
Selenium (Se)			86		%		78-106	30-AUG-06
Silver (Ag)			88		%		23-119	30-AUG-06
Sodium (Na)			92		%		87-114	30-AUG-06
Strontium (Sr)			93		%		84-119	30-AUG-06
Vanadium (V)			94		%		86-112	30-AUG-06
Zinc (Zn)			90		%		78-119	30-AUG-06
Manganese (Mn)			98	G	%		120-150	30-AUG-06
WG489546-3 DUP		**L423161-4**						

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R437705								
WG489546-3 DUP		**L423161-4**						
Aluminum (Al)		0.0492	0.0496		mg/L	0.90	18	30-AUG-06
Antimony (Sb)		0.00015	0.00014	J	mg/L	0.00001	0.00012	30-AUG-06
Arsenic (As)		0.00009	0.00009	J	mg/L	0.00000	0.00012	30-AUG-06
Barium (Ba)		0.0202	0.0195		mg/L	3.4	15	30-AUG-06
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	30-AUG-06
Boron (B)		0.018	0.018		mg/L	3.1	12	30-AUG-06
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	30-AUG-06
Chromium (Cr)		0.00052	0.00051	J	mg/L	0.00001	0.00024	30-AUG-06
Cobalt (Co)		0.0008	0.0008	J	mg/L	0.0000	0.0004	30-AUG-06
Copper (Cu)		0.0064	0.0063		mg/L	1.8	25	30-AUG-06
Iron (Fe)		0.099	0.093		mg/L	7.0	18	30-AUG-06
Lead (Pb)		0.00007	0.00007	J	mg/L	0.00000	0.0002	30-AUG-06
Manganese (Mn)		0.0156	0.0150		mg/L	4.0	10	30-AUG-06
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	33	30-AUG-06
Molybdenum (Mo)		0.00991	0.00980		mg/L	1.1	15	30-AUG-06
Nickel (Ni)		0.00737	0.00715		mg/L	3.1	13	30-AUG-06
Selenium (Se)		0.0002	0.0002	J	mg/L	0.0000	0.0004	30-AUG-06
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	30-AUG-06
Strontium (Sr)		0.104	0.103		mg/L	0.52	9.5	30-AUG-06
Uranium (U)		0.00034	0.00035	J	mg/L	0.00000	0.0002	30-AUG-06
Vanadium (V)		0.00025	0.00023	J	mg/L	0.00002	0.0002	30-AUG-06
Zinc (Zn)		0.0052	0.0050	J	mg/L	0.0002	0.0032	30-AUG-06
WG489546-4 DUP		**L425657-2**						
Aluminum (Al)		0.0018	0.0017	J	mg/L	0.0000	0.0012	30-AUG-06
Antimony (Sb)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	15	30-AUG-06
Arsenic (As)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	17	30-AUG-06
Barium (Ba)		0.00344	0.00350		mg/L	1.7	15	30-AUG-06
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	30-AUG-06
Boron (B)		0.131	0.130		mg/L	0.89	12	30-AUG-06
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	30-AUG-06
Chromium (Cr)		0.00052	0.00042	J	mg/L	0.00009	0.00024	30-AUG-06
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	15	30-AUG-06
Copper (Cu)		<0.0006	<0.0006	RPD-NA	mg/L	N/A	25	30-AUG-06

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R437705								
WG489546-4 DUP		**L425657-2**						
Iron (Fe)		0.083	0.081		mg/L	2.7	18	30-AUG-06
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	24	30-AUG-06
Manganese (Mn)		0.0040	0.0040		mg/L	0.73	10	30-AUG-06
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	33	30-AUG-06
Molybdenum (Mo)		0.00673	0.00679		mg/L	0.89	15	30-AUG-06
Nickel (Ni)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	13	30-AUG-06
Selenium (Se)		0.0002	0.0002	J	mg/L	0.0000	0.0004	30-AUG-06
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	30-AUG-06
Strontium (Sr)		0.546	0.555		mg/L	1.8	9.5	30-AUG-06
Uranium (U)		0.00035	0.00036	J	mg/L	0.00000	0.0002	30-AUG-06
Vanadium (V)		0.00022	0.00023	J	mg/L	0.00001	0.0002	30-AUG-06
Zinc (Zn)		<0.0008	<0.0008	RPD-NA	mg/L	N/A	33	30-AUG-06
WG489546-5 DUP		**L427332-4**						
Aluminum (Al)		0.0128	0.0119		mg/L	6.9	18	30-AUG-06
Antimony (Sb)		0.00016	0.00017	J	mg/L	0.00000	0.00012	30-AUG-06
Arsenic (As)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	17	30-AUG-06
Barium (Ba)		0.0403	0.0407		mg/L	1.2	15	30-AUG-06
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	30-AUG-06
Boron (B)		0.130	0.130		mg/L	0.090	12	30-AUG-06
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	30-AUG-06
Chromium (Cr)		0.00021	<0.00006	G	mg/L	N/A	28	30-AUG-06
Cobalt (Co)		0.0001	0.0001	J	mg/L	0.0000	0.0004	30-AUG-06
Copper (Cu)		0.0008	0.0008	J	mg/L	0.0000	0.0024	30-AUG-06
Iron (Fe)		0.257	0.259		mg/L	0.84	18	30-AUG-06
Lead (Pb)		0.00006	0.00006	J	mg/L	0.00000	0.0002	30-AUG-06
Manganese (Mn)		0.0102	0.0104		mg/L	1.7	10	30-AUG-06
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	33	30-AUG-06
Molybdenum (Mo)		0.00554	0.00565		mg/L	2.0	15	30-AUG-06
Nickel (Ni)		0.00056	0.00057	J	mg/L	0.00001	0.00024	30-AUG-06
Selenium (Se)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	29	30-AUG-06
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	30-AUG-06
Strontium (Sr)		3.60	3.68		mg/L	2.2	9.5	30-AUG-06
Uranium (U)		0.00116	0.00117		mg/L	0.86	10	30-AUG-06

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R437705								
WG489546-5 DUP		**L427332-4**						
Vanadium (V)		0.00062	0.00058		mg/L	7.7	27	30-AUG-06
Zinc (Zn)		0.0008	0.0009	J	mg/L	0.0000	0.0032	30-AUG-06
WG489546-6 DUP		**L426575-3**						
Aluminum (Al)		0.0017	0.0018	J	mg/L	0.0001	0.0012	30-AUG-06
Antimony (Sb)		0.00018	0.00017	J	mg/L	0.00000	0.00012	30-AUG-06
Arsenic (As)		0.00026	0.00026	J	mg/L	0.00000	0.00012	30-AUG-06
Barium (Ba)		0.00944	0.00930		mg/L	1.5	15	30-AUG-06
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	30-AUG-06
Boron (B)		0.008	0.008	J	mg/L	0.000	0.004	30-AUG-06
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	30-AUG-06
Calcium (Ca)		22.0	22.1		mg/L	0.65	9.8	30-AUG-06
Chromium (Cr)		0.00019	0.00020	J	mg/L	0.00000	0.00024	30-AUG-06
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	15	30-AUG-06
Copper (Cu)		<0.0006	<0.0006	RPD-NA	mg/L	N/A	25	30-AUG-06
Iron (Fe)		0.045	0.048	J	mg/L	0.003	0.02	30-AUG-06
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	24	30-AUG-06
Magnesium (Mg)		5.92	5.83		mg/L	1.5	9.8	30-AUG-06
Manganese (Mn)		0.0034	0.0034		mg/L	1.5	10	30-AUG-06
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	33	30-AUG-06
Molybdenum (Mo)		0.00022	0.00022	J	mg/L	0.00000	0.00024	30-AUG-06
Nickel (Ni)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	13	30-AUG-06
Potassium (K)		1.27	1.26		mg/L	0.61	9.8	30-AUG-06
Selenium (Se)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	29	30-AUG-06
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	30-AUG-06
Sodium (Na)		8.82	8.68		mg/L	1.6	9.8	30-AUG-06
Strontium (Sr)		0.0244	0.0242		mg/L	0.67	9.5	30-AUG-06
Uranium (U)		0.00038	0.00037	J	mg/L	0.00000	0.0002	30-AUG-06
Vanadium (V)		0.00039	0.00037	J	mg/L	0.00003	0.0002	30-AUG-06
Zinc (Zn)		<0.0008	<0.0008	RPD-NA	mg/L	N/A	33	30-AUG-06
WG489546-1 MB								
Aluminum (Al)			<0.0003		mg/L		0.0015	30-AUG-06
Antimony (Sb)			<0.00003		mg/L		0.00015	30-AUG-06
Arsenic (As)			<0.00003		mg/L		0.00015	30-AUG-06

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R437705								
WG489546-1 MB								
Barium (Ba)			<0.00005		mg/L		0.00025	30-AUG-06
Beryllium (Be)			<0.0002		mg/L		0.001	30-AUG-06
Boron (B)			0.001		mg/L		0.005	30-AUG-06
Cadmium (Cd)			<0.00005		mg/L		0.00025	30-AUG-06
Calcium (Ca)			<0.02		mg/L		0.1	30-AUG-06
Chromium (Cr)			<0.00006		mg/L		0.0003	30-AUG-06
Cobalt (Co)			<0.0001		mg/L		0.0005	30-AUG-06
Copper (Cu)			<0.0006		mg/L		0.003	30-AUG-06
Iron (Fe)			<0.005		mg/L		0.025	30-AUG-06
Lead (Pb)			<0.00005		mg/L		0.00025	30-AUG-06
Magnesium (Mg)			<0.004		mg/L		0.02	30-AUG-06
Manganese (Mn)			<0.0001		mg/L		0.0005	30-AUG-06
Mercury (Hg)			<0.00002		mg/L		0.0001	30-AUG-06
Molybdenum (Mo)			<0.00006		mg/L		0.0003	30-AUG-06
Nickel (Ni)			<0.00006		mg/L		0.0003	30-AUG-06
Potassium (K)			<0.02		mg/L		0.1	30-AUG-06
Selenium (Se)			<0.0001		mg/L		0.0005	30-AUG-06
Silver (Ag)			<0.0001		mg/L		0.0005	30-AUG-06
Sodium (Na)			<0.005		mg/L		0.025	30-AUG-06
Strontium (Sr)			<0.0001		mg/L		0.0005	30-AUG-06
Uranium (U)			<0.00005		mg/L		0.00025	30-AUG-06
Vanadium (V)			<0.00005		mg/L		0.00025	30-AUG-06
Zinc (Zn)			<0.0008		mg/L		0.004	30-AUG-06
Batch R438335								
WG490618-2 CRM		**1643E_WATER**						
Aluminum (Al)			112		%		91-123	01-SEP-06
Arsenic (As)			93		%		84-105	01-SEP-06
Barium (Ba)			93		%		88-109	01-SEP-06
Beryllium (Be)			94		%		78-113	01-SEP-06
Boron (B)			104		%		80-116	01-SEP-06
Cadmium (Cd)			98		%		87-109	01-SEP-06
Calcium (Ca)			92		%		86-111	01-SEP-06
Chromium (Cr)			98		%		91-116	01-SEP-06

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R438335								
WG490618-2 CRM		**1643E_WATER**						
Cobalt (Co)			97		%		89-109	01-SEP-06
Copper (Cu)			110		%		90-112	01-SEP-06
Lead (Pb)			92		%		89-110	01-SEP-06
Magnesium (Mg)			96		%		89-113	01-SEP-06
Molybdenum (Mo)			94		%		88-111	01-SEP-06
Nickel (Ni)			95		%		88-110	01-SEP-06
Potassium (K)			101		%		88-119	01-SEP-06
Selenium (Se)			96		%		78-106	01-SEP-06
Sodium (Na)			95		%		87-114	01-SEP-06
Strontium (Sr)			94		%		84-119	01-SEP-06
Vanadium (V)			95		%		86-112	01-SEP-06
WG490618-3 DUP		**L424533-9**						
Aluminum (Al)		0.0047	0.0045		mg/L	4.6	18	01-SEP-06
Antimony (Sb)		0.00010	0.00011	J	mg/L	0.00001	0.00012	01-SEP-06
Arsenic (As)		0.00018	0.00018	J	mg/L	0.00000	0.00012	01-SEP-06
Barium (Ba)		0.00148	0.00157		mg/L	6.2	15	01-SEP-06
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	01-SEP-06
Boron (B)		0.002	0.002	J	mg/L	0.000	0.004	01-SEP-06
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	01-SEP-06
Calcium (Ca)		0.88	0.89		mg/L	1.7	9.8	01-SEP-06
Chromium (Cr)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	28	01-SEP-06
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	15	01-SEP-06
Copper (Cu)		0.0006	0.0006	J	mg/L	0.0000	0.0024	01-SEP-06
Iron (Fe)		0.010	0.009	J	mg/L	0.001	0.02	01-SEP-06
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	24	01-SEP-06
Magnesium (Mg)		0.550	0.569		mg/L	3.4	9.8	01-SEP-06
Manganese (Mn)		0.0021	0.0021		mg/L	1.0	10	01-SEP-06
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	33	01-SEP-06
Molybdenum (Mo)		0.00006	0.00006	J	mg/L	0.00000	0.00024	01-SEP-06
Nickel (Ni)		0.00087	0.00095		mg/L	8.0	13	01-SEP-06
Potassium (K)		0.50	0.51		mg/L	3.2	9.8	01-SEP-06
Selenium (Se)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	29	01-SEP-06
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	01-SEP-06

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R438335								
WG490618-3 DUP		**L424533-9**						
Sodium (Na)		0.506	0.516		mg/L	1.9	9.8	01-SEP-06
Strontium (Sr)		0.0060	0.0061		mg/L	1.7	9.5	01-SEP-06
Uranium (U)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	10	01-SEP-06
Vanadium (V)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	27	01-SEP-06
Zinc (Zn)		0.0008	<0.0008	RPD-NA	mg/L	N/A	33	01-SEP-06
WG490618-4 DUP		**L426575-7**						
Aluminum (Al)		0.0025	0.0023	J	mg/L	0.0002	0.0012	01-SEP-06
Antimony (Sb)		0.00024	0.00026	J	mg/L	0.00002	0.00012	01-SEP-06
Arsenic (As)		0.00017	0.00018	J	mg/L	0.00001	0.00012	01-SEP-06
Barium (Ba)		0.00647	0.00677		mg/L	4.5	15	01-SEP-06
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	01-SEP-06
Boron (B)		0.009	0.009	J	mg/L	0.000	0.004	01-SEP-06
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	01-SEP-06
Calcium (Ca)		36.5	37.1		mg/L	1.6	9.8	01-SEP-06
Chromium (Cr)		0.00142	0.00138		mg/L	2.4	28	01-SEP-06
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	15	01-SEP-06
Copper (Cu)		<0.0006	<0.0006	RPD-NA	mg/L	N/A	25	01-SEP-06
Iron (Fe)		0.080	0.078		mg/L	2.4	18	01-SEP-06
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	24	01-SEP-06
Magnesium (Mg)		8.37	8.55		mg/L	2.1	9.8	01-SEP-06
Manganese (Mn)		0.0012	0.0012		mg/L	3.5	10	01-SEP-06
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	33	01-SEP-06
Molybdenum (Mo)		0.00016	0.00016	J	mg/L	0.00000	0.00024	01-SEP-06
Nickel (Ni)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	13	01-SEP-06
Potassium (K)		1.34	1.38		mg/L	2.3	9.8	01-SEP-06
Selenium (Se)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	29	01-SEP-06
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	01-SEP-06
Sodium (Na)		4.70	4.80		mg/L	2.1	9.8	01-SEP-06
Strontium (Sr)		0.0595	0.0651		mg/L	9.0	9.5	01-SEP-06
Uranium (U)		0.00025	0.00026	J	mg/L	0.00001	0.0002	01-SEP-06
Vanadium (V)		0.00005	0.00006	J	mg/L	0.00001	0.0002	01-SEP-06
Zinc (Zn)		<0.0008	<0.0008	RPD-NA	mg/L	N/A	33	01-SEP-06
WG490618-5 DUP		**L426575-11**						

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R438335								
WG490618-5 DUP		**L426575-11**						
Aluminum (Al)		0.0030	0.0028	J	mg/L	0.0002	0.0012	01-SEP-06
Antimony (Sb)		0.00010	0.00010	J	mg/L	0.00000	0.00012	01-SEP-06
Arsenic (As)		0.00008	0.00008	J	mg/L	0.00000	0.00012	01-SEP-06
Barium (Ba)		0.0142	0.0142		mg/L	0.042	15	01-SEP-06
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	01-SEP-06
Boron (B)		0.003	0.003	J	mg/L	0.000	0.004	01-SEP-06
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	01-SEP-06
Calcium (Ca)		17.3	17.4		mg/L	0.30	9.8	01-SEP-06
Chromium (Cr)		0.00070	0.00066		mg/L	6.1	28	01-SEP-06
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	15	01-SEP-06
Copper (Cu)		0.0008	0.0008	J	mg/L	0.0000	0.0024	01-SEP-06
Iron (Fe)		0.030	0.027	J	mg/L	0.002	0.02	01-SEP-06
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	24	01-SEP-06
Magnesium (Mg)		3.82	3.81		mg/L	0.14	9.8	01-SEP-06
Manganese (Mn)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	10	01-SEP-06
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	33	01-SEP-06
Molybdenum (Mo)		0.00009	0.00009	J	mg/L	0.00000	0.00024	01-SEP-06
Nickel (Ni)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	13	01-SEP-06
Potassium (K)		1.29	1.29		mg/L	0.020	9.8	01-SEP-06
Selenium (Se)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	29	01-SEP-06
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	01-SEP-06
Sodium (Na)		2.42	2.43		mg/L	0.38	9.8	01-SEP-06
Strontium (Sr)		0.0142	0.0143		mg/L	0.68	9.5	01-SEP-06
Uranium (U)		0.00066	0.00064		mg/L	2.2	10	01-SEP-06
Vanadium (V)		0.00007	0.00007	J	mg/L	0.00001	0.0002	01-SEP-06
Zinc (Zn)		<0.0008	<0.0008	RPD-NA	mg/L	N/A	33	01-SEP-06
WG490618-6 DUP		**L426575-18**						
Aluminum (Al)		0.0010	0.0011	J	mg/L	0.0002	0.0012	01-SEP-06
Antimony (Sb)		0.00008	0.00008	J	mg/L	0.00000	0.00012	01-SEP-06
Arsenic (As)		0.00018	0.00015	J	mg/L	0.00002	0.00012	01-SEP-06
Barium (Ba)		0.00680	0.00705		mg/L	3.7	15	01-SEP-06
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	01-SEP-06
Boron (B)		0.012	0.012		mg/L	1.1	12	01-SEP-06

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R438335								
WG490618-6 DUP		**L426575-18**						
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	01-SEP-06
Calcium (Ca)		28.8	28.4		mg/L	1.6	9.8	01-SEP-06
Chromium (Cr)		0.00116	0.00115		mg/L	0.43	28	01-SEP-06
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	15	01-SEP-06
Copper (Cu)		<0.0006	<0.0006	RPD-NA	mg/L	N/A	25	01-SEP-06
Iron (Fe)		0.059	0.062		mg/L	6.1	18	01-SEP-06
Lead (Pb)		0.00007	0.00007	J	mg/L	0.00000	0.0002	01-SEP-06
Magnesium (Mg)		8.44	8.51		mg/L	0.87	9.8	01-SEP-06
Manganese (Mn)		0.0005	0.0005	J	mg/L	0.0000	0.0004	01-SEP-06
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	33	01-SEP-06
Molybdenum (Mo)		0.00020	0.00020	J	mg/L	0.00000	0.00024	01-SEP-06
Nickel (Ni)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	13	01-SEP-06
Potassium (K)		1.43	1.40		mg/L	2.1	9.8	01-SEP-06
Selenium (Se)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	29	01-SEP-06
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	01-SEP-06
Sodium (Na)		6.48	6.51		mg/L	0.46	9.8	01-SEP-06
Strontium (Sr)		0.0533	0.0537		mg/L	0.81	9.5	01-SEP-06
Uranium (U)		0.00028	0.00028	J	mg/L	0.00000	0.0002	01-SEP-06
Vanadium (V)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	27	01-SEP-06
Zinc (Zn)		<0.0008	<0.0008	RPD-NA	mg/L	N/A	33	01-SEP-06
WG490618-1 MB								
Aluminum (Al)			<0.0003		mg/L		0.0015	01-SEP-06
Antimony (Sb)			<0.00003		mg/L		0.00015	01-SEP-06
Arsenic (As)			<0.00003		mg/L		0.00015	01-SEP-06
Barium (Ba)			<0.00005		mg/L		0.00025	01-SEP-06
Beryllium (Be)			<0.0002		mg/L		0.001	01-SEP-06
Boron (B)			0.002		mg/L		0.005	01-SEP-06
Cadmium (Cd)			<0.00005		mg/L		0.00025	01-SEP-06
Calcium (Ca)			<0.02		mg/L		0.1	01-SEP-06
Chromium (Cr)			<0.00006		mg/L		0.0003	01-SEP-06
Cobalt (Co)			<0.0001		mg/L		0.0005	01-SEP-06
Copper (Cu)			<0.0006		mg/L		0.003	01-SEP-06
Iron (Fe)			<0.005		mg/L		0.025	01-SEP-06

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R438335								
WG490618-1 MB								
Lead (Pb)			<0.00005		mg/L		0.00025	01-SEP-06
Magnesium (Mg)			<0.004		mg/L		0.02	01-SEP-06
Manganese (Mn)			<0.0001		mg/L		0.0005	01-SEP-06
Mercury (Hg)			<0.00002		mg/L		0.0001	01-SEP-06
Molybdenum (Mo)			<0.00006		mg/L		0.0003	01-SEP-06
Nickel (Ni)			<0.00006		mg/L		0.0003	01-SEP-06
Potassium (K)			<0.02		mg/L		0.1	01-SEP-06
Selenium (Se)			<0.0001		mg/L		0.0005	01-SEP-06
Silver (Ag)			<0.0001		mg/L		0.0005	01-SEP-06
Sodium (Na)			<0.005		mg/L		0.025	01-SEP-06
Strontium (Sr)			<0.0001		mg/L		0.0005	01-SEP-06
Uranium (U)			<0.00005		mg/L		0.00025	01-SEP-06
Vanadium (V)			<0.00005		mg/L		0.00025	01-SEP-06
Zinc (Zn)			<0.0008		mg/L		0.004	01-SEP-06
MET2-ULTRA-DIS-ED	**Water**							
Batch R437187								
WG490205-1 MB								
Iron (Fe)			<0.005		mg/L		0.025	31-AUG-06
WG490205-3 MS		**L423161-3**						
Iron (Fe)			99		%		88-111	31-AUG-06
Batch R438752								
WG491822-10 DUP		**L426575-7**						
Iron (Fe)		0.009	0.010	J	mg/L	0.001	0.02	06-SEP-06
WG491822-12 DUP		**L426575-12**						
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	13	06-SEP-06
WG491822-14 DUP		**L426575-18**						
Iron (Fe)		0.005	0.005	J	mg/L	0.000	0.02	06-SEP-06
WG491822-2 DUP		**L424530-3**						
Iron (Fe)		0.006	0.007	J	mg/L	0.001	0.02	06-SEP-06
WG491822-8 DUP		**L424536-7**						
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	13	06-SEP-06
WG491822-1 MB								
Iron (Fe)			<0.005		mg/L		0.025	06-SEP-06
WG491822-11 MS		**L426575-7**						
Iron (Fe)			101		%		88-111	06-SEP-06

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET2-ULTRA-DIS-ED	**Water**							
Batch R438752								
WG491822-13 MS		**L426575-12**						
Iron (Fe)			103		%		88-111	06-SEP-06
WG491822-15 MS		**L426575-18**						
Iron (Fe)			96		%		88-111	06-SEP-06
WG491822-3 MS		**L424530-3**						
Iron (Fe)			98		%		88-111	06-SEP-06
WG491822-9 MS		**L424536-7**						
Iron (Fe)			97		%		88-111	06-SEP-06
MET2-ULTRA-ED	**Water**							
Batch R437187								
WG490205-4 DUP		**L425657-2**						
Iron (Fe)		0.039	0.039	J	mg/L	0.000	0.02	31-AUG-06
WG490205-6 DUP		**L426575-3**						
Iron (Fe)		0.014	0.013	J	mg/L	0.001	0.02	31-AUG-06
WG490205-1 MB								
Iron (Fe)			<0.005		mg/L		0.025	31-AUG-06
WG490205-5 MS		**L425657-2**						
Iron (Fe)			102		%		84-117	31-AUG-06
WG490205-7 MS		**L426575-3**						
Iron (Fe)			96		%		84-117	31-AUG-06
Batch R438752								
WG491822-4 DUP		**L424530-8**						
Iron (Fe)		0.010	0.010	J	mg/L	0.000	0.02	06-SEP-06
WG491822-6 DUP		**L424533-5**						
Iron (Fe)		0.006	0.006	J	mg/L	0.000	0.02	06-SEP-06
WG491822-1 MB								
Iron (Fe)			<0.005		mg/L		0.025	06-SEP-06
WG491822-5 MS		**L424530-8**						
Iron (Fe)			99		%		84-117	06-SEP-06
WG491822-7 MS		**L424533-5**						
Iron (Fe)			97		%		84-117	06-SEP-06
N2N3-ED	**Water**							
Batch R435678								
WG488274-10 DUP		**L426575-1**						
Nitrate+Nitrite-N		<0.1	<0.1	RPD-NA	mg/L	N/A	6.9	28-AUG-06
WG488274-4 DUP		**L426243-2**						
Nitrate+Nitrite-N		<0.1	<0.1	RPD-NA	mg/L	N/A	6.9	28-AUG-06

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
N2N3-ED	**Water**							
Batch R435678								
WG488274-6 DUP		**L426346-8**						
Nitrate+Nitrite-N		0.1	0.1	J	mg/L	0.0	0.4	28-AUG-06
WG488274-8 DUP		**L426350-9**						
Nitrate+Nitrite-N		<0.1	<0.1	RPD-NA	mg/L	N/A	6.9	28-AUG-06
WG488274-3 LCS								
Nitrate+Nitrite-N			99		%		87-113	28-AUG-06
WG488274-2 MB								
Nitrate+Nitrite-N			<0.1		mg/L		0.1	28-AUG-06
WG488274-11 MS		**L426578-2**						
Nitrate+Nitrite-N			96		%		76-121	28-AUG-06
WG488274-7 MS		**L426348-8**						
Nitrate+Nitrite-N			95		%		76-121	28-AUG-06
WG488274-9 MS		**L426350-12**						
Nitrate+Nitrite-N			92		%		76-121	28-AUG-06
NH4-LOW-ED	**Water**							
Batch R436387								
WG489379-6 DUP		**L426539-22**						
Ammonia-N		<0.005	<0.005	RPD-NA	mg/L	N/A	10	30-AUG-06
WG489379-8 DUP		**L426575-18**						
Ammonia-N		<0.005	<0.005	RPD-NA	mg/L	N/A	10	30-AUG-06
WG489379-9 DUP		**L426604-3**						
Ammonia-N		0.390	0.382		mg/L	2.1	10	30-AUG-06
WG489379-2 LCS								
Ammonia-N			99		%		81-118	30-AUG-06
WG489379-3 LCS								
Ammonia-N			104		%		80-118	30-AUG-06
WG489379-1 MB								
Ammonia-N			<0.005		mg/L		0.005	30-AUG-06
WG489379-5 MS		**L426539-12**						
Ammonia-N			104		%		84-120	30-AUG-06
WG489379-7 MS		**L426575-7**						
Ammonia-N			97		%		84-120	30-AUG-06
NO2-ED	**Water**							
Batch R435678								
WG488274-10 DUP		**L426575-1**						
Nitrite-N		<0.05	<0.05	RPD-NA	mg/L	N/A	6.5	28-AUG-06
WG488274-4 DUP		**L426243-2**						

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
NO2-ED	**Water**							
Batch R435678								
WG488274-4 DUP		**L426243-2**						
Nitrite-N		<0.05	<0.05	RPD-NA	mg/L	N/A	6.5	28-AUG-06
WG488274-6 DUP		**L426346-8**						
Nitrite-N		<0.05	<0.05	RPD-NA	mg/L	N/A	6.5	28-AUG-06
WG488274-8 DUP		**L426350-9**						
Nitrite-N		<0.05	<0.05	RPD-NA	mg/L	N/A	6.5	28-AUG-06
WG488274-3 LCS								
Nitrite-N			101		%		90-110	28-AUG-06
WG488274-2 MB								
Nitrite-N			<0.05		mg/L		0.05	28-AUG-06
WG488274-11 MS		**L426578-2**						
Nitrite-N			103		%		88-113	28-AUG-06
WG488274-5 MS		**L426315-1**						
Nitrite-N			100		%		88-113	28-AUG-06
WG488274-7 MS		**L426348-8**						
Nitrite-N			101		%		88-113	28-AUG-06
WG488274-9 MS		**L426350-12**						
Nitrite-N			101		%		88-113	28-AUG-06
PH/EC/ALK-ED	**Water**							
Batch R435812								
WG488572-3 DUP		**L426575-18**						
Alkalinity, Total (as CaCO3)		100	99		mg/L	0.43	6.5	28-AUG-06
Bicarbonate (HCO3)		122	121		mg/L	0.43	26	28-AUG-06
Carbonate (CO3)		<5	<5	RPD-NA	mg/L	N/A	26	28-AUG-06
Conductivity (EC)		235	235		uS/cm	0.0	7.1	28-AUG-06
Hydroxide (OH)		<5	<5	RPD-NA	mg/L	N/A	26	28-AUG-06
pH		8.2	8.3	J	pH	0.0	0.2	28-AUG-06
WG488572-4 DUP		**L426346-11**						
Alkalinity, Total (as CaCO3)		503	507		mg/L	0.88	6.5	29-AUG-06
Bicarbonate (HCO3)		613	619		mg/L	0.88	26	29-AUG-06
Carbonate (CO3)		<5	<5	RPD-NA	mg/L	N/A	26	29-AUG-06
Conductivity (EC)		1050	1060		uS/cm	0.19	7.1	29-AUG-06
Hydroxide (OH)		<5	<5	RPD-NA	mg/L	N/A	26	29-AUG-06
pH		7.8	7.8	J	pH	0.0	0.2	29-AUG-06
WG488572-1 LCS								
pH			7.0		pH		6.9-7.1	28-AUG-06

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PH/EC/ALK-ED	**Water**							
Batch R435812								
WG488572-2 LCS								
Alkalinity, Total (as CaCO3)			103		%		90-110	28-AUG-06
WG488572-6 LCS								
Conductivity (EC)			98		%		94-106	28-AUG-06
WG488572-7 LCS								
Conductivity (EC)			50400		uS/cm		40600-622	28-AUG-06
WG488572-5 MB								
Alkalinity, Total (as CaCO3)			<5		mg/L		5	28-AUG-06
Bicarbonate (HCO3)			<5		mg/L		5	28-AUG-06
Carbonate (CO3)			<5		mg/L		5	28-AUG-06
Hydroxide (OH)			<5		mg/L		5	28-AUG-06

ALS Laboratory Group Quality Control Report

Legend:

Limit	99% Confidence Interval (Laboratory Control Limits)
DUP	Duplicate
RPD	Relative Percent Difference
N/A	Not Available
LCS	Laboratory Control Sample
SRM	Standard Reference Material
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ADE	Average Desorption Efficiency
MB	Method Blank
IRM	Internal Reference Material
CRM	Certified Reference Material
CCV	Continuing Calibration Verification
CVS	Calibration Verification Standard
LCSD	Laboratory Control Sample Duplicate

Qualifier:

RPD-NA	Relative Percent Difference Not Available due to result(s) being less than detection limit.
A	Method blank exceeds acceptance limit. Blank correction not applied, unless the qualifier "RAMB" (result adjusted for method blank) appears in the Analytical Report.
B	Method blank result exceeds acceptance limit, however, it is less than 5% of sample concentration. Blank correction not applied.
E	Matrix spike recovery may fall outside the acceptance limits due to high sample background.
F	Silver recovery low, likely due to elevated chloride levels in sample.
G	Outlier - No assignable cause for nonconformity has been determined.
J	Duplicate results and limit(s) are expressed in terms of absolute difference.
K	The sample referenced above is of a non-standard matrix type; standard QC acceptance criteria may not be achievable.
L	Low matrix spike recovery due to instability of spiked analyte in the sample matrix.

CHAIN OF CUSTODY / ANALYTICAL REQUEST FORM

EnviroTest LABORATORIES

CANADA TOLL FREE 1-800-668-9878

WWW.ENVIROTEST.COM

COC # 261024

Pg. 1 of 2

DATE: Aug 24/06

LAB WORK ORDER # L426575

REPORT TO:

COMPANY: EBA Engineering Consultants

CONTACT: Steve Moore

ADDRESS: 4910-49 st
Yellowknife, NT

PHONE: (867) 920-2287 FAX: (867) 873-3324

CELLPHONE:

INVOICE TO: SAME (Y) / N

COMPANY:

CONTACT:

ADDRESS:

PHONE: FAX:

REPORT DISTRIBUTION ALL FINAL RESULTS WILL BE MAILED

EMAIL ✓ FAX

EMAIL 1: smoore@eba.ca

EMAIL 2: klanglois@eba.ca

DIGITAL EMAIL:

SELECT: pdf digital both ✓

SERVICE REQUESTED

- ✓ REGULAR SERVICE (DEFAULT)
- PRIORITY SERVICE (50% SURCHARGE)
- EMERGENCY SERVICE (100% SURCHARGE)

JOB # 1740183

PO/AFE:

LSD:

QUOTE #

ANALYSIS REQUEST

INDICATE BOTTLES: FILTERED/PRESERVED (F/P) ▶

SAMPLE ID	SAMPLING LOCATION	SAMPLED BY / DATE / TIME	SAMPLING METHOD	SAMPLE TYPE	TOC	Nutrients	Routine Ultra Low Total Metals	Ultra Low Dissolved Metals	HAZARDOUS ?	NUMBER OF CONTAINERS	HIGHLY CONTAMINATED ?	LAB SAMPLE #
Station 1	Roche Bay	SM/KL/Aug 22/06	Grab	Water	✓	✓	✓	✓	✓			
Station 3	"	SM/KL/Aug 23/06	"	"	✓	✓	✓	✓	✓			
Station 5	"	SM/KL/Aug 22/06	"	"	✓	✓	✓	✓	✓			
Station 6	"	"	"	"	✓	✓	✓	✓	✓			
Station 7	"	"	"	"	✓	✓	✓	✓	✓			
Station 8	"	SM/KL/Aug 22/06	"	"	✓	✓	✓	✓	✓			
Station 8 Dup	"	" "	"	"	✓	✓	✓	✓	✓			
Station 9	"	"	"	"	✓	✓	✓	✓	✓			
Station 10	"	SM/KL/Aug 21/06	"	"	✓	✓	✓	✓	✓			
Station 11	"	SM/KL/Aug 22/06	"	"	✓	✓	✓	✓	✓			
Station 12	"	SM/KL/Aug 21/06	"	"	✓	✓	✓	✓	✓			
Station 12 Dup	"	"	"	"	✓	✓	✓	✓	✓			

GUIDELINES / REGULATIONS

CCME

SPECIAL INSTRUCTIONS / NATURE OF HAZARDOUS MATERIAL

SAMPLE CONDITION

- FROZEN
- COLD
- AMBIENT

MEAN TEMPERATURE

Failure to complete all portions of this form may delay analysis. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the reverse of the white report copy.

RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:	SAMPLE CONDITION ACCEPTABLE UPON RECEIPT ? (Y/N)
Kaela Langlois	Aug 24/06		Aug 28/06	
RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME: 11:14	

CHAIN OF CUSTODY / ANALYTICAL REQUEST FORM

ETL EnviroTest LABORATORIES

CANADA TOLL FREE 1-800-668-9878

COC #261023

WWW.ENVIROTEST.COM

REPORT TO:	
COMPANY:	EBA Engineering Consultants
CONTACT:	Steve Moore
ADDRESS:	4910-49st Yellowknife, NT
PHONE: (867)920-2287 FAX: (867)873-3324	
CELLPHONE:	
INVOICE TO:	SAME (Y) N
COMPANY:	
CONTACT:	
ADDRESS:	
PHONE: FAX:	

DATE: Aug 24/06

REPORT DISTRIBUTION ALL FINAL RESULTS WILL BE MAILED

EMAIL ✓ FAX

EMAIL 1: smoore@eba.ca

EMAIL 2: klanglois@eba.ca

DIGITAL EMAIL:

SELECT: pdf digital both ✓

JOB # 1740183

PO/AFE:

LSD:

QUOTE #

LAB WORK ORDER #

SERVICE REQUESTED

- ✓ REGULAR SERVICE (DEFAULT)
- PRIORITY SERVICE (50% SURCHARGE)
- EMERGENCY SERVICE (100% SURCHARGE)

ANALYSIS REQUEST

INDICATE BOTTLES: FILTERED/PRESERVED (F/P) ▶

SAMPLE ID	SAMPLING LOCATION	SAMPLED BY / DATE / TIME	SAMPLING METHOD	SAMPLE TYPE	TOC	Nutrients	Routine	Ultra Low Total Metals	Ultra Low Dissolved Metals	HAZARDOUS ?	NUMBER OF CONTAINERS	HIGHLY CONTAMINATED ?	LAB SAMPLE #
Station 13	Roche Bay	SM/KL/Aug24/06	Grab	Water	✓	✓	✓	✓	✓				
Station 14	"	SM/KL/Aug25/06	Grab	Water	✓	✓	✓	✓	✓				
Field Blank	"	SM/KL/Aug24/06		"	✓	✓	✓	✓	✓				
Travel Blank	"			"	✓	✓	✓	✓	✓				
Filter Blank	"								✓				
Station 15	"	SM/KL/Aug 22/06	Grab	Water	✓	✓	✓	✓	✓				

GUIDELINES / REGULATIONS

CCME

SPECIAL INSTRUCTIONS / NATURE OF HAZARDOUS MATERIAL

SAMPLE CONDITION

- FROZEN
- COLD
- AMBIENT

MEAN TEMPERATURE

Failure to complete all portions of this form may delay analysis. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the reverse of the white report copy.

RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:	SAMPLE CONDITION ACCEPTABLE UPON RECEIPT ? (Y/N)
Karla Langlois	Aug 24/06			
RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:	

ANALYTICAL REPORT

EBA ENG CONSULTANTS LTD

ATTN: STEVE MOORE

201- 4916 49 STREET
PO BOX 2244
YELLOWKNIFE NT X1A 2P7

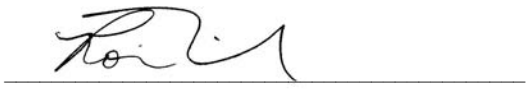
Reported On: 18-JUL-07 04:40 PM

Lab Work Order #: **L524795** **Date Received:** **03-JUL-07**

Project P.O. #:
Job Reference: 1740183
Legal Site Desc:
CofC Numbers: A040189

Other Information:

Comments: L524795-4, -5, -7, -10, -11, -14, -15, -16, -19, -20, -23, -24: Analysis for total metals was changed from ultra low level to low level analysis because samples contained to many suspended samples.



RON MINKS
Director, Western Canada Operations

For any questions about this report please contact your Account Manager:

CATHERINE EVARISTO-CORDERO

THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN AUTHORITY OF THE LABORATORY.
ALL SAMPLES WILL BE DISPOSED OF AFTER 30 DAYS FOLLOWING ANALYSIS. PLEASE CONTACT THE LAB IF YOU REQUIRE ADDITIONAL SAMPLE STORAGE TIME.

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-1	WQ1								
Sampled By:	NOT PROVIDED on 25-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0012		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00013		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00739		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.002		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	12.4		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	2.28		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0092		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00007		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00014		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.60		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	0.991		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0098		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00029		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0065		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.006		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Ultra-Low Metals							
		Ultra-Low Metals							
		Aluminum (Al)	0.0061		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00014		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00766		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.002		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	12.8		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	0.00007		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	2.41		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0093		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00007		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00015		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.64		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	1.04		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0099		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00034		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00006		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0008		0.0008	mg/L		12-JUL-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-1	WQ1								
Sampled By:	NOT PROVIDED on 25-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals							
		Iron (Fe)	0.016		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	13.5		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	2.6		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.8		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	1		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	44			mg/L		12-JUL-07	
		Ion Balance	Low EC			%		12-JUL-07	
		TDS (Calculated)	47			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	43		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	53		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	87.8		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	7.7		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	1		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	2.40		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.3		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.3		0.1	mg/L		11-JUL-07	HAS
		Ammonia-N	0.105		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0007		0.0001	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0007		0.0001	mg/L		12-JUL-07	QLI
		Phosphorus, Total	0.008		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	3		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	<3		3	mg/L		04-JUL-07	SVG
		Turbidity	1.2		0.1	NTU		03-JUL-07	LD
L524795-2	WQ2								
Sampled By:	NOT PROVIDED on 25-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0034		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-2	WQ2								
Sampled By:	NOT PROVIDED on 25-JUN-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
		Ultra-Low Metals - Dissolved							
		Arsenic (As)	0.00030		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.0110		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.002		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	10.1		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	2.01		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0025		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00008		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00057		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.92		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	1.07		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0095		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00036		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0027		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.009		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
	Ultra-Low Metals								
		Ultra-Low Metals							
		Aluminum (Al)	0.0073		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00031		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.0111		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.002		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	10.1		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	2.02		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0029		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00008		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00053		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.94		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	1.07		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0093		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00038		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.018		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-2	WQ2								
Sampled By:	NOT PROVIDED on 25-JUN-07								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	11.0		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	2.5		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	1.1		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	2		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	38			mg/L		12-JUL-07	
		Ion Balance	Low EC			%		12-JUL-07	
		TDS (Calculated)	43			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	33		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	41		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	78.9		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	7.6		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	2		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	0.018		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	0.015		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	0.003		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	4.96		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.3		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.3		0.1	mg/L		11-JUL-07	HAS
		Ammonia-N	0.040		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0006		0.0001	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0006		0.0001	mg/L		12-JUL-07	QLI
		Phosphorus, Total	0.006		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	3		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	<3		3	mg/L		04-JUL-07	SVG
		Turbidity	1.0		0.1	NTU		03-JUL-07	LD
L524795-3	WQ14								
Sampled By:	NOT PROVIDED on 25-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0151		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00488		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-3	WQ14								
Sampled By:	NOT PROVIDED on 25-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Boron (B)	0.001		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	4.41		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	0.00011		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	0.0007		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	0.914		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0056		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00007		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00048		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.45		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	1.42		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0066		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00015		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00009		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0030		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.011		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Ultra-Low Metals							
		Ultra-Low Metals							
		Aluminum (Al)	0.0639		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00006		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00541		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.002		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	4.38		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	0.00023		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	0.0008		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	0.00007		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	0.955		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0068		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00043		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.47		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	1.39		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0064		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00017		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00018		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0030		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.091		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	4.5		0.5	mg/L		05-JUL-07	CJN

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-3	WQ14								
Sampled By:	NOT PROVIDED on 25-JUN-07								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Magnesium (Mg)	0.9		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.6		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	2		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	15			mg/L		12-JUL-07	
		Ion Balance	Low EC			%		12-JUL-07	
		TDS (Calculated)	20			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	14		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	17		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	38.1		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	7.2		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	2		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	0.034		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	0.034		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	1.35		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.5		0.1	mg/L		11-JUL-07	HAS
		Ammonia-N	0.024		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0003		0.0001	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0002		0.0001	mg/L		12-JUL-07	QLI
		Phosphorus, Total	0.006		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	3		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	<3		3	mg/L		04-JUL-07	SVG
		Turbidity	0.45		0.1	NTU		03-JUL-07	LD
L524795-4	GW11								
Sampled By:	NOT PROVIDED on 25-JUN-07								
Matrix:	WATER								
		Total Metals							
		Total Major Metals							
		Calcium (Ca)	13.0		0.5	mg/L		06-JUL-07	SYF
		Iron (Fe)	0.188		0.005	mg/L		06-JUL-07	SYF
		Magnesium (Mg)	2.5		0.1	mg/L		06-JUL-07	SYF
		Manganese (Mn)	0.008		0.001	mg/L		06-JUL-07	SYF
		Potassium (K)	0.7		0.1	mg/L		06-JUL-07	SYF
		Sodium (Na)	1		1	mg/L		06-JUL-07	SYF

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-4	GW11								
Sampled By:	NOT PROVIDED on 25-JUN-07								
Matrix:	WATER								
	Total Metals								
		Total Trace Metals (Low Level)							
		Aluminum (Al)	0.13		0.02	mg/L		10-JUL-07	CVM
		Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Barium (Ba)	0.0100		0.0002	mg/L		10-JUL-07	CVM
		Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Boron (B)	<0.02		0.02	mg/L		10-JUL-07	CVM
		Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Chromium (Cr)	<0.0008		0.0008	mg/L		10-JUL-07	CVM
		Cobalt (Co)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Copper (Cu)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Lead (Pb)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Molybdenum (Mo)	0.0001		0.0001	mg/L		10-JUL-07	CVM
		Nickel (Ni)	0.0008		0.0002	mg/L		10-JUL-07	CVM
		Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Strontium (Sr)	0.0129		0.0002	mg/L		10-JUL-07	CVM
		Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Titanium (Ti)	0.008		0.005	mg/L		10-JUL-07	CVM
		Uranium (U)	0.0022		0.0001	mg/L		10-JUL-07	CVM
		Vanadium (V)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Zinc (Zn)	<0.004		0.004	mg/L		10-JUL-07	CVM
	Ultra-Low Metals - Dissolved								
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0045		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00009		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00878		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.002		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	12.5		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	0.0008		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	2.16		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0044		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00015		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00035		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.81		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	1.11		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0113		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00206		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0026		0.0008	mg/L		12-JUL-07	QLI
	Iron (Fe)		0.015		0.005	mg/L		11-JUL-07	HAS
	Mercury (Hg)		<0.00002		0.00002	mg/L		09-JUL-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-4	GW11								
Sampled By:	NOT PROVIDED on 25-JUN-07								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	12.9		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	2.5		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.9		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	2		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	43			mg/L		12-JUL-07	
		Ion Balance	Low EC			%		12-JUL-07	
		TDS (Calculated)	48			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	39		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	48		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	89.6		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	7.7		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	2		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	0.016		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	0.016		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	4.25		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.5		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.7		0.1	mg/L		06-JUL-07	SYF
		Total Trace Metals (Low Level)							
		Lithium (Li)-Total	<0.006		0.006	mg/L		10-JUL-07	CVM
		Ammonia-N	0.015		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0006		0.0001	mg/L		12-JUL-07	QLI
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Phosphorus, Total	0.017		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	3		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	4		3	mg/L		04-JUL-07	SVG
		Turbidity	0.40		0.1	NTU		03-JUL-07	LD
L524795-5	GW11 DUPLICATE								
Sampled By:	NOT PROVIDED on 25-JUN-07								
Matrix:	WATER								
		Total Metals							
		Total Major Metals							
		Calcium (Ca)	12.9		0.5	mg/L		06-JUL-07	SYF
		Iron (Fe)	0.215		0.005	mg/L		06-JUL-07	SYF
		Magnesium (Mg)	2.4		0.1	mg/L		06-JUL-07	SYF
		Manganese (Mn)	0.008		0.001	mg/L		06-JUL-07	SYF
		Potassium (K)	0.7		0.1	mg/L		06-JUL-07	SYF

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-5	GW11 DUPLICATE								
Sampled By:	NOT PROVIDED on 25-JUN-07								
Matrix:	WATER								
	Total Metals								
	Total Major Metals								
		Sodium (Na)	1		1	mg/L		06-JUL-07	SYF
	Total Trace Metals (Low Level)								
		Aluminum (Al)	0.14		0.02	mg/L		10-JUL-07	CVM
		Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Barium (Ba)	0.0100		0.0002	mg/L		10-JUL-07	CVM
		Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Boron (B)	<0.02		0.02	mg/L		10-JUL-07	CVM
		Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Chromium (Cr)	<0.0008		0.0008	mg/L		10-JUL-07	CVM
		Cobalt (Co)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Copper (Cu)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Lead (Pb)	0.0001		0.0001	mg/L		10-JUL-07	CVM
		Molybdenum (Mo)	0.0001		0.0001	mg/L		10-JUL-07	CVM
		Nickel (Ni)	0.0008		0.0002	mg/L		10-JUL-07	CVM
		Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Strontium (Sr)	0.0128		0.0002	mg/L		10-JUL-07	CVM
		Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Titanium (Ti)	0.010		0.005	mg/L		10-JUL-07	CVM
		Uranium (U)	0.0022		0.0001	mg/L		10-JUL-07	CVM
		Vanadium (V)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Zinc (Zn)	0.005		0.004	mg/L		10-JUL-07	CVM
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0044		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00008		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00867		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.002		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	12.6		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	0.0007		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	2.20		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0044		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00015		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00034		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.83		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	1.16		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0111		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00210		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0028		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.016		0.005	mg/L		11-JUL-07	HAS

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-5	GW11 DUPLICATE								
Sampled By:	NOT PROVIDED on 25-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	12.9		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	2.4		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.9		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	1		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	42			mg/L		12-JUL-07	
		Ion Balance	Low EC			%		12-JUL-07	
		TDS (Calculated)	47			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	39		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	48		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	89.4		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	7.7		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	2		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	0.016		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	0.016		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	4.25		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.5		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.7		0.1	mg/L		06-JUL-07	SYF
		Total Trace Metals (Low Level)							
		Lithium (Li)-Total	<0.006		0.006	mg/L		10-JUL-07	CVM
		Ammonia-N	0.027		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0006		0.0001	mg/L		12-JUL-07	QLI
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Phosphorus, Total	0.015		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	3		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	5		3	mg/L		04-JUL-07	SVG
		Turbidity	0.65		0.1	NTU		03-JUL-07	LD
L524795-6	WQ5								
Sampled By:	NOT PROVIDED on 26-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0007		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-6	WQ5								
Sampled By:	NOT PROVIDED on 26-JUN-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
		Ultra-Low Metals - Dissolved							
		Arsenic (As)	0.00031		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.0125		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.010		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	30.6		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	6.94		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0008		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00028		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00017		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	1.52		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	0.0002		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	10.8		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0336		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00061		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00011		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0039		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
	Ultra-Low Metals								
		Ultra-Low Metals							
		Aluminum (Al)	0.0034		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00031		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.0128		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.009		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	30.5		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	0.00008		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	7.11		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0020		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00028		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00012		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	1.56		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	0.0002		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	10.8		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0337		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00070		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00014		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0009		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.011		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-6	WQ5								
Sampled By:	NOT PROVIDED on 26-JUN-07								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	31.1		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	7.3		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	1.5		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	10		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	108			mg/L		12-JUL-07	
		Ion Balance	100			%		12-JUL-07	
		TDS (Calculated)	134			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	97		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	119		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	257		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	8.1		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	17		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	9.21		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.8		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.8		0.1	mg/L		11-JUL-07	HAS
		Ammonia-N	<0.005		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0018		0.0001	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0019		0.0001	mg/L		12-JUL-07	QLI
		Phosphorus, Total	0.005		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	3		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	<3		3	mg/L		04-JUL-07	SVG
		Turbidity	0.45		0.1	NTU		03-JUL-07	LD
L524795-7	WQ11								
Sampled By:	NOT PROVIDED on 26-JUN-07								
Matrix:	WATER								
		Total Metals							
		Total Major Metals							
		Calcium (Ca)	11.6		0.5	mg/L		06-JUL-07	SYF
		Iron (Fe)	0.247		0.005	mg/L		06-JUL-07	SYF
		Magnesium (Mg)	2.8		0.1	mg/L		06-JUL-07	SYF
		Manganese (Mn)	0.006		0.001	mg/L		06-JUL-07	SYF
		Potassium (K)	0.6		0.1	mg/L		06-JUL-07	SYF

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-7	WQ11								
Sampled By:	NOT PROVIDED on 26-JUN-07								
Matrix:	WATER								
	Total Metals								
	Total Major Metals								
		Sodium (Na)	1		1	mg/L		06-JUL-07	SYF
	Total Trace Metals (Low Level)								
		Aluminum (Al)	0.15		0.02	mg/L		10-JUL-07	CVM
		Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Barium (Ba)	0.0063		0.0002	mg/L		10-JUL-07	CVM
		Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Boron (B)	<0.02		0.02	mg/L		10-JUL-07	CVM
		Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Chromium (Cr)	<0.0008		0.0008	mg/L		10-JUL-07	CVM
		Cobalt (Co)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Copper (Cu)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Lead (Pb)	0.0001		0.0001	mg/L		10-JUL-07	CVM
		Molybdenum (Mo)	0.0002		0.0001	mg/L		10-JUL-07	CVM
		Nickel (Ni)	0.0009		0.0002	mg/L		10-JUL-07	CVM
		Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Strontium (Sr)	0.0121		0.0002	mg/L		10-JUL-07	CVM
		Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Titanium (Ti)	0.011		0.005	mg/L		10-JUL-07	CVM
		Uranium (U)	0.0011		0.0001	mg/L		10-JUL-07	CVM
		Vanadium (V)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Zinc (Zn)	<0.004		0.004	mg/L		10-JUL-07	CVM
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0034		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00005		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00455		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.002		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	10.5		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	0.00009		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	2.28		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0021		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00011		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00023		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.54		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	1.19		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0079		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00099		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0025		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.017		0.005	mg/L		11-JUL-07	HAS

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-7	WQ11								
Sampled By:	NOT PROVIDED on 26-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	10.9		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	2.5		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.6		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	2		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	38			mg/L		12-JUL-07	
		Ion Balance	Low EC			%		12-JUL-07	
		TDS (Calculated)	42			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	37		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	45		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	78.5		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	7.7		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	2		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	0.017		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	0.017		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	1.48		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.3		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.6		0.1	mg/L		06-JUL-07	SYF
		Total Trace Metals (Low Level)							
		Lithium (Li)-Total	<0.006		0.006	mg/L		10-JUL-07	CVM
		Ammonia-N	0.013		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0005		0.0001	mg/L		12-JUL-07	QLI
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Phosphorus, Total	0.010		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	3		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	4		3	mg/L		04-JUL-07	SVG
		Turbidity	0.35		0.1	NTU		03-JUL-07	LD
L524795-8	WQ8								
Sampled By:	NOT PROVIDED on 26-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0009		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-8	WQ8								
Sampled By:	NOT PROVIDED on 26-JUN-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
		Ultra-Low Metals - Dissolved							
		Arsenic (As)	0.00014		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00461		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.005		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	20.5		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	3.29		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0079		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00012		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00008		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.60		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	2.39		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0277		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00018		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00005		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0078		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.038		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
	Ultra-Low Metals								
		Ultra-Low Metals							
		Aluminum (Al)	0.0053		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00014		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00457		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.004		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	20.1		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	3.32		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0080		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00010		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.61		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	2.37		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0269		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00020		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00009		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0014		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.059		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-8	WQ8								
Sampled By:	NOT PROVIDED on 26-JUN-07								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	20.9		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	3.7		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.7		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	3		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	67			mg/L		12-JUL-07	
		Ion Balance	106			%		12-JUL-07	
		TDS (Calculated)	73			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	60		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	73		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	140		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	7.9		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	4		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	4.67		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.4		0.1	mg/L		11-JUL-07	HAS
		Ammonia-N	0.025		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0010		0.0001	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0011		0.0001	mg/L		12-JUL-07	QLI
		Phosphorus, Total	0.006		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	5		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	<3		3	mg/L		04-JUL-07	SVG
		Turbidity	0.45		0.1	NTU		03-JUL-07	LD
L524795-9	WQ8 DUPLICATE								
Sampled By:	NOT PROVIDED on 26-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0007		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00014		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00447		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-9	WQ8 DUPLICATE								
Sampled By:	NOT PROVIDED on 26-JUN-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	0.004		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	20.3		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	0.00054		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	3.25		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0088		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00013		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00023		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.60		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	2.37		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0274		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00019		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00027		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0032		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.023		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0049		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00014		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00450		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.004		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	20.1		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	0.00007		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	3.30		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0073		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00010		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00009		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.61		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	2.38		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0277		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00020		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00009		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0014		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.039		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	20.8		0.5	mg/L		05-JUL-07	CJN

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-9	WQ8 DUPLICATE								
Sampled By:	NOT PROVIDED on 26-JUN-07								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Magnesium (Mg)	3.7		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.7		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	3		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	67			mg/L		12-JUL-07	
		Ion Balance	105			%		12-JUL-07	
		TDS (Calculated)	73			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	61		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	74		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	141		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	7.9		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	4		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	4.69		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.4		0.1	mg/L		11-JUL-07	HAS
		Ammonia-N	0.015		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0011		0.0001	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0011		0.0001	mg/L		12-JUL-07	QLI
		Phosphorus, Total	0.007		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	5		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	<3		3	mg/L		04-JUL-07	SVG
		Turbidity	0.35		0.1	NTU		03-JUL-07	LD
L524795-10	WQ6								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Total Metals							
		Total Major Metals							
		Calcium (Ca)	15.5		0.5	mg/L		10-JUL-07	SYF
		Iron (Fe)	0.054		0.005	mg/L		10-JUL-07	SYF
		Magnesium (Mg)	3.3		0.1	mg/L		10-JUL-07	SYF
		Manganese (Mn)	0.003		0.001	mg/L		10-JUL-07	SYF
		Potassium (K)	1.0		0.1	mg/L		10-JUL-07	SYF
		Sodium (Na)	1		1	mg/L		10-JUL-07	SYF

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-10	WQ6								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Total Metals							
		Total Trace Metals (Low Level)							
		Aluminum (Al)	0.03		0.02	mg/L		10-JUL-07	CVM
		Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Barium (Ba)	0.0120		0.0002	mg/L		10-JUL-07	CVM
		Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Boron (B)	<0.02		0.02	mg/L		10-JUL-07	CVM
		Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Chromium (Cr)	<0.0008		0.0008	mg/L		10-JUL-07	CVM
		Cobalt (Co)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Copper (Cu)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Lead (Pb)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Molybdenum (Mo)	0.0001		0.0001	mg/L		10-JUL-07	CVM
		Nickel (Ni)	0.0007		0.0002	mg/L		10-JUL-07	CVM
		Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Strontium (Sr)	0.0140		0.0002	mg/L		10-JUL-07	CVM
		Thallium (Tl)	0.0001		0.0001	mg/L		10-JUL-07	CVM
		Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Titanium (Ti)	<0.005		0.005	mg/L		10-JUL-07	CVM
		Uranium (U)	0.0008		0.0001	mg/L		10-JUL-07	CVM
		Vanadium (V)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Zinc (Zn)	<0.004		0.004	mg/L		10-JUL-07	CVM
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0018		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00021		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.0121		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.002		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	16.1		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	0.00008		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	3.37		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0009		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00011		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00031		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	1.03		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	1.64		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0141		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00069		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00006		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0030		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.006		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Routine Water: Major Ions,F,Fe,Mn - Low							

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-10	WQ6								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	17.3		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	3.8		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	1.2		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	2		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	59			mg/L		12-JUL-07	
		Ion Balance	107			%		12-JUL-07	
		TDS (Calculated)	63			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	52		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	63		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	120		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	7.9		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	2		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	5.97		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.4		0.1	mg/L		10-JUL-07	SYF
		Total Trace Metals (Low Level)							
		Lithium (Li)-Total	<0.006		0.006	mg/L		10-JUL-07	CVM
		Ammonia-N	0.032		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0009		0.0001	mg/L		12-JUL-07	QLI
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Phosphorus, Total	0.005		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	3		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	10		3	mg/L		04-JUL-07	SVG
		Turbidity	0.35		0.1	NTU		03-JUL-07	LD
L524795-11	WQ7								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Total Metals							
		Total Major Metals							
		Calcium (Ca)	38.9		0.5	mg/L		10-JUL-07	SYF
		Iron (Fe)	0.021		0.005	mg/L		10-JUL-07	SYF
		Magnesium (Mg)	5.0		0.1	mg/L		10-JUL-07	SYF
		Manganese (Mn)	<0.001		0.001	mg/L		10-JUL-07	SYF
		Potassium (K)	1.0		0.1	mg/L		10-JUL-07	SYF

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-11	WQ7								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Total Metals							
		Total Major Metals							
		Sodium (Na)	4		1	mg/L		10-JUL-07	SYF
		Total Trace Metals (Low Level)							
		Aluminum (Al)	<0.02		0.02	mg/L		10-JUL-07	CVM
		Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Barium (Ba)	0.0100		0.0002	mg/L		10-JUL-07	CVM
		Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Boron (B)	<0.02		0.02	mg/L		10-JUL-07	CVM
		Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Chromium (Cr)	<0.0008		0.0008	mg/L		10-JUL-07	CVM
		Cobalt (Co)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Copper (Cu)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Lead (Pb)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Molybdenum (Mo)	0.0002		0.0001	mg/L		10-JUL-07	CVM
		Nickel (Ni)	0.0009		0.0002	mg/L		10-JUL-07	CVM
		Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Strontium (Sr)	0.0502		0.0002	mg/L		10-JUL-07	CVM
		Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Titanium (Ti)	<0.005		0.005	mg/L		10-JUL-07	CVM
		Uranium (U)	0.0004		0.0001	mg/L		10-JUL-07	CVM
		Vanadium (V)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Zinc (Zn)	<0.004		0.004	mg/L		10-JUL-07	CVM
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0007		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00014		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00875		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.012		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	40.3		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	5.28		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0007		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00019		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00020		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.94		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	4.31		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0490		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00031		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00007		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0046		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.005		0.005	mg/L		11-JUL-07	HAS

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-11	WQ7								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	41.1		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	5.8		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.9		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	4		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	127			mg/L		12-JUL-07	
		Ion Balance	101			%		12-JUL-07	
		TDS (Calculated)	137			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	120		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	146		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	253		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	8.2		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	6		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	6.89		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.5		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.5		0.1	mg/L		10-JUL-07	SYF
		Total Trace Metals (Low Level)							
		Lithium (Li)-Total	<0.006		0.006	mg/L		10-JUL-07	CVM
		Ammonia-N	0.075		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0021		0.0001	mg/L		12-JUL-07	QLI
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Phosphorus, Total	0.015		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	3		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	<3		3	mg/L		04-JUL-07	SVG
		Turbidity	0.35		0.1	NTU		03-JUL-07	LD
L524795-12	WQ9								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0007		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-12	WQ9								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Arsenic (As)	0.00008		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00199		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.004		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	14.4		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	0.00007		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	1.74		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0053		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00008		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00010		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.34		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	1.15		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0224		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00006		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0029		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.020		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Ultra-Low Metals							
		Ultra-Low Metals							
		Aluminum (Al)	0.0034		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00007		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00201		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.004		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	14.1		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	1.69		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0061		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00006		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.33		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	1.12		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0218		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00006		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.031		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-12	WQ9								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	14.9		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	1.9		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.4		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	2		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	45			mg/L		12-JUL-07	
		Ion Balance	Low EC			%		12-JUL-07	
		TDS (Calculated)	49			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	44		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	54		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	91.8		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	7.8		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	2		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	1.55		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.2		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.2		0.1	mg/L		11-JUL-07	HAS
		Ammonia-N	0.015		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0005		0.0001	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0006		0.0001	mg/L		12-JUL-07	QLI
		Phosphorus, Total	0.006		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	3		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	<3		3	mg/L		04-JUL-07	SVG
		Turbidity	0.35		0.1	NTU		03-JUL-07	LD
L524795-13	WQ10								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0008		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00021		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.0110		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-13	WQ10								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Boron (B)	0.019		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	40.5		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	6.71		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0007		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00035		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00011		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	1.39		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	5.54		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0508		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00047		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00007		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0045		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.015		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Ultra-Low Metals							
		Ultra-Low Metals							
		Aluminum (Al)	0.0025		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00021		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.0112		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.018		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	40.5		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	6.81		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0019		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00033		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00007		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	1.42		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	5.54		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0506		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00051		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00010		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0014		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.029		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	42.5		0.5	mg/L		05-JUL-07	CJN

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-13	WQ10								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Magnesium (Mg)	7.7		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	1.4		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	6		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	138			mg/L		12-JUL-07	
		Ion Balance	104			%		12-JUL-07	
		TDS (Calculated)	152			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	120		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	146		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	277		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	8.2		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	10		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	12.1		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.7		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.7		0.1	mg/L		11-JUL-07	HAS
		Ammonia-N	0.069		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0031		0.0001	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0032		0.0001	mg/L		12-JUL-07	QLI
		Phosphorus, Total	0.006		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	5		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	<3		3	mg/L		04-JUL-07	SVG
		Turbidity	0.40		0.1	NTU		03-JUL-07	LD
L524795-14	WQ12								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Total Metals							
		Total Major Metals							
		Calcium (Ca)	8.1		0.5	mg/L		10-JUL-07	SYF
		Iron (Fe)	0.422		0.005	mg/L		10-JUL-07	SYF
		Magnesium (Mg)	2.0		0.1	mg/L		10-JUL-07	SYF
		Manganese (Mn)	0.009		0.001	mg/L		10-JUL-07	SYF
		Potassium (K)	0.7		0.1	mg/L		10-JUL-07	SYF
		Sodium (Na)	1		1	mg/L		10-JUL-07	SYF

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-14	WQ12								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
	Total Metals								
	Total Trace Metals (Low Level)								
		Aluminum (Al)	0.33		0.02	mg/L		10-JUL-07	CVM
		Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Barium (Ba)	0.0080		0.0002	mg/L		10-JUL-07	CVM
		Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Boron (B)	<0.02		0.02	mg/L		10-JUL-07	CVM
		Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Chromium (Cr)	<0.0008		0.0008	mg/L		10-JUL-07	CVM
		Cobalt (Co)	0.0002		0.0002	mg/L		10-JUL-07	CVM
		Copper (Cu)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Lead (Pb)	0.0002		0.0001	mg/L		10-JUL-07	CVM
		Molybdenum (Mo)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Nickel (Ni)	0.0009		0.0002	mg/L		10-JUL-07	CVM
		Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Strontium (Sr)	0.0083		0.0002	mg/L		10-JUL-07	CVM
		Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Titanium (Ti)	0.020		0.005	mg/L		10-JUL-07	CVM
		Uranium (U)	0.0002		0.0001	mg/L		10-JUL-07	CVM
		Vanadium (V)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Zinc (Zn)	<0.004		0.004	mg/L		10-JUL-07	CVM
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0083		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00006		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00567		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.002		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	6.67		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	0.00008		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	1.35		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0013		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00019		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.53		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	1.12		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0056		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00011		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00008		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0032		0.0008	mg/L		12-JUL-07	QLI
	Iron (Fe)		0.012		0.005	mg/L		11-JUL-07	HAS
	Mercury (Hg)		<0.00002		0.00002	mg/L		09-JUL-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-14	WQ12								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	7.4		0.5	mg/L		06-JUL-07	JWU
		Magnesium (Mg)	0.8		0.1	mg/L		06-JUL-07	JWU
		Potassium (K)	1.4		0.1	mg/L		06-JUL-07	JWU
		Sodium (Na)	3		1	mg/L		06-JUL-07	JWU
		Ion Balance Calculation							
		Hardness (as CaCO3)	22			mg/L		12-JUL-07	
		Ion Balance	Low EC			%		12-JUL-07	
		TDS (Calculated)	31			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	26		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	32		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	54.6		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	7.7		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	2		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	0.015		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	0.015		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	0.78		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.3		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.9		0.1	mg/L		10-JUL-07	SYF
		Total Trace Metals (Low Level)							
		Lithium (Li)-Total	<0.006		0.006	mg/L		10-JUL-07	CVM
		Ammonia-N	0.009		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0004		0.0001	mg/L		12-JUL-07	QLI
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Phosphorus, Total	0.015		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	3		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	10		3	mg/L		04-JUL-07	SVG
		Turbidity	1.1		0.1	NTU		03-JUL-07	LD
L524795-15	WQ12 DUPLICATE								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Total Metals							
		Total Major Metals							
		Calcium (Ca)	8.2		0.5	mg/L		10-JUL-07	SYF
		Iron (Fe)	0.403		0.005	mg/L		10-JUL-07	SYF
		Magnesium (Mg)	2.0		0.1	mg/L		10-JUL-07	SYF
		Manganese (Mn)	0.008		0.001	mg/L		10-JUL-07	SYF
		Potassium (K)	0.7		0.1	mg/L		10-JUL-07	SYF

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-15	WQ12 DUPLICATE								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
	Total Metals								
	Total Major Metals								
		Sodium (Na)	1		1	mg/L		10-JUL-07	SYF
	Total Trace Metals (Low Level)								
		Aluminum (Al)	0.32		0.02	mg/L		10-JUL-07	CVM
		Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Barium (Ba)	0.0081		0.0002	mg/L		10-JUL-07	CVM
		Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Boron (B)	<0.02		0.02	mg/L		10-JUL-07	CVM
		Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Chromium (Cr)	<0.0008		0.0008	mg/L		10-JUL-07	CVM
		Cobalt (Co)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Copper (Cu)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Lead (Pb)	0.0002		0.0001	mg/L		10-JUL-07	CVM
		Molybdenum (Mo)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Nickel (Ni)	0.0011		0.0002	mg/L		10-JUL-07	CVM
		Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Strontium (Sr)	0.0087		0.0002	mg/L		10-JUL-07	CVM
		Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Titanium (Ti)	0.022		0.005	mg/L		10-JUL-07	CVM
		Uranium (U)	0.0002		0.0001	mg/L		10-JUL-07	CVM
		Vanadium (V)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Zinc (Zn)	<0.004		0.004	mg/L		10-JUL-07	CVM
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0082		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00005		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00568		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.002		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	6.56		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	0.00009		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	1.34		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0013		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00021		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.52		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	1.12		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0056		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00011		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00009		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0026		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.012		0.005	mg/L		11-JUL-07	HAS

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID / Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-15	WQ12 DUPLICATE							
Sampled By:	NOT PROVIDED on 27-JUN-07							
Matrix:	WATER							
	Ultra-Low Metals - Dissolved							
	Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low							
	ICP metals for routine water							
	Calcium (Ca)	7.4		0.5	mg/L		05-JUL-07	CJN
	Magnesium (Mg)	1.3		0.1	mg/L		05-JUL-07	CJN
	Potassium (K)	0.7		0.1	mg/L		05-JUL-07	CJN
	Sodium (Na)	2		1	mg/L		05-JUL-07	CJN
	Ion Balance Calculation							
	Hardness (as CaCO3)	24			mg/L		12-JUL-07	
	Ion Balance	Low EC			%		12-JUL-07	
	TDS (Calculated)	29			mg/L		12-JUL-07	
	pH, Conductivity and Total Alkalinity							
	Alkalinity, Total (as CaCO3)	25		5	mg/L		04-JUL-07	CLT
	Bicarbonate (HCO3)	30		5	mg/L		04-JUL-07	CLT
	Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
	Conductivity (EC)	54.5		0.2	uS/cm		04-JUL-07	CLT
	Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
	pH	7.7		0.1	pH		04-JUL-07	CLT
	Chloride (Cl)	2		1	mg/L		04-JUL-07	RGM/
	Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
	Nitrate+Nitrite-N	0.016		0.006	mg/L		03-JUL-07	FYG
	Nitrate-N	0.014		0.006	mg/L		03-JUL-07	FYG
	Nitrite-N	0.002		0.002	mg/L		03-JUL-07	FYG
	Sulphate (SO4)	0.75		0.05	mg/L		03-JUL-07	JTV
	Dissolved Metals							
	Silicon (Si)-Dissolved	0.3		0.1	mg/L		11-JUL-07	HAS
	Inorganic approval & RPD chain							
	Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
	Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
	Total Metals							
	Silicon (Si)-Total	0.8		0.1	mg/L		10-JUL-07	SYF
	Total Trace Metals (Low Level)							
	Lithium (Li)-Total	<0.006		0.006	mg/L		10-JUL-07	CVM
	Ammonia-N	0.008		0.005	mg/L		12-JUL-07	MCH
	Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
	Lithium (Li)	0.0004		0.0001	mg/L		12-JUL-07	QLI
	Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
	Phosphorus, Total	0.018		0.001	mg/L		05-JUL-07	MCH
	Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
	Total Organic Carbon	3		1	mg/L		12-JUL-07	ZOW
	Total Suspended Solids	12		3	mg/L		04-JUL-07	SVG
	Turbidity	1.0		0.1	NTU		03-JUL-07	LD
L524795-16	WQ13							
Sampled By:	NOT PROVIDED on 27-JUN-07							
Matrix:	WATER							
	Total Metals							
	Total Major Metals							
	Calcium (Ca)	12.9		0.5	mg/L		10-JUL-07	SYF
	Iron (Fe)	0.013		0.005	mg/L		10-JUL-07	SYF

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-16	WQ13								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Total Metals							
		Total Major Metals							
		Magnesium (Mg)	2.7		0.1	mg/L		10-JUL-07	SYF
		Manganese (Mn)	<0.001		0.001	mg/L		10-JUL-07	SYF
		Potassium (K)	0.9		0.1	mg/L		10-JUL-07	SYF
		Sodium (Na)	1		1	mg/L		10-JUL-07	SYF
		Total Trace Metals (Low Level)							
		Aluminum (Al)	<0.02		0.02	mg/L		10-JUL-07	CVM
		Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Barium (Ba)	0.0113		0.0002	mg/L		10-JUL-07	CVM
		Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Boron (B)	<0.02		0.02	mg/L		10-JUL-07	CVM
		Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Chromium (Cr)	<0.0008		0.0008	mg/L		10-JUL-07	CVM
		Cobalt (Co)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Copper (Cu)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Lead (Pb)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Molybdenum (Mo)	0.0001		0.0001	mg/L		10-JUL-07	CVM
		Nickel (Ni)	0.0004		0.0002	mg/L		10-JUL-07	CVM
		Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Strontium (Sr)	0.0127		0.0002	mg/L		10-JUL-07	CVM
		Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Titanium (Ti)	<0.005		0.005	mg/L		10-JUL-07	CVM
		Uranium (U)	0.0001		0.0001	mg/L		10-JUL-07	CVM
		Vanadium (V)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Zinc (Zn)	<0.004		0.004	mg/L		10-JUL-07	CVM
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0034		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00008		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.0107		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.003		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	14.1		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	2.79		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0001		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00010		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00023		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.82		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	1.15		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0106		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00010		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00007		0.00005	mg/L		12-JUL-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-16	WQ13								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Zinc (Zn)	0.0024		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	13.5		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	2.7		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.8		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	1		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	45			mg/L		12-JUL-07	
		Ion Balance	Low EC			%		12-JUL-07	
		TDS (Calculated)	51			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	49		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	60		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	98.4		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	7.9		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	2		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	1.56		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.3		0.1	mg/L		10-JUL-07	SYF
		Total Trace Metals (Low Level)							
		Lithium (Li)-Total	<0.006		0.006	mg/L		10-JUL-07	CVM
		Ammonia-N	<0.005		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0009		0.0001	mg/L		12-JUL-07	QLI
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Phosphorus, Total	0.004		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	3		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	<3		3	mg/L		04-JUL-07	SVG
		Turbidity	0.35		0.1	NTU		03-JUL-07	LD
L524795-17	WQ15								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-17	WQ15								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0007		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00016		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00643		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.009		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	25.2		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	4.47		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0104		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00015		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00018		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.80		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	3.71		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0370		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00027		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0075		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.049		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
	Ultra-Low Metals								
		Ultra-Low Metals							
		Aluminum (Al)	0.0028		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00017		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00634		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.009		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	24.8		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	4.51		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0106		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00014		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00011		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.82		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	3.79		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0360		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00029		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00008		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		12-JUL-07	QLI

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-17	WQ15								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals							
		Iron (Fe)	0.073		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	27.2		0.5	mg/L		13-JUL-07	JWU
		Magnesium (Mg)	5.0		0.1	mg/L		13-JUL-07	JWU
		Potassium (K)	0.8		0.1	mg/L		13-JUL-07	JWU
		Sodium (Na)	6		1	mg/L		13-JUL-07	JWU
		Ion Balance Calculation							
		Hardness (as CaCO3)	89			mg/L		14-JUL-07	
		Ion Balance	108			%		14-JUL-07	
		TDS (Calculated)	99			mg/L		14-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	83		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	101		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	184		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	8.0		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	5		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	5.07		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.5		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.5		0.1	mg/L		11-JUL-07	HAS
		Ammonia-N	0.041		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0014		0.0001	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0014		0.0001	mg/L		12-JUL-07	QLI
		Phosphorus, Total	0.010		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	5		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	<3		3	mg/L		04-JUL-07	SVG
		Turbidity	0.70		0.1	NTU		03-JUL-07	LD
L524795-18	GW1								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0026		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-18	GW1								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Arsenic (As)	0.00006		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00505		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.003		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	14.9		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	2.76		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0008		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00012		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00014		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.60		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	0.978		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0111		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00035		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00006		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0027		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0117		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00007		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00527		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.003		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	15.2		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	2.83		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0013		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00012		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00012		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.62		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	0.957	RRVAP	0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0112		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00044		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00009		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0014		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.022		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-18	GW1								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	14.8		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	2.8		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.7		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	1		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	48			mg/L		12-JUL-07	
		Ion Balance	94.6			%		12-JUL-07	
		TDS (Calculated)	53			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	50		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	61		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	103		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	7.9		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	2		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	0.009		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	0.009		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	1.57		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.2		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.3		0.1	mg/L		11-JUL-07	HAS
		Ammonia-N	<0.005		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0006		0.0001	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0005		0.0001	mg/L		12-JUL-07	QLI
		Phosphorus, Total	0.005		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	2		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	<3		3	mg/L		04-JUL-07	SVG
		Turbidity	0.45		0.1	NTU		03-JUL-07	LD
L524795-19	GW2								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Total Metals							
		Total Major Metals							
		Calcium (Ca)	14.9		0.5	mg/L		10-JUL-07	SYF
		Iron (Fe)	0.610		0.005	mg/L		10-JUL-07	SYF
		Magnesium (Mg)	3.1		0.1	mg/L		10-JUL-07	SYF
		Manganese (Mn)	0.011		0.001	mg/L		10-JUL-07	SYF
		Potassium (K)	0.8		0.1	mg/L		10-JUL-07	SYF

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-19	GW2								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
	Total Metals								
	Total Major Metals								
		Sodium (Na)	<1		1	mg/L		10-JUL-07	SYF
	Total Trace Metals (Low Level)								
		Aluminum (Al)	0.50		0.02	mg/L		10-JUL-07	CVM
		Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Barium (Ba)	0.0069		0.0002	mg/L		10-JUL-07	CVM
		Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Boron (B)	<0.02		0.02	mg/L		10-JUL-07	CVM
		Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Chromium (Cr)	<0.0008		0.0008	mg/L		10-JUL-07	CVM
		Cobalt (Co)	0.0002		0.0002	mg/L		10-JUL-07	CVM
		Copper (Cu)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Lead (Pb)	0.0003		0.0001	mg/L		10-JUL-07	CVM
		Molybdenum (Mo)	0.0001		0.0001	mg/L		10-JUL-07	CVM
		Nickel (Ni)	0.0011		0.0002	mg/L		10-JUL-07	CVM
		Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Strontium (Sr)	0.0142		0.0002	mg/L		10-JUL-07	CVM
		Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Titanium (Ti)	0.030		0.005	mg/L		10-JUL-07	CVM
		Uranium (U)	0.0006		0.0001	mg/L		10-JUL-07	CVM
		Vanadium (V)	0.0005		0.0002	mg/L		10-JUL-07	CVM
		Zinc (Zn)	<0.004		0.004	mg/L		10-JUL-07	CVM
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0142		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00006		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00392		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.002		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	11.6		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	0.0007		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	1.87		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0022		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00010		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00023		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.44		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	0.916		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0106		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00056		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00007		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0046		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.011		0.005	mg/L		11-JUL-07	HAS

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-19	GW2								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	12.2		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	1.9		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.6		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	1		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	38			mg/L		12-JUL-07	
		Ion Balance	Low EC			%		12-JUL-07	
		TDS (Calculated)	42			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	40		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	49		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	83.6		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	8.0		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	1		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	0.017		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	0.015		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	1.65		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	1.4		0.1	mg/L		10-JUL-07	SYF
		Total Trace Metals (Low Level)							
		Lithium (Li)-Total	<0.006		0.006	mg/L		10-JUL-07	CVM
		Ammonia-N	0.006		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0004		0.0001	mg/L		12-JUL-07	QLI
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Phosphorus, Total	0.012		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	2		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	19		3	mg/L		04-JUL-07	SVG
		Turbidity	2.3		0.1	NTU		03-JUL-07	LD
L524795-20	GW3								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Total Metals							
		Total Major Metals							
		Calcium (Ca)	26.8		0.5	mg/L		10-JUL-07	SYF
		Iron (Fe)	1.29		0.005	mg/L		10-JUL-07	SYF

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-20	GW3								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
	Total Metals								
	Total Major Metals								
		Magnesium (Mg)	6.4		0.1	mg/L		10-JUL-07	SYF
		Manganese (Mn)	0.024		0.001	mg/L		10-JUL-07	SYF
		Potassium (K)	1.1		0.1	mg/L		10-JUL-07	SYF
		Sodium (Na)	1		1	mg/L		10-JUL-07	SYF
	Total Trace Metals (Low Level)								
		Aluminum (Al)	1.00		0.02	mg/L		10-JUL-07	CVM
		Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Barium (Ba)	0.0113		0.0002	mg/L		10-JUL-07	CVM
		Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Boron (B)	<0.02		0.02	mg/L		10-JUL-07	CVM
		Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Chromium (Cr)	<0.0008		0.0008	mg/L		10-JUL-07	CVM
		Cobalt (Co)	0.0005		0.0002	mg/L		10-JUL-07	CVM
		Copper (Cu)	0.002		0.001	mg/L		10-JUL-07	CVM
		Lead (Pb)	0.0007		0.0001	mg/L		10-JUL-07	CVM
		Molybdenum (Mo)	0.0001		0.0001	mg/L		10-JUL-07	CVM
		Nickel (Ni)	0.0023		0.0002	mg/L		10-JUL-07	CVM
		Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Strontium (Sr)	0.0249		0.0002	mg/L		10-JUL-07	CVM
		Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Titanium (Ti)	0.060		0.005	mg/L		10-JUL-07	CVM
		Uranium (U)	0.0014		0.0001	mg/L		10-JUL-07	CVM
		Vanadium (V)	0.0015		0.0002	mg/L		10-JUL-07	CVM
		Zinc (Zn)	<0.004		0.004	mg/L		10-JUL-07	CVM
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0183		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00005		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00375		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.002		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	15.8		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	3.10		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0032		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00009		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00015		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.49		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	0.990		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0119		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00117		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	0.00008		0.00005	mg/L		12-JUL-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-20	GW3								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Zinc (Zn)	0.0023		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.020		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	16.6		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	3.1		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.5		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	1		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	54			mg/L		12-JUL-07	
		Ion Balance	94.8			%		12-JUL-07	
		TDS (Calculated)	59			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	57		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	69		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	114		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	8.1		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	1		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	0.014		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	0.012		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	0.003		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	2.09		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	2.4		0.1	mg/L		10-JUL-07	SYF
		Total Trace Metals (Low Level)							
		Lithium (Li)-Total	<0.006		0.006	mg/L		10-JUL-07	CVM
		Ammonia-N	0.024		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0006		0.0001	mg/L		12-JUL-07	QLI
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Phosphorus, Total	0.026		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	2		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	46		3	mg/L		04-JUL-07	SVG
		Turbidity	4.6		0.1	NTU		03-JUL-07	LD
L524795-21	GW4								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-21	GW4								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0028		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00004		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00425		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	0.001		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	4.60		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	1.02		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0012		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00008		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00028		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.38		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	0.654		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0061		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00021		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0028		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0111		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00004		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00435		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	<0.001		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	4.66		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	0.0007		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	1.05		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0016		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00010		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00021		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.40		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	0.656		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0062		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00027		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		12-JUL-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-21	GW4								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals							
		Iron (Fe)	0.013		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	4.8		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	1.1		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.5		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	1		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	17			mg/L		12-JUL-07	
		Ion Balance	Low EC			%		12-JUL-07	
		TDS (Calculated)	17			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	15		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	19		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	36.9		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	7.4		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	<1		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	0.013		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	0.013		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	0.90		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.4		0.1	mg/L		11-JUL-07	HAS
		Ammonia-N	0.030		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0002		0.0001	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0002		0.0001	mg/L		12-JUL-07	QLI
		Phosphorus, Total	0.001		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	2		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	<3		3	mg/L		04-JUL-07	SVG
		Turbidity	0.25		0.1	NTU		03-JUL-07	LD
L524795-22	GW4 DUPLICATE								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0029		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-22	GW4 DUPLICATE								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
		Ultra-Low Metals - Dissolved							
		Arsenic (As)	0.00004		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00415		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	<0.001		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	4.63		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	1.00		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0012		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00009		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00023		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.38		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	0.645		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0060		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00021		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0033		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
	Ultra-Low Metals								
		Ultra-Low Metals							
		Aluminum (Al)	0.0091		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00003		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00430		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	<0.001		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	4.63		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	1.04		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0015		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	0.00008		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00020		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.39		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	0.644		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0061		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00026		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	0.012		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-22	GW4 DUPLICATE								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	4.6		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	1.0		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.5		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	1		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	16			mg/L		12-JUL-07	
		Ion Balance	Low EC			%		12-JUL-07	
		TDS (Calculated)	19			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	16		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	20		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	36.8		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	7.4		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	1		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	0.010		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	0.010		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	0.91		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.4		0.1	mg/L		11-JUL-07	HAS
		Ammonia-N	<0.005		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0001		0.0001	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0002		0.0001	mg/L		12-JUL-07	QLI
		Phosphorus, Total	0.001		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	2		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	<3		3	mg/L		04-JUL-07	SVG
		Turbidity	0.25		0.1	NTU		03-JUL-07	LD
L524795-23	GW12								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Total Metals							
		Total Major Metals							
		Calcium (Ca)	2.5		0.5	mg/L		10-JUL-07	SYF
		Iron (Fe)	0.291		0.005	mg/L		10-JUL-07	SYF
		Magnesium (Mg)	0.7		0.1	mg/L		10-JUL-07	SYF
		Manganese (Mn)	0.011		0.001	mg/L		10-JUL-07	SYF
		Potassium (K)	0.4		0.1	mg/L		10-JUL-07	SYF

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-23	GW12								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
	Total Metals								
	Total Major Metals								
		Sodium (Na)	<1		1	mg/L		10-JUL-07	SYF
	Total Trace Metals (Low Level)								
		Aluminum (Al)	0.22		0.02	mg/L		10-JUL-07	CVM
		Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Barium (Ba)	0.0068		0.0002	mg/L		10-JUL-07	CVM
		Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Boron (B)	<0.02		0.02	mg/L		10-JUL-07	CVM
		Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Chromium (Cr)	<0.0008		0.0008	mg/L		10-JUL-07	CVM
		Cobalt (Co)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Copper (Cu)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Lead (Pb)	0.0001		0.0001	mg/L		10-JUL-07	CVM
		Molybdenum (Mo)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Nickel (Ni)	0.0011		0.0002	mg/L		10-JUL-07	CVM
		Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Strontium (Sr)	0.0069		0.0002	mg/L		10-JUL-07	CVM
		Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Titanium (Ti)	0.020		0.005	mg/L		10-JUL-07	CVM
		Uranium (U)	0.0001		0.0001	mg/L		10-JUL-07	CVM
		Vanadium (V)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Zinc (Zn)	<0.004		0.004	mg/L		10-JUL-07	CVM
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0163		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	0.00005		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00470		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	<0.001		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	2.35		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	0.483		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0065		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00049		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.37		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	0.633		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0044		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00007		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0028		0.0008	mg/L		12-JUL-07	QLI
	Iron (Fe)		0.012		0.005	mg/L		11-JUL-07	HAS

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-23	GW12								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	2.3		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	0.4		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.5		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	1		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	7			mg/L		12-JUL-07	
		Ion Balance	Low EC			%		12-JUL-07	
		TDS (Calculated)	11			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	7		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	8		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	20.8		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	7.1		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	1		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	0.029		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	0.029		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	1.23		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.5		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.8		0.1	mg/L		10-JUL-07	SYF
		Total Trace Metals (Low Level)							
		Lithium (Li)-Total	<0.006		0.006	mg/L		10-JUL-07	CVM
		Ammonia-N	0.009		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Phosphorus, Total	0.009		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	2		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	4		3	mg/L		04-JUL-07	SVG
		Turbidity	1.0		0.1	NTU		03-JUL-07	LD
L524795-24	GW13								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Total Metals							
		Total Major Metals							
		Calcium (Ca)	0.9		0.5	mg/L		10-JUL-07	SYF
		Iron (Fe)	0.147		0.005	mg/L		10-JUL-07	SYF

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-24	GW13								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
	Total Metals								
	Total Major Metals								
		Magnesium (Mg)	0.3		0.1	mg/L		10-JUL-07	SYF
		Manganese (Mn)	0.009		0.001	mg/L		10-JUL-07	SYF
		Potassium (K)	0.3		0.1	mg/L		10-JUL-07	SYF
		Sodium (Na)	<1		1	mg/L		10-JUL-07	SYF
	Total Trace Metals (Low Level)								
		Aluminum (Al)	0.13		0.02	mg/L		10-JUL-07	CVM
		Antimony (Sb)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Arsenic (As)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Barium (Ba)	0.0047		0.0002	mg/L		10-JUL-07	CVM
		Beryllium (Be)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Bismuth (Bi)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Boron (B)	<0.02		0.02	mg/L		10-JUL-07	CVM
		Cadmium (Cd)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Chromium (Cr)	<0.0008		0.0008	mg/L		10-JUL-07	CVM
		Cobalt (Co)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Copper (Cu)	<0.001		0.001	mg/L		10-JUL-07	CVM
		Lead (Pb)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Molybdenum (Mo)	0.0001		0.0001	mg/L		10-JUL-07	CVM
		Nickel (Ni)	0.0009		0.0002	mg/L		10-JUL-07	CVM
		Selenium (Se)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Silver (Ag)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Strontium (Sr)	0.0055		0.0002	mg/L		10-JUL-07	CVM
		Thallium (Tl)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Tin (Sn)	<0.0004		0.0004	mg/L		10-JUL-07	CVM
		Titanium (Ti)	0.009		0.005	mg/L		10-JUL-07	CVM
		Uranium (U)	<0.0001		0.0001	mg/L		10-JUL-07	CVM
		Vanadium (V)	<0.0002		0.0002	mg/L		10-JUL-07	CVM
		Zinc (Zn)	0.006		0.004	mg/L		10-JUL-07	CVM
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0237		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00346		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	<0.001		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	0.81		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	0.231		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	0.0075		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00043		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	0.27		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	0.513		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0028		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	0.00005		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		12-JUL-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-24	GW13								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Zinc (Zn)	0.0055		0.0008	mg/L		11-JUL-07	HAS
		Iron (Fe)	0.012		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	0.7		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	0.1		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.4		0.1	mg/L		05-JUL-07	CJN
		Sodium (Na)	1		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	2			mg/L		12-JUL-07	
		Ion Balance	Low EC			%		12-JUL-07	
		TDS (Calculated)	4			mg/L		12-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	<5		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	<5		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	9.3		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	6.5		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	1		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	0.020		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	0.020		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	0.57		0.05	mg/L		03-JUL-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		11-JUL-07	HAS
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.5		0.1	mg/L		10-JUL-07	SYF
		Total Trace Metals (Low Level)							
		Lithium (Li)-Total	<0.006		0.006	mg/L		10-JUL-07	CVM
		Ammonia-N	0.034		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
		Phosphorus, Total	0.005		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	2		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	3		3	mg/L		04-JUL-07	SVG
		Turbidity	0.70		0.1	NTU		03-JUL-07	LD
L524795-25	FIELD BLANK								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-25	FIELD BLANK								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0055		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00011		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	<0.001		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	0.15	RRVAP	0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	<0.004		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00007		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	<0.02		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	0.423	RRVAP	0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0002		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0020		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0055	RRVAP	0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	0.00014		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	<0.001		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	0.09	RRVAP	0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	<0.004		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	<0.02		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	0.428	RRVAP	0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	0.0001		0.0001	mg/L		12-JUL-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-25	FIELD BLANK								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
	Ultra-Low Metals								
		Ultra-Low Metals							
		Uranium (U)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
		ICP metals for routine water							
		Calcium (Ca)	<0.5		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	<0.1		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.1	RRV	0.1	mg/L		16-JUL-07	JWU
		Sodium (Na)	<1		1	mg/L		05-JUL-07	CJN
		Ion Balance Calculation							
		Hardness (as CaCO3)	<1			mg/L		16-JUL-07	
		Ion Balance	Low TDS			%		16-JUL-07	
		TDS (Calculated)	<1			mg/L		16-JUL-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	<5		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	<5		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	2.0		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	6.5		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	<1		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	<0.05		0.05	mg/L		03-JUL-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.3		0.1	mg/L		11-JUL-07	HAS
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.3		0.1	mg/L		11-JUL-07	HAS
		Ammonia-N	<0.005		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	0.0002		0.0001	mg/L		12-JUL-07	QLI
		Lithium (Li)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Phosphorus, Total	<0.001		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Total	0.0051		0.0001	mg/L		12-JUL-07	QLI
		Tin (Sn)-Dissolved	0.0035		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	<1		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	<3		3	mg/L		04-JUL-07	SVG
		Turbidity	0.20		0.1	NTU		03-JUL-07	LD
L524795-26	TRAVEL BLANK								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-26	TRAVEL BLANK								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	<0.0003		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	<0.001		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	<0.02		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	<0.004		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	<0.02		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	<0.005		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0012		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
	Ultra-Low Metals								
		Ultra-Low Metals							
		Aluminum (Al)	<0.0003		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	<0.001		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	<0.02		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	<0.004		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	<0.02		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	<0.005		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		12-JUL-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-26	TRAVEL BLANK								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	WATER								
	Ultra-Low Metals								
		Iron (Fe)	<0.005		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-JUL-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	<0.5		0.5	mg/L		05-JUL-07	CJN
		Magnesium (Mg)	<0.1		0.1	mg/L		05-JUL-07	CJN
		Potassium (K)	0.2	RRV	0.1	mg/L		07-JUL-07	JWU
		Sodium (Na)	<1		1	mg/L		05-JUL-07	CJN
	Ion Balance Calculation								
		Hardness (as CaCO3)	<1			mg/L		12-JUL-07	
		Ion Balance	Low TDS			%		12-JUL-07	
		TDS (Calculated)	<1			mg/L		12-JUL-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	<5		5	mg/L		04-JUL-07	CLT
		Bicarbonate (HCO3)	<5		5	mg/L		04-JUL-07	CLT
		Carbonate (CO3)	<5		5	mg/L		04-JUL-07	CLT
		Conductivity (EC)	0.6		0.2	uS/cm		04-JUL-07	CLT
		Hydroxide (OH)	<5		5	mg/L		04-JUL-07	CLT
		pH	5.6		0.1	pH		04-JUL-07	CLT
		Chloride (Cl)	<1		1	mg/L		04-JUL-07	RGM/
		Fluoride (F)	<0.05		0.05	mg/L		04-JUL-07	CLT
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		03-JUL-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		03-JUL-07	FYG
		Sulphate (SO4)	<0.05		0.05	mg/L		03-JUL-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	<0.1		0.1	mg/L		11-JUL-07	HAS
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		10-JUL-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		10-JUL-07	JWU
	Total Metals								
		Silicon (Si)-Total	<0.1		0.1	mg/L		11-JUL-07	HAS
		Ammonia-N	<0.005		0.005	mg/L		12-JUL-07	MCH
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Lithium (Li)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Phosphorus, Total	<0.001		0.001	mg/L		05-JUL-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Total Organic Carbon	<1		1	mg/L		12-JUL-07	ZOW
		Total Suspended Solids	<3		3	mg/L		04-JUL-07	SVG
		Turbidity	0.25		0.1	NTU		03-JUL-07	LD
L524795-27	FILTER BLANK								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	FILTER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	<0.0003		0.0003	mg/L		12-JUL-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		12-JUL-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L524795-27	FILTER BLANK								
Sampled By:	NOT PROVIDED on 27-JUN-07								
Matrix:	FILTER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Arsenic (As)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Barium (Ba)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		12-JUL-07	QLI
		Boron (B)	<0.001		0.001	mg/L		12-JUL-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Calcium (Ca)	0.09		0.02	mg/L		12-JUL-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		12-JUL-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Magnesium (Mg)	<0.004		0.004	mg/L		12-JUL-07	QLI
		Manganese (Mn)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		12-JUL-07	QLI
		Nickel (Ni)	0.00011		0.00006	mg/L		12-JUL-07	QLI
		Potassium (K)	<0.02		0.02	mg/L		12-JUL-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Sodium (Na)	0.032		0.005	mg/L		12-JUL-07	QLI
		Strontium (Sr)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Uranium (U)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		12-JUL-07	QLI
		Zinc (Zn)	0.0027		0.0008	mg/L		12-JUL-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		11-JUL-07	HAS
		Mercury (Hg)	<0.00002		0.00002	mg/L		12-JUL-07	DEO
	Dissolved Metals								
		Silicon (Si)-Dissolved	<0.1		0.1	mg/L		11-JUL-07	HAS
		Bismuth (Bi)	<0.00003		0.00003	mg/L		12-JUL-07	QLI
		Lithium (Li)	<0.0001		0.0001	mg/L		12-JUL-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		12-JUL-07	QLI

Reference Information

Sample Parameter Qualifier key listed:

Qualifier	Description
RRV	Reported Result Verified By Repeat Analysis
RRVAP	Reported Result Verified by Alternate Process

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Preparation Method Reference(Based On)	Analytical Method Reference(Based On)
BI-ULTRA-DIS-ED	Water	Bismuth (Bi)-Dissolved		EPA 6020
BI-ULTRA-ED	Water	Bismuth (Bi)		EPA 6020
C-TOT-ORG-ED	Water	Total Organic Carbon		APHA 5310 B
CL-ED	Water	Chloride (Cl)		APHA 4500-CL E
ETL-ROUTINE-LOW-ED	Water	ICP metals for routine water		APHA 3120 B
F-ED	Water	Fluoride (F)		APHA 4500-F C
FE-EXT-ROU-ED	Water	Iron (Fe)-Extractable		APHA 3120 B
HG-ULT-CV-ED	Water	Mercury (Hg)	APHA 3112B	APHA 3112 B
HG-ULT-DIS-CV-ED	Water	Mercury (Hg) - Dissolved	APHA 3112B	APHA 3112 B
IONBALANCE-ED	Water	Ion Balance Calculation		APHA 1030 E
LI-TOT-LOW-ED	Water	Lithium (Li)-Total	EPA3015	EPA 6020
LI-ULTRA-DIS-ED	Water	Lithium (Li)-Dissolved		EPA 6020
LI-ULTRA-ED	Water	Lithium (Li)		EPA 6020
MET1-TOT-LOW-ED	Water	Total Trace Metals (Low Level)	EPA3015	EPA 6020
MET1-ULTRA-DIS-ED	Water	Ultra-Low Metals - Dissolved		EPA 6020
MET1-ULTRA-ED	Water	Ultra-Low Metals		EPA 6020
MET2-TOT-LOW-ED	Water	Total Major Metals	EPA3015	EPA 200.7
MET2-ULTRA-DIS-ED	Water	Major Metals - Dissolved		EPA 200.7
MET2-ULTRA-ED	Water	Major Metals		EPA 200.7
MN-EXT-ROU-ED	Water	Manganese (Mn)-Extractable		APHA 3120 B
N2N3-LOW-ED	Water	Nitrate+Nitrite-N		APHA 4500-NO3 I
NH4-LOW-ED	Water	Ammonia-N		APHA 4500-NH3 F
NO2-LOW-ED	Water	Nitrite-N		APHA 4500-NO2-LOW
NO3-LOW-ED	Water	Nitrate-N		APHA 4500-NO3 I
P-TOTAL-LOW-ED	Water	Phosphorus, Total		APHA 4500-P E-LOW
PH/EC/ALK-ED	Water	pH, Conductivity and Total Alkalinity		APHA 4500H,2510,2320
SI-DIS-ED	Water	Silicon (Si)-Dissolved		EPA 200.7
SI-TOT-ED	Water	Silicon (Si)-Total	EPA3015	EPA 200.7
SN-ULTRA-DIS-ED	Water	Tin (Sn)-Dissolved		EPA 6020
SN-ULTRA-ED	Water	Tin (Sn)		EPA 6020
SO4-LOW-ED	Water	Sulfate (SO4)		APHA 4110 B-LOW
SOLIDS-TOTSUS-ED	Water	Total Suspended Solids		APHA 2540 D

Reference Information

TURBIDITY-ED	Water	Turbidity		APHA 2130 B

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.

Chain of Custody numbers:

A040189

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
ED	ALS LABORATORY GROUP - EDMONTON, ALBERTA, CANADA		

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
UNLESS OTHERWISE STATED, SAMPLES ARE NOT CORRECTED FOR CLIENT FIELD BLANKS.
Although test results are generated under strict QA/QC protocols, any unsigned test reports, faxes, or emails are considered preliminary.

ALS Laboratory Group has an extensive QA/QC program where all analytical data reported is analyzed using approved referenced procedures followed by checks and reviews by senior managers and quality assurance personnel. However, since the results are obtained from chemical measurements and thus cannot be guaranteed, ALS Laboratory Group assumes no liability for the use or interpretation of the results.

ALS Laboratory Group Quality Control Report

Workorder: L524795 Report Date: 18-JUL-07

Client: EBA ENG CONSULTANTS LTD
201- 4916 49 STREET PO BOX 2244
YELLOWKNIFE NT X1A 2P7

Contact: STEVE MOORE

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
BI-ULTRA-DIS-ED	**Water**							
Batch R547393								
WG623985-2 CRM		**1643E_WATER**						
Bismuth (Bi)			70	G	%		84-115	12-JUL-07
WG623985-1 MB								
Bismuth (Bi)			<0.00003		mg/L		0.00015	12-JUL-07
BI-ULTRA-ED	**Water**							
Batch R547393								
WG623985-2 CRM		**1643E_WATER**						
Bismuth (Bi)			70	G	%		84-115	12-JUL-07
WG623985-4 DUP		**L524795-1**						
Bismuth (Bi)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	28	12-JUL-07
WG623985-5 DUP		**L524795-2**						
Bismuth (Bi)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	28	12-JUL-07
WG623985-6 DUP		**L524795-13**						
Bismuth (Bi)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	28	12-JUL-07
WG623985-7 DUP		**L524795-18**						
Bismuth (Bi)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	28	12-JUL-07
WG623985-8 DUP		**L524830-3**						
Bismuth (Bi)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	28	12-JUL-07
WG623985-1 MB								
Bismuth (Bi)			<0.00003		mg/L		0.00015	12-JUL-07
C-TOT-ORG-ED	**Water**							
Batch R547256								
WG625189-11 DUP		**L524795-20**						
Total Organic Carbon		2	2	J	mg/L	0	4	12-JUL-07
WG625189-5 DUP		**L527143-1**						
Total Organic Carbon		8	8	J	mg/L	0	4	12-JUL-07
WG625189-7 DUP		**L526731-1**						
Total Organic Carbon		2	2	J	mg/L	0	4	12-JUL-07
WG625189-9 DUP		**L527479-1**						
Total Organic Carbon		3	3	J	mg/L	0	4	12-JUL-07
WG625189-1 LCS								
Total Organic Carbon			101		%		88-108	12-JUL-07
WG625189-4 LCS								
Total Organic Carbon			119		%		99-138	12-JUL-07
WG625189-2 MB								
Total Organic Carbon			<1		mg/L		1	12-JUL-07
WG625189-3 MB								

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
C-TOT-ORG-ED	**Water**							
Batch R547256								
WG625189-3 MB								
Total Organic Carbon			<1		mg/L		1	12-JUL-07
WG625189-10 MS		**L527479-1**						
Total Organic Carbon			96		%		77-116	12-JUL-07
WG625189-12 MS		**L524795-20**						
Total Organic Carbon			97		%		77-116	12-JUL-07
WG625189-6 MS		**L527143-1**						
Total Organic Carbon			101		%		77-116	12-JUL-07
WG625189-8 MS		**L526731-1**						
Total Organic Carbon			96		%		77-116	12-JUL-07
CL-ED	**Water**							
Batch R543774								
WG620545-15 DUP		**L524795-1**						
Chloride (Cl)		1	1	J	mg/L	0	4	04-JUL-07
WG620545-17 DUP		**L524795-2**						
Chloride (Cl)		2	2	J	mg/L	0	4	04-JUL-07
WG620545-19 DUP		**L524795-3**						
Chloride (Cl)		2	2	J	mg/L	0	4	04-JUL-07
WG620545-21 DUP		**L524795-4**						
Chloride (Cl)		2	2	J	mg/L	0	4	04-JUL-07
WG620545-2 LCS								
Chloride (Cl)			103		%		94-109	04-JUL-07
WG620545-3 LCS								
Chloride (Cl)			101		%		93-113	04-JUL-07
WG620545-1 MB								
Chloride (Cl)			<1		mg/L		1	04-JUL-07
WG620545-16 MS		**L524795-1**						
Chloride (Cl)			106		%		87-117	04-JUL-07
WG620545-18 MS		**L524795-2**						
Chloride (Cl)			108		%		87-117	04-JUL-07
WG620545-20 MS		**L524795-3**						
Chloride (Cl)			111		%		87-117	04-JUL-07
WG620545-22 MS		**L524795-4**						
Chloride (Cl)			114		%		87-117	04-JUL-07
ETL-ROUTINE-LOW-ED	**Water**							

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
ETL-ROUTINE-LOW-ED	**Water**							
Batch R544238								
WG621240-3 CRM		**ION-915_WATER**						
Calcium (Ca)			102		%		96-116	05-JUL-07
Magnesium (Mg)			100		%		96-115	05-JUL-07
WG621240-2 LCS								
Calcium (Ca)			96		%		90-110	05-JUL-07
Magnesium (Mg)			96		%		90-110	05-JUL-07
Potassium (K)			93		%		90-110	05-JUL-07
Sodium (Na)			95		%		90-110	05-JUL-07
WG621240-1 MB								
Calcium (Ca)			<0.5		mg/L		2.5	05-JUL-07
Magnesium (Mg)			<0.1		mg/L		0.5	05-JUL-07
Potassium (K)			0.2		mg/L		0.5	05-JUL-07
Sodium (Na)			<1		mg/L		5	05-JUL-07
Batch R544733								
WG621967-3 CRM		**ION-915_WATER**						
Calcium (Ca)			108		%		96-116	06-JUL-07
Magnesium (Mg)			108		%		96-115	06-JUL-07
Potassium (K)			112		%		88-126	06-JUL-07
Sodium (Na)			100		%		95-118	06-JUL-07
WG621967-6 DUP		**L524795-14**						
Calcium (Ca)		7.4	7.4		mg/L	0.40	14	06-JUL-07
Magnesium (Mg)		0.8	0.9	J	mg/L	0.0	0.4	06-JUL-07
Potassium (K)		1.4	1.4		mg/L	3.3	10	06-JUL-07
Sodium (Na)		3	3	J	mg/L	0	4	06-JUL-07
WG621967-2 LCS								
Calcium (Ca)			104		%		90-110	06-JUL-07
Magnesium (Mg)			106		%		90-110	06-JUL-07
Potassium (K)			104		%		90-110	06-JUL-07
Sodium (Na)			104		%		90-110	06-JUL-07
WG621967-1 MB								
Calcium (Ca)			<0.5		mg/L		2.5	06-JUL-07
Magnesium (Mg)			<0.1		mg/L		0.5	06-JUL-07
Potassium (K)			<0.1		mg/L		0.5	06-JUL-07
Sodium (Na)			<1		mg/L		5	06-JUL-07
WG621967-7 MS		**L524795-14**						

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
ETL-ROUTINE-LOW-ED	**Water**							
Batch R544733								
WG621967-7 MS		**L524795-14**						
Calcium (Ca)			103		%		81-119	06-JUL-07
Magnesium (Mg)			104		%		86-111	06-JUL-07
Potassium (K)			94		%		83-115	06-JUL-07
Sodium (Na)			96		%		81-116	06-JUL-07
Batch R545146								
WG622588-3 CRM		**ION-915_WATER**						
Calcium (Ca)			104		%		96-116	07-JUL-07
Magnesium (Mg)			101		%		96-115	07-JUL-07
WG622588-6 DUP		**L513946-11**						
Calcium (Ca)		N/A	<0.5	RPD-NA	mg/L	N/A	14	07-JUL-07
Magnesium (Mg)		N/A	<0.1	RPD-NA	mg/L	N/A	10	07-JUL-07
Potassium (K)		N/A	0.2	J	mg/L	0.0	0.4	07-JUL-07
Sodium (Na)		N/A	<1	RPD-NA	mg/L	N/A	10	07-JUL-07
WG622588-2 LCS								
Calcium (Ca)			96		%		90-110	07-JUL-07
Magnesium (Mg)			99		%		90-110	07-JUL-07
Potassium (K)			96		%		90-110	07-JUL-07
Sodium (Na)			98		%		90-110	07-JUL-07
WG622588-1 MB								
Calcium (Ca)			<0.5		mg/L		2.5	07-JUL-07
Magnesium (Mg)			<0.1		mg/L		0.5	07-JUL-07
Potassium (K)			<0.1		mg/L		0.5	07-JUL-07
Sodium (Na)			<1		mg/L		5	07-JUL-07
WG622588-7 MS		**L513946-11**						
Calcium (Ca)			102		%		81-119	07-JUL-07
Magnesium (Mg)			104		%		86-111	07-JUL-07
Potassium (K)			95		%		83-115	07-JUL-07
Sodium (Na)			101		%		81-116	07-JUL-07
Batch R548608								
WG626643-3 CRM		**ION-915_WATER**						
Calcium (Ca)			103		%		96-116	16-JUL-07
Magnesium (Mg)			99		%		96-115	16-JUL-07
Potassium (K)			111		%		88-126	16-JUL-07
Sodium (Na)			100		%		95-118	16-JUL-07

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
ETL-ROUTINE-LOW-ED	**Water**							
Batch R548608								
WG626643-2 LCS								
Calcium (Ca)			94		%		90-110	16-JUL-07
Magnesium (Mg)			97		%		90-110	16-JUL-07
Potassium (K)			96		%		90-110	16-JUL-07
Sodium (Na)			96		%		90-110	16-JUL-07
WG626643-1 MB								
Calcium (Ca)			<0.5		mg/L		2.5	16-JUL-07
Magnesium (Mg)			<0.1		mg/L		0.5	16-JUL-07
Potassium (K)			<0.1		mg/L		0.5	16-JUL-07
Sodium (Na)			<1		mg/L		5	16-JUL-07
F-ED	**Water**							
Batch R544076								
WG621106-5 DUP		**L524795-25**						
Fluoride (F)		<0.05	<0.05	RPD-NA	mg/L	N/A	8	04-JUL-07
WG621106-4 LCS								
Fluoride (F)			92		%		89-114	04-JUL-07
WG621106-1 MB								
Fluoride (F)			<0.05		mg/L		0.05	04-JUL-07
FE-EXT-ROU-ED	**Water**							
Batch R546411								
WG623855-3 DUP		**L524795-20**						
Iron (Fe)-Extractable		<0.05	<0.05	RPD-NA	mg/L	N/A	9.8	10-JUL-07
WG623855-2 LCS								
Iron (Fe)-Extractable			102		%		95-115	10-JUL-07
WG623855-1 MB								
Iron (Fe)-Extractable			<0.05		mg/L		0.25	10-JUL-07
WG623855-4 MS		**L524795-20**						
Iron (Fe)-Extractable			103		%		97-115	10-JUL-07
HG-ULT-CV-ED	**Water**							
Batch R545699								
WG623210-5 DUP		**L523940-2**						
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	26	09-JUL-07
WG623210-2 LCS								
Mercury (Hg)			95		%		63-138	09-JUL-07
WG623210-1 MB								
Mercury (Hg)			<0.00002		mg/L		0.00002	09-JUL-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
HG-ULT-CV-ED	**Water**							
Batch R545699								
WG623210-6 MS		**L523940-2**						
Mercury (Hg)			96		%		63-138	09-JUL-07
HG-ULT-DIS-CV-ED	**Water**							
Batch R545699								
WG623210-3 DUP		**L523348-2**						
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	26	09-JUL-07
WG623210-7 DUP		**L524795-11**						
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	26	09-JUL-07
WG623210-9 DUP		**L524795-20**						
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	26	09-JUL-07
WG623210-2 LCS								
Mercury (Hg)			95		%		63-138	09-JUL-07
WG623210-1 MB								
Mercury (Hg)			<0.00002		mg/L		0.00002	09-JUL-07
WG623210-10 MS		**L524795-20**						
Mercury (Hg)			92		%		63-138	09-JUL-07
WG623210-4 MS		**L523348-2**						
Mercury (Hg)			98		%		63-138	09-JUL-07
WG623210-8 MS		**L524795-11**						
Mercury (Hg)			91		%		63-138	09-JUL-07
LI-TOT-LOW-ED	**Water**							
Batch R546049								
WG623062-2 DUP		**L524795-16**						
Lithium (Li)-Total		<0.006	<0.006	RPD-NA	mg/L	N/A	12	10-JUL-07
WG621900-1 MB								
Lithium (Li)-Total			<0.006		mg/L		0.03	09-JUL-07
WG623062-1 MB								
Lithium (Li)-Total			<0.006		mg/L		0.03	10-JUL-07
WG623062-3 MS		**L524795-24**						
Lithium (Li)-Total			95		%		74-126	10-JUL-07
LI-ULTRA-DIS-ED	**Water**							
Batch R547393								
WG623985-2 CRM		**1643E_WATER**						
Lithium (Li)			109		%		91-118	12-JUL-07
WG623985-1 MB								
Lithium (Li)			<0.0001		mg/L		0.0005	12-JUL-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
LI-ULTRA-ED	**Water**							
Batch R547393								
WG623985-2 CRM		**1643E_WATER**						
Lithium (Li)			109		%		87-114	12-JUL-07
WG623985-4 DUP		**L524795-1**						
Lithium (Li)		0.0007	0.0006	J	mg/L	0.0001	0.0004	12-JUL-07
WG623985-5 DUP		**L524795-2**						
Lithium (Li)		0.0006	0.0006	J	mg/L	0.0000	0.0004	12-JUL-07
WG623985-6 DUP		**L524795-13**						
Lithium (Li)		0.0031	0.0032		mg/L	4.3	12	12-JUL-07
WG623985-7 DUP		**L524795-18**						
Lithium (Li)		0.0006	0.0006	J	mg/L	0.0000	0.0004	12-JUL-07
WG623985-8 DUP		**L524830-3**						
Lithium (Li)		<0.0001	0.0001	RPD-NA	mg/L	N/A	12	12-JUL-07
WG623985-1 MB								
Lithium (Li)			<0.0001		mg/L		0.0005	12-JUL-07
MET1-TOT-LOW-ED	**Water**							
Batch R546049								
WG621900-2 DUP		**L524586-4**						
Aluminum (Al)		0.45	0.48		mg/L	7.9	15	09-JUL-07
Antimony (Sb)		0.363	0.370		mg/L	1.7	10	09-JUL-07
Arsenic (As)		3.09	3.10		mg/L	0.51	11	09-JUL-07
Barium (Ba)		0.117	0.115		mg/L	1.7	10	09-JUL-07
Beryllium (Be)		<0.001	0.001	RPD-NA	mg/L	N/A	26	09-JUL-07
Bismuth (Bi)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	28	09-JUL-07
Boron (B)		0.21	0.21		mg/L	1.2	10	09-JUL-07
Cadmium (Cd)		0.0003	0.0004	J	mg/L	0.0000	0.0008	09-JUL-07
Cobalt (Co)		0.0030	0.0030		mg/L	2.2	12	09-JUL-07
Copper (Cu)		0.004	0.004	J	mg/L	0.001	0.004	09-JUL-07
Lead (Pb)		0.0006	0.0007	J	mg/L	0.0001	0.0004	09-JUL-07
Molybdenum (Mo)		0.217	0.218		mg/L	0.39	10	09-JUL-07
Nickel (Ni)		0.0258	0.0237		mg/L	8.3	10	09-JUL-07
Phosphorus (P)		1.01	0.95		mg/L	5.7	9.9	09-JUL-07
Selenium (Se)		0.0203	0.0190		mg/L	7.0	21	09-JUL-07
Silver (Ag)		<0.0004	<0.0004	RPD-NA	mg/L	N/A	33	09-JUL-07
Strontium (Sr)		0.840	0.842		mg/L	0.18	9.5	09-JUL-07
Thallium (Tl)		0.0001	0.0004	J	mg/L	0.0003	0.0004	09-JUL-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-TOT-LOW-ED	**Water**							
Batch R546049								
WG621900-2 DUP		**L524586-4**						
Tin (Sn)		<0.0004	<0.0004	RPD-NA	mg/L	N/A	25	09-JUL-07
Titanium (Ti)		0.051	0.054		mg/L	6.8	32	09-JUL-07
Uranium (U)		0.0274	0.0286		mg/L	4.1	10	09-JUL-07
Vanadium (V)		N/A	0.201		mg/L	3.4	24	09-JUL-07
Zinc (Zn)		0.088	0.088		mg/L	0.41	29	09-JUL-07
WG623062-2 DUP		**L524795-16**						
Aluminum (Al)		<0.02	<0.02	RPD-NA	mg/L	N/A	15	10-JUL-07
Antimony (Sb)		<0.0004	<0.0004	RPD-NA	mg/L	N/A	10	10-JUL-07
Arsenic (As)		<0.0004	<0.0004	RPD-NA	mg/L	N/A	11	10-JUL-07
Barium (Ba)		0.0113	0.0114		mg/L	0.98	10	10-JUL-07
Beryllium (Be)		<0.001	<0.001	RPD-NA	mg/L	N/A	26	10-JUL-07
Bismuth (Bi)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	28	10-JUL-07
Boron (B)		<0.02	<0.02	RPD-NA	mg/L	N/A	10	10-JUL-07
Cadmium (Cd)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	31	10-JUL-07
Chromium (Cr)		<0.0008	<0.0008	RPD-NA	mg/L	N/A	18	10-JUL-07
Cobalt (Co)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	12	10-JUL-07
Copper (Cu)		<0.001	<0.001	RPD-NA	mg/L	N/A	17	10-JUL-07
Lead (Pb)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	12	10-JUL-07
Molybdenum (Mo)		0.0001	<0.0001	RPD-NA	mg/L	N/A	10	10-JUL-07
Nickel (Ni)		0.0004	0.0004	J	mg/L	0.0000	0.0008	10-JUL-07
Phosphorus (P)		0.04	0.04	J	mg/L	0.00	0.04	10-JUL-07
Selenium (Se)		<0.0004	<0.0004	RPD-NA	mg/L	N/A	21	10-JUL-07
Silver (Ag)		<0.0004	<0.0004	RPD-NA	mg/L	N/A	33	10-JUL-07
Strontium (Sr)		0.0127	0.0125		mg/L	1.7	9.5	10-JUL-07
Thallium (Tl)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	26	10-JUL-07
Tin (Sn)		<0.0004	<0.0004	RPD-NA	mg/L	N/A	25	10-JUL-07
Titanium (Ti)		<0.005	<0.005	RPD-NA	mg/L	N/A	32	10-JUL-07
Uranium (U)		0.0001	0.0001	J	mg/L	0.0000	0.0004	10-JUL-07
Vanadium (V)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	24	10-JUL-07
Zinc (Zn)		<0.004	<0.004	RPD-NA	mg/L	N/A	29	10-JUL-07
WG621900-1 MB								
Aluminum (Al)			<0.02		mg/L		0.1	09-JUL-07
Antimony (Sb)			<0.0004		mg/L		0.002	09-JUL-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-TOT-LOW-ED	**Water**							
Batch R546049								
WG621900-1 MB								
Arsenic (As)			<0.0004		mg/L		0.002	09-JUL-07
Barium (Ba)			<0.0002		mg/L		0.001	09-JUL-07
Beryllium (Be)			<0.001		mg/L		0.005	09-JUL-07
Bismuth (Bi)			<0.0001		mg/L		0.0005	09-JUL-07
Boron (B)			<0.02		mg/L		0.1	09-JUL-07
Cadmium (Cd)			<0.0002		mg/L		0.001	09-JUL-07
Chromium (Cr)			<0.0008		mg/L		0.004	09-JUL-07
Cobalt (Co)			<0.0002		mg/L		0.001	09-JUL-07
Copper (Cu)			<0.001		mg/L		0.005	09-JUL-07
Lead (Pb)			<0.0001		mg/L		0.0005	09-JUL-07
Molybdenum (Mo)			<0.0001		mg/L		0.0005	09-JUL-07
Nickel (Ni)			0.0003		mg/L		0.001	09-JUL-07
Phosphorus (P)			0.04		mg/L		0.05	09-JUL-07
Selenium (Se)			0.0008		mg/L		0.002	09-JUL-07
Silver (Ag)			<0.0004		mg/L		0.002	09-JUL-07
Strontium (Sr)			0.0010		mg/L		0.001	09-JUL-07
Thallium (Tl)			0.0003		mg/L		0.0005	09-JUL-07
Tin (Sn)			<0.0004		mg/L		0.002	09-JUL-07
Titanium (Ti)			<0.005		mg/L		0.025	09-JUL-07
Uranium (U)			<0.0001		mg/L		0.0005	09-JUL-07
Vanadium (V)			<0.0002		mg/L		0.001	09-JUL-07
Zinc (Zn)			<0.004		mg/L		0.02	09-JUL-07
WG623062-1 MB								
Antimony (Sb)			<0.0004		mg/L		0.002	10-JUL-07
Arsenic (As)			<0.0004		mg/L		0.002	10-JUL-07
Barium (Ba)			0.0003		mg/L		0.001	10-JUL-07
Beryllium (Be)			<0.001		mg/L		0.005	10-JUL-07
Bismuth (Bi)			<0.0001		mg/L		0.0005	10-JUL-07
Boron (B)			<0.02		mg/L		0.1	10-JUL-07
Cadmium (Cd)			<0.0002		mg/L		0.001	10-JUL-07
Chromium (Cr)			<0.0008		mg/L		0.004	10-JUL-07
Cobalt (Co)			<0.0002		mg/L		0.001	10-JUL-07
Copper (Cu)			<0.001		mg/L		0.005	10-JUL-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-TOT-LOW-ED	**Water**							
Batch R546049								
WG623062-1 MB								
Lead (Pb)			<0.0001		mg/L		0.0005	10-JUL-07
Molybdenum (Mo)			<0.0001		mg/L		0.0005	10-JUL-07
Phosphorus (P)			0.04		mg/L		0.05	10-JUL-07
Selenium (Se)			<0.0004		mg/L		0.002	10-JUL-07
Silver (Ag)			<0.0004		mg/L		0.002	10-JUL-07
Strontium (Sr)			0.0009		mg/L		0.001	10-JUL-07
Thallium (Tl)			0.0003		mg/L		0.0005	10-JUL-07
Tin (Sn)			<0.0004		mg/L		0.002	10-JUL-07
Titanium (Ti)			<0.005		mg/L		0.025	10-JUL-07
Uranium (U)			<0.0001		mg/L		0.0005	10-JUL-07
Vanadium (V)			<0.0002		mg/L		0.001	10-JUL-07
Zinc (Zn)			<0.004		mg/L		0.02	10-JUL-07
Aluminum (Al)			0.17	A	mg/L		0.1	10-JUL-07
Nickel (Ni)			0.0076	A	mg/L		0.001	10-JUL-07
WG621900-3 MS		**L524586-5**						
Aluminum (Al)			106		%		71-127	10-JUL-07
Antimony (Sb)			98		%		80-116	10-JUL-07
Arsenic (As)			100		%		78-117	10-JUL-07
Barium (Ba)			101		%		78-121	10-JUL-07
Beryllium (Be)			100		%		68-132	10-JUL-07
Bismuth (Bi)			106		%		76-126	10-JUL-07
Boron (B)			99		%		75-122	10-JUL-07
Cadmium (Cd)			100		%		83-114	10-JUL-07
Chromium (Cr)			103		%		79-115	10-JUL-07
Cobalt (Co)			99		%		78-114	10-JUL-07
Copper (Cu)			98		%		79-112	10-JUL-07
Lead (Pb)			106		%		80-121	10-JUL-07
Molybdenum (Mo)			100		%		79-117	10-JUL-07
Nickel (Ni)			98		%		76-114	10-JUL-07
Phosphorus (P)			97		%		69-121	10-JUL-07
Selenium (Se)			98		%		69-127	10-JUL-07
Silver (Ag)			96		%		7-127	10-JUL-07
Strontium (Sr)			101		%		38-145	10-JUL-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-TOT-LOW-ED	**Water**							
Batch R546049								
WG621900-3 MS		**L524586-5**						
Thallium (Tl)			110		%		80-123	10-JUL-07
Tin (Sn)			101		%		81-120	10-JUL-07
Titanium (Ti)			102		%		81-116	10-JUL-07
Uranium (U)			106		%		81-123	10-JUL-07
Vanadium (V)			101		%		80-115	10-JUL-07
Zinc (Zn)			97		%		64-125	10-JUL-07
WG623062-3 MS		**L524795-24**						
Aluminum (Al)			97		%		71-127	10-JUL-07
Antimony (Sb)			94		%		80-116	10-JUL-07
Arsenic (As)			98		%		78-117	10-JUL-07
Barium (Ba)			100		%		78-121	10-JUL-07
Beryllium (Be)			98		%		68-132	10-JUL-07
Bismuth (Bi)			103		%		76-126	10-JUL-07
Boron (B)			97		%		75-122	10-JUL-07
Cadmium (Cd)			98		%		83-114	10-JUL-07
Chromium (Cr)			100		%		79-115	10-JUL-07
Cobalt (Co)			96		%		78-114	10-JUL-07
Copper (Cu)			96		%		79-112	10-JUL-07
Lead (Pb)			103		%		80-121	10-JUL-07
Molybdenum (Mo)			100		%		79-117	10-JUL-07
Nickel (Ni)			95		%		76-114	10-JUL-07
Phosphorus (P)			96		%		69-121	10-JUL-07
Selenium (Se)			96		%		69-127	10-JUL-07
Silver (Ag)			88		%		7-127	10-JUL-07
Strontium (Sr)			98		%		38-145	10-JUL-07
Thallium (Tl)			107		%		80-123	10-JUL-07
Tin (Sn)			101		%		81-120	10-JUL-07
Titanium (Ti)			101		%		81-116	10-JUL-07
Uranium (U)			102		%		81-123	10-JUL-07
Vanadium (V)			99		%		80-115	10-JUL-07
Zinc (Zn)			93		%		64-125	10-JUL-07
MET1-ULTRA-DIS-ED	**Water**							

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-DIS-ED	**Water**							
Batch R546993								
WG624397-1 MB								
Zinc (Zn)			0.0017		mg/L		0.0008	11-JUL-07
Batch R547393								
WG623985-2 CRM		**1643E_WATER**						
Aluminum (Al)			102		%		90-122	12-JUL-07
Antimony (Sb)			102		%		86-108	12-JUL-07
Arsenic (As)			94		%		88-109	12-JUL-07
Barium (Ba)			99		%		88-109	12-JUL-07
Beryllium (Be)			89		%		77-110	12-JUL-07
Boron (B)			91		%		80-116	12-JUL-07
Cadmium (Cd)			104		%		93-112	12-JUL-07
Calcium (Ca)			91		%		82-106	12-JUL-07
Chromium (Cr)			106		%		83-118	12-JUL-07
Cobalt (Co)			104		%		90-110	12-JUL-07
Copper (Cu)			102		%		89-112	12-JUL-07
Iron (Fe)			104		%		90-110	12-JUL-07
Manganese (Mn)			101		%		81-120	12-JUL-07
Molybdenum (Mo)			99		%		88-111	12-JUL-07
Nickel (Ni)			101		%		88-110	12-JUL-07
Potassium (K)			92		%		88-120	12-JUL-07
Selenium (Se)			96		%		76-112	12-JUL-07
Sodium (Na)			91		%		86-105	12-JUL-07
Strontium (Sr)			99		%		87-109	12-JUL-07
Vanadium (V)			99		%		89-112	12-JUL-07
Zinc (Zn)			100		%		84-129	12-JUL-07
Lead (Pb)			69	G	%		89-110	12-JUL-07
Magnesium (Mg)			85	G	%		86-109	12-JUL-07
WG623985-1 MB								
Aluminum (Al)			<0.0003		mg/L		0.0015	12-JUL-07
Antimony (Sb)			<0.00003		mg/L		0.00015	12-JUL-07
Arsenic (As)			<0.00003		mg/L		0.00015	12-JUL-07
Barium (Ba)			<0.00005		mg/L		0.00025	12-JUL-07
Beryllium (Be)			<0.0002		mg/L		0.001	12-JUL-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-DIS-ED	**Water**							
Batch R547393								
WG623985-1 MB								
Boron (B)			<0.001		mg/L		0.005	12-JUL-07
Cadmium (Cd)			<0.00005		mg/L		0.00025	12-JUL-07
Calcium (Ca)			<0.02		mg/L		0.1	12-JUL-07
Chromium (Cr)			<0.00006		mg/L		0.0003	12-JUL-07
Cobalt (Co)			<0.0001		mg/L		0.0005	12-JUL-07
Copper (Cu)			<0.0006		mg/L		0.003	12-JUL-07
Iron (Fe)			<0.005		mg/L		0.025	12-JUL-07
Lead (Pb)			<0.00005		mg/L		0.00025	12-JUL-07
Magnesium (Mg)			<0.004		mg/L		0.02	12-JUL-07
Manganese (Mn)			<0.0001		mg/L		0.0005	12-JUL-07
Molybdenum (Mo)			<0.00006		mg/L		0.0003	12-JUL-07
Nickel (Ni)			<0.00006		mg/L		0.0003	12-JUL-07
Potassium (K)			<0.02		mg/L		0.1	12-JUL-07
Selenium (Se)			<0.0001		mg/L		0.0005	12-JUL-07
Silver (Ag)			<0.0001		mg/L		0.0005	12-JUL-07
Sodium (Na)			<0.005		mg/L		0.025	12-JUL-07
Strontium (Sr)			<0.0001		mg/L		0.0005	12-JUL-07
Uranium (U)			<0.00005		mg/L		0.00025	12-JUL-07
Vanadium (V)			<0.00005		mg/L		0.00025	12-JUL-07
Zinc (Zn)			<0.0008		mg/L		0.004	12-JUL-07
MET1-ULTRA-ED	**Water**							
Batch R547393								
WG623985-2 CRM		**1643E_WATER**						
Aluminum (Al)			102		%		90-122	12-JUL-07
Antimony (Sb)			102		%		86-108	12-JUL-07
Arsenic (As)			94		%		84-105	12-JUL-07
Barium (Ba)			99		%		88-109	12-JUL-07
Beryllium (Be)			89		%		77-110	12-JUL-07
Boron (B)			91		%		80-116	12-JUL-07
Cadmium (Cd)			104		%		87-109	12-JUL-07
Calcium (Ca)			91		%		82-106	12-JUL-07
Chromium (Cr)			106		%		84-118	12-JUL-07
Cobalt (Co)			104		%		90-110	12-JUL-07

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R547393								
WG623985-2 CRM		**1643E_WATER**						
Copper (Cu)			102		%		89-112	12-JUL-07
Iron (Fe)			104		%		90-110	12-JUL-07
Manganese (Mn)			101		%		81-120	12-JUL-07
Molybdenum (Mo)			99		%		88-111	12-JUL-07
Nickel (Ni)			101		%		88-110	12-JUL-07
Potassium (K)			92		%		88-119	12-JUL-07
Selenium (Se)			96		%		76-112	12-JUL-07
Silver (Ag)			91		%		4-124	12-JUL-07
Sodium (Na)			91		%		86-105	12-JUL-07
Strontium (Sr)			99		%		87-109	12-JUL-07
Vanadium (V)			99		%		87-109	12-JUL-07
Zinc (Zn)			100		%		65-133	12-JUL-07
Lead (Pb)			69	G	%		89-110	12-JUL-07
Magnesium (Mg)			85	G	%		86-109	12-JUL-07
WG623985-3 DUP		**L523940-1**						
Aluminum (Al)		0.0231	0.0229		mg/L	0.89	15	12-JUL-07
Antimony (Sb)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	10	12-JUL-07
Arsenic (As)		0.00004	0.00004	J	mg/L	0.00000	0.00012	12-JUL-07
Barium (Ba)		0.00410	0.00411		mg/L	0.25	10	12-JUL-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	12-JUL-07
Boron (B)		0.002	0.002	J	mg/L	0.000	0.004	12-JUL-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	12-JUL-07
Calcium (Ca)		0.90	0.92		mg/L	1.9	9.8	12-JUL-07
Chromium (Cr)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	18	12-JUL-07
Cobalt (Co)		0.0002	0.0001	J	mg/L	0.0000	0.0004	12-JUL-07
Copper (Cu)		0.0012	0.0012	J	mg/L	0.0000	0.0024	12-JUL-07
Iron (Fe)		0.027	0.028	J	mg/L	0.001	0.02	12-JUL-07
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	12	12-JUL-07
Magnesium (Mg)		0.317	0.320		mg/L	0.97	9.8	12-JUL-07
Manganese (Mn)		0.0027	0.0027		mg/L	2.3	10	12-JUL-07
Molybdenum (Mo)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	10	12-JUL-07
Nickel (Ni)		0.00072	0.00071		mg/L	1.5	10	12-JUL-07
Potassium (K)		0.33	0.34		mg/L	1.8	9.8	12-JUL-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R547393								
WG623985-3 DUP		**L523940-1**						
Selenium (Se)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	21	12-JUL-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	12-JUL-07
Sodium (Na)		1.19	1.20		mg/L	0.44	9.8	12-JUL-07
Strontium (Sr)		0.0056	0.0057		mg/L	0.73	9.5	12-JUL-07
Uranium (U)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	10	12-JUL-07
Vanadium (V)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	24	12-JUL-07
Zinc (Zn)		0.0009	0.0009	J	mg/L	0.0000	0.0032	12-JUL-07
WG623985-4 DUP		**L524795-1**						
Aluminum (Al)		0.0061	0.0063		mg/L	3.0	15	12-JUL-07
Antimony (Sb)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	10	12-JUL-07
Arsenic (As)		0.00014	0.00014	J	mg/L	0.00000	0.00012	12-JUL-07
Barium (Ba)		0.00766	0.00771		mg/L	0.68	10	12-JUL-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	12-JUL-07
Boron (B)		0.002	0.002	J	mg/L	0.000	0.004	12-JUL-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	12-JUL-07
Calcium (Ca)		12.8	12.9		mg/L	0.49	9.8	12-JUL-07
Chromium (Cr)		0.00007	0.00007	J	mg/L	0.00000	0.00024	12-JUL-07
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	12	12-JUL-07
Copper (Cu)		<0.0006	<0.0006	RPD-NA	mg/L	N/A	17	12-JUL-07
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	10	12-JUL-07
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	12	12-JUL-07
Magnesium (Mg)		2.41	2.47		mg/L	2.8	9.8	12-JUL-07
Manganese (Mn)		0.0093	0.0095		mg/L	1.9	10	12-JUL-07
Molybdenum (Mo)		0.00007	<0.00006	RPD-NA	mg/L	N/A	10	12-JUL-07
Nickel (Ni)		0.00015	0.00011	J	mg/L	0.00004	0.00024	12-JUL-07
Potassium (K)		0.64	0.65		mg/L	1.0	9.8	12-JUL-07
Selenium (Se)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	21	12-JUL-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	12-JUL-07
Sodium (Na)		1.04	1.06		mg/L	2.5	9.8	12-JUL-07
Strontium (Sr)		0.0099	0.0098		mg/L	0.35	9.5	12-JUL-07
Uranium (U)		0.00034	0.00033	J	mg/L	0.00001	0.0002	12-JUL-07
Vanadium (V)		0.00006	0.00006	J	mg/L	0.00000	0.0002	12-JUL-07
Zinc (Zn)		0.0008	0.0016	J	mg/L	0.0008	0.0032	12-JUL-07

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R547393								
WG623985-5 DUP		**L524795-2**						
Aluminum (Al)		0.0073	0.0071		mg/L	2.6	15	12-JUL-07
Antimony (Sb)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	10	12-JUL-07
Arsenic (As)		0.00031	0.00031		mg/L	0.17	11	12-JUL-07
Barium (Ba)		0.0111	0.0114		mg/L	2.3	10	12-JUL-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	12-JUL-07
Boron (B)		0.002	0.002	J	mg/L	0.000	0.004	12-JUL-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	12-JUL-07
Calcium (Ca)		10.1	10.0		mg/L	0.60	9.8	12-JUL-07
Chromium (Cr)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	18	12-JUL-07
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	12	12-JUL-07
Copper (Cu)		<0.0006	<0.0006	RPD-NA	mg/L	N/A	17	12-JUL-07
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	10	12-JUL-07
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	12	12-JUL-07
Magnesium (Mg)		2.02	2.07		mg/L	2.5	9.8	12-JUL-07
Manganese (Mn)		0.0029	0.0029		mg/L	1.9	10	12-JUL-07
Molybdenum (Mo)		0.00008	0.00008	J	mg/L	0.00000	0.00024	12-JUL-07
Nickel (Ni)		0.00053	0.00051	J	mg/L	0.00002	0.00024	12-JUL-07
Potassium (K)		0.94	0.94		mg/L	0.21	9.8	12-JUL-07
Selenium (Se)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	21	12-JUL-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	12-JUL-07
Sodium (Na)		1.07	1.09		mg/L	1.8	9.8	12-JUL-07
Strontium (Sr)		0.0093	0.0094		mg/L	0.30	9.5	12-JUL-07
Uranium (U)		0.00038	0.00040	J	mg/L	0.00001	0.0002	12-JUL-07
Vanadium (V)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	24	12-JUL-07
Zinc (Zn)		<0.0008	<0.0008	RPD-NA	mg/L	N/A	29	12-JUL-07
WG623985-6 DUP		**L524795-13**						
Aluminum (Al)		0.0025	0.0027	J	mg/L	0.0002	0.0012	12-JUL-07
Antimony (Sb)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	10	12-JUL-07
Arsenic (As)		0.00021	0.00021	J	mg/L	0.00000	0.00012	12-JUL-07
Barium (Ba)		0.0112	0.0115		mg/L	2.7	10	12-JUL-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	12-JUL-07
Boron (B)		0.018	0.018		mg/L	2.8	10	12-JUL-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	12-JUL-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R547393								
WG623985-6 DUP		**L524795-13**						
Calcium (Ca)		40.5	41.2		mg/L	1.7	9.8	12-JUL-07
Chromium (Cr)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	18	12-JUL-07
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	12	12-JUL-07
Copper (Cu)		<0.0006	<0.0006	RPD-NA	mg/L	N/A	17	12-JUL-07
Iron (Fe)		0.011	0.011	J	mg/L	0.000	0.02	12-JUL-07
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	12	12-JUL-07
Magnesium (Mg)		6.81	6.91		mg/L	1.5	9.8	12-JUL-07
Manganese (Mn)		0.0019	0.0019		mg/L	3.2	10	12-JUL-07
Molybdenum (Mo)		0.00033	0.00035	J	mg/L	0.00002	0.00024	12-JUL-07
Nickel (Ni)		0.00007	0.00011	J	mg/L	0.00004	0.00024	12-JUL-07
Potassium (K)		1.42	1.45		mg/L	2.1	9.8	12-JUL-07
Selenium (Se)		0.0001	0.0001	J	mg/L	0.0000	0.0004	12-JUL-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	12-JUL-07
Sodium (Na)		5.54	5.71		mg/L	3.0	9.8	12-JUL-07
Strontium (Sr)		0.0506	0.0518		mg/L	2.2	9.5	12-JUL-07
Uranium (U)		0.00051	0.00053		mg/L	3.5	10	12-JUL-07
Vanadium (V)		0.00010	0.00013	J	mg/L	0.00003	0.0002	12-JUL-07
Zinc (Zn)		0.0014	0.0092	J,G	mg/L	0.0078	0.0032	12-JUL-07
WG623985-7 DUP		**L524795-18**						
Aluminum (Al)		0.0117	0.0112		mg/L	4.2	15	12-JUL-07
Antimony (Sb)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	10	12-JUL-07
Arsenic (As)		0.00007	0.00006	J	mg/L	0.00000	0.00012	12-JUL-07
Barium (Ba)		0.00527	0.00525		mg/L	0.35	10	12-JUL-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	12-JUL-07
Boron (B)		0.003	0.003	J	mg/L	0.000	0.004	12-JUL-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	12-JUL-07
Calcium (Ca)		15.2	15.1		mg/L	0.22	9.8	12-JUL-07
Chromium (Cr)		<0.00006	0.00008	RPD-NA	mg/L	N/A	18	12-JUL-07
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	12	12-JUL-07
Copper (Cu)		<0.0006	<0.0006	RPD-NA	mg/L	N/A	17	12-JUL-07
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	10	12-JUL-07
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	12	12-JUL-07
Magnesium (Mg)		2.83	2.86		mg/L	1.2	9.8	12-JUL-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R547393								
WG623985-7 DUP		**L524795-18**						
Manganese (Mn)		0.0013	0.0013		mg/L	0.86	10	12-JUL-07
Molybdenum (Mo)		0.00012	0.00013	J	mg/L	0.00001	0.00024	12-JUL-07
Nickel (Ni)		0.00012	0.00012	J	mg/L	0.00000	0.00024	12-JUL-07
Potassium (K)		0.62	0.62		mg/L	1.3	9.8	12-JUL-07
Selenium (Se)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	21	12-JUL-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	12-JUL-07
Sodium (Na)		0.957	0.991		mg/L	3.5	9.8	12-JUL-07
Strontium (Sr)		0.0112	0.0112		mg/L	0.099	9.5	12-JUL-07
Uranium (U)		0.00044	0.00044	J	mg/L	0.00000	0.0002	12-JUL-07
Vanadium (V)		0.00009	0.00009	J	mg/L	0.00000	0.0002	12-JUL-07
Zinc (Zn)		0.0014	<0.0008	RPD-NA	mg/L	N/A	29	12-JUL-07
WG623985-8 DUP		**L524830-3**						
Aluminum (Al)		0.0014	0.0015	J	mg/L	0.0001	0.0012	12-JUL-07
Antimony (Sb)		0.00004	0.00004	J	mg/L	0.00000	0.00012	12-JUL-07
Arsenic (As)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	11	12-JUL-07
Barium (Ba)		0.00020	0.00020	J	mg/L	0.00001	0.0002	12-JUL-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	12-JUL-07
Boron (B)		<0.001	<0.001	RPD-NA	mg/L	N/A	10	12-JUL-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	12-JUL-07
Chromium (Cr)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	18	12-JUL-07
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	12	12-JUL-07
Copper (Cu)		<0.0006	<0.0006	RPD-NA	mg/L	N/A	17	12-JUL-07
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	10	12-JUL-07
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	12	12-JUL-07
Manganese (Mn)		0.0001	0.0001	J	mg/L	0.0000	0.0004	12-JUL-07
Molybdenum (Mo)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	10	12-JUL-07
Nickel (Ni)		0.00009	0.00009	J	mg/L	0.00000	0.00024	12-JUL-07
Selenium (Se)		N/A	<0.0001	RPD-NA	mg/L	N/A	21	12-JUL-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	12-JUL-07
Strontium (Sr)		0.0002	0.0002	J	mg/L	0.0000	0.0004	12-JUL-07
Uranium (U)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	10	12-JUL-07
Vanadium (V)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	24	12-JUL-07
Zinc (Zn)		<0.0008	0.0010	RPD-NA	mg/L	N/A	29	12-JUL-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R547393								
WG623985-9 DUP		**L525458-1**						
Aluminum (Al)		0.0025	0.0024	J	mg/L	0.0001	0.0012	12-JUL-07
Antimony (Sb)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	10	12-JUL-07
Arsenic (As)		0.00172	0.00170		mg/L	1.2	11	12-JUL-07
Barium (Ba)		0.109	0.110		mg/L	1.2	10	12-JUL-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	12-JUL-07
Boron (B)		0.046	0.048		mg/L	4.3	10	12-JUL-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	12-JUL-07
Calcium (Ca)		49.2	49.7		mg/L	0.87	9.8	12-JUL-07
Chromium (Cr)		0.00012	0.00012	J	mg/L	0.00000	0.00024	12-JUL-07
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	12	12-JUL-07
Copper (Cu)		<0.0006	<0.0006	RPD-NA	mg/L	N/A	17	12-JUL-07
Iron (Fe)		1.59	1.60		mg/L	0.73	10	12-JUL-07
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	12	12-JUL-07
Magnesium (Mg)		25.3	25.6		mg/L	1.2	9.8	12-JUL-07
Manganese (Mn)		0.402	0.409		mg/L	1.7	10	12-JUL-07
Molybdenum (Mo)		0.00384	0.00389		mg/L	1.3	10	12-JUL-07
Nickel (Ni)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	10	12-JUL-07
Potassium (K)		4.08	4.21		mg/L	3.0	9.8	12-JUL-07
Selenium (Se)		0.0019	0.0019		mg/L	0.99	21	12-JUL-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	12-JUL-07
Strontium (Sr)		0.462	0.461		mg/L	0.37	9.5	12-JUL-07
Uranium (U)		0.00017	0.00017	J	mg/L	0.00000	0.0002	12-JUL-07
Vanadium (V)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	24	12-JUL-07
Zinc (Zn)		<0.0008	<0.0008	RPD-NA	mg/L	N/A	29	12-JUL-07
WG623985-1 MB								
Aluminum (Al)			<0.0003		mg/L		0.0015	12-JUL-07
Antimony (Sb)			<0.00003		mg/L		0.00015	12-JUL-07
Arsenic (As)			<0.00003		mg/L		0.00015	12-JUL-07
Barium (Ba)			<0.00005		mg/L		0.00025	12-JUL-07
Beryllium (Be)			<0.0002		mg/L		0.001	12-JUL-07
Boron (B)			<0.001		mg/L		0.005	12-JUL-07
Cadmium (Cd)			<0.00005		mg/L		0.00025	12-JUL-07
Calcium (Ca)			<0.02		mg/L		0.1	12-JUL-07

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R547393								
WG623985-1 MB								
Chromium (Cr)			<0.00006		mg/L		0.0003	12-JUL-07
Cobalt (Co)			<0.0001		mg/L		0.0005	12-JUL-07
Copper (Cu)			<0.0006		mg/L		0.003	12-JUL-07
Iron (Fe)			<0.005		mg/L		0.025	12-JUL-07
Lead (Pb)			<0.00005		mg/L		0.00025	12-JUL-07
Magnesium (Mg)			<0.004		mg/L		0.02	12-JUL-07
Manganese (Mn)			<0.0001		mg/L		0.0005	12-JUL-07
Molybdenum (Mo)			<0.00006		mg/L		0.0003	12-JUL-07
Nickel (Ni)			<0.00006		mg/L		0.0003	12-JUL-07
Potassium (K)			<0.02		mg/L		0.1	12-JUL-07
Selenium (Se)			<0.0001		mg/L		0.0005	12-JUL-07
Silver (Ag)			<0.0001		mg/L		0.0005	12-JUL-07
Sodium (Na)			<0.005		mg/L		0.025	12-JUL-07
Strontium (Sr)			<0.0001		mg/L		0.0005	12-JUL-07
Uranium (U)			<0.00005		mg/L		0.00025	12-JUL-07
Vanadium (V)			<0.00005		mg/L		0.00025	12-JUL-07
Zinc (Zn)			<0.0008		mg/L		0.004	12-JUL-07
MET2-TOT-LOW-ED	**Water**							
Batch R545105								
WG621900-1 MB								
Calcium (Ca)			<0.5		mg/L		2.5	06-JUL-07
Iron (Fe)			<0.005		mg/L		0.025	06-JUL-07
Magnesium (Mg)			<0.1		mg/L		0.5	06-JUL-07
Manganese (Mn)			<0.001		mg/L		0.005	06-JUL-07
Potassium (K)			<0.1		mg/L		0.5	06-JUL-07
Sodium (Na)			<1		mg/L		5	06-JUL-07
WG621900-3 MS		**L524586-5**						
Calcium (Ca)			99		%		50-132	06-JUL-07
Iron (Fe)			99		%		78-117	06-JUL-07
Magnesium (Mg)			99		%		62-122	06-JUL-07
Manganese (Mn)			101		%		79-112	06-JUL-07
Potassium (K)			94		%		81-119	06-JUL-07
Sodium (Na)			97		%		64-127	06-JUL-07

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET2-TOT-LOW-ED	**Water**							
Batch R546276								
WG623062-2 DUP		**L524795-16**						
Calcium (Ca)		12.9	13.6		mg/L	5.3	11	10-JUL-07
Iron (Fe)		0.013	0.015	J	mg/L	0.003	0.02	10-JUL-07
Magnesium (Mg)		2.7	2.8		mg/L	4.6	10	10-JUL-07
Manganese (Mn)		<0.001	<0.001	RPD-NA	mg/L	N/A	10	10-JUL-07
Potassium (K)		0.9	0.8	J	mg/L	0.0	0.4	10-JUL-07
Sodium (Na)		1	1	J	mg/L	0	4	10-JUL-07
WG623062-1 MB								
Calcium (Ca)			<0.5		mg/L		2.5	10-JUL-07
Iron (Fe)			<0.005		mg/L		0.025	10-JUL-07
Magnesium (Mg)			<0.1		mg/L		0.5	10-JUL-07
Manganese (Mn)			<0.001		mg/L		0.005	10-JUL-07
Potassium (K)			<0.1		mg/L		0.5	10-JUL-07
Sodium (Na)			<1		mg/L		5	10-JUL-07
WG623062-3 MS		**L524795-24**						
Calcium (Ca)			92		%		50-132	10-JUL-07
Iron (Fe)			93		%		78-117	10-JUL-07
Magnesium (Mg)			95		%		62-122	10-JUL-07
Manganese (Mn)			98		%		79-112	10-JUL-07
Potassium (K)			95		%		81-119	10-JUL-07
Sodium (Na)			93		%		64-127	10-JUL-07
MET2-ULTRA-DIS-ED	**Water**							
Batch R546993								
WG624397-10 DUP		**L524795-26**						
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	9.8	11-JUL-07
WG624397-12 DUP		**L525458-3**						
Iron (Fe)		0.021	0.011	J	mg/L	0.010	0.02	11-JUL-07
WG624397-2 DUP		**L523940-4**						
Iron (Fe)		0.038	0.039	J	mg/L	0.001	0.02	11-JUL-07
WG624397-4 DUP		**L524795-6**						
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	9.8	11-JUL-07
WG624397-8 DUP		**L524795-20**						
Iron (Fe)		0.020	0.019	J	mg/L	0.000	0.02	11-JUL-07
WG624397-1 MB								
Iron (Fe)			<0.005		mg/L		0.025	11-JUL-07
WG624397-11 MS		**L524795-26**						

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET2-ULTRA-DIS-ED	**Water**							
Batch R546993								
WG624397-11 MS		**L524795-26**						
Iron (Fe)			101		%		88-111	11-JUL-07
WG624397-13 MS		**L525458-3**						
Iron (Fe)			101		%		88-111	11-JUL-07
WG624397-3 MS		**L523940-4**						
Iron (Fe)			98		%		88-111	11-JUL-07
WG624397-9 MS		**L524795-20**						
Iron (Fe)			98		%		88-111	11-JUL-07
MET2-ULTRA-ED	**Water**							
Batch R546993								
WG624397-6 DUP		**L524795-13**						
Iron (Fe)		0.029	0.030	J	mg/L	0.001	0.02	11-JUL-07
WG624397-1 MB								
Iron (Fe)			<0.005		mg/L		0.025	11-JUL-07
WG624397-7 MS		**L524795-13**						
Iron (Fe)			97		%		78-117	11-JUL-07
MN-EXT-ROU-ED	**Water**							
Batch R546411								
WG623855-3 DUP		**L524795-20**						
Manganese (Mn)-Extractable		<0.01	<0.01	RPD-NA	mg/L	N/A	10	10-JUL-07
WG623855-2 LCS								
Manganese (Mn)-Extractable			102		%		97-115	10-JUL-07
WG623855-1 MB								
Manganese (Mn)-Extractable			<0.01		mg/L		0.05	10-JUL-07
WG623855-4 MS		**L524795-20**						
Manganese (Mn)-Extractable			102		%		82-112	10-JUL-07
N2N3-LOW-ED	**Water**							
Batch R543356								
WG620388-4 DUP		**L524795-26**						
Nitrate+Nitrite-N		<0.006	<0.006	RPD-NA	mg/L	N/A	10	03-JUL-07
WG620388-6 DUP		**L524795-11**						
Nitrate+Nitrite-N		<0.006	<0.006	RPD-NA	mg/L	N/A	10	03-JUL-07
WG620388-2 LCS								
Nitrate+Nitrite-N			98		%		89-108	03-JUL-07
WG620388-1 MB								
Nitrate+Nitrite-N			<0.006		mg/L		0.006	03-JUL-07
WG620388-5 MS		**L524795-25**						

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
N2N3-LOW-ED	**Water**							
Batch R543356								
WG620388-5 MS		**L524795-25**						
Nitrate+Nitrite-N			104		%		73-121	03-JUL-07
NH4-LOW-ED	**Water**							
Batch R547207								
WG624939-11 DUP		**L527704-7**						
Ammonia-N		0.009	0.007	J	mg/L	0.001	0.02	12-JUL-07
WG624939-7 DUP		**L525524-9**						
Ammonia-N		0.029	0.028	J	mg/L	0.001	0.02	12-JUL-07
WG624939-9 DUP		**L524795-21**						
Ammonia-N		0.030	0.030	J	mg/L	0.000	0.02	12-JUL-07
WG624939-2 LCS								
Ammonia-N			97		%		81-118	12-JUL-07
WG624939-3 LCS								
Ammonia-N			95		%		88-111	12-JUL-07
WG624939-1 MB								
Ammonia-N			<0.005		mg/L		0.005	12-JUL-07
WG624939-10 MS		**L527040-5**						
Ammonia-N			99		%		75-122	12-JUL-07
WG624939-5 MS		**L494566-29**						
Ammonia-N			101		%		75-122	12-JUL-07
WG624939-6 MS		**L525458-3**						
Ammonia-N			95		%		75-122	12-JUL-07
WG624939-8 MS		**L526286-4**						
Ammonia-N			85		%		75-122	12-JUL-07
NO2-LOW-ED	**Water**							
Batch R543356								
WG620388-4 DUP		**L524795-26**						
Nitrite-N		<0.002	<0.002	RPD-NA	mg/L	N/A	9.1	03-JUL-07
WG620388-6 DUP		**L524795-11**						
Nitrite-N		<0.002	<0.002	RPD-NA	mg/L	N/A	9.1	03-JUL-07
WG620388-2 LCS								
Nitrite-N			99		%		90-108	03-JUL-07
WG620388-1 MB								
Nitrite-N			<0.002		mg/L		0.002	03-JUL-07
WG620388-5 MS		**L524795-25**						
Nitrite-N			105		%		78-122	03-JUL-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
P-TOTAL-LOW-ED	**Water**							
Batch R545120								
WG620989-4 DUP		**L524328-1**						
Phosphorus, Total		0.043	0.043		mg/L	0.24	9.7	05-JUL-07
WG620989-5 DUP		**L524795-11**						
Phosphorus, Total		0.015	0.013		mg/L	8.6	9.7	05-JUL-07
WG620989-3 LCS								
Phosphorus, Total			100		%		80-116	05-JUL-07
WG620989-2 MB								
Phosphorus, Total			<0.001		mg/L		0.001	05-JUL-07
WG620989-6 MS		**L524328-7**						
Phosphorus, Total			103		%		79-118	05-JUL-07
WG620989-7 MS		**L524623-7**						
Phosphorus, Total			101		%		79-118	05-JUL-07
WG620989-8 MS		**L524665-7**						
Phosphorus, Total			103		%		79-118	05-JUL-07
WG620989-9 MS		**L524795-26**						
Phosphorus, Total			106		%		79-118	05-JUL-07
PH/EC/ALK-ED	**Water**							
Batch R544076								
WG621106-5 DUP		**L524795-25**						
Alkalinity, Total (as CaCO3)		<5	<5	RPD-NA	mg/L	N/A	6.5	04-JUL-07
Bicarbonate (HCO3)		<5	<5	RPD-NA	mg/L	N/A	26	04-JUL-07
Carbonate (CO3)		<5	<5	RPD-NA	mg/L	N/A	26	04-JUL-07
Conductivity (EC)		2.0	1.9	J	uS/cm	0.1	10	04-JUL-07
Hydroxide (OH)		<5	<5	RPD-NA	mg/L	N/A	26	04-JUL-07
pH		6.5	6.4	J	pH	0.0	0.2	04-JUL-07
WG621106-6 DUP		**L524505-1**						
Alkalinity, Total (as CaCO3)		328	328		mg/L	0.049	6.5	04-JUL-07
Bicarbonate (HCO3)		400	400		mg/L	0.048	26	04-JUL-07
Carbonate (CO3)		<5	<5	RPD-NA	mg/L	N/A	26	04-JUL-07
Conductivity (EC)		709	708		uS/cm	0.14	7.1	04-JUL-07
Hydroxide (OH)		<5	<5	RPD-NA	mg/L	N/A	26	04-JUL-07
pH		7.9	7.9	J	pH	0.0	0.2	04-JUL-07
WG621106-2 LCS								
Conductivity (EC)			100		%		94-106	04-JUL-07
WG621106-3 LCS								
pH			7.0		pH		6.9-7.1	04-JUL-07

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PH/EC/ALK-ED	**Water**							
Batch R544076								
WG621106-4 LCS								
Alkalinity, Total (as CaCO3)			102		%		90-110	04-JUL-07
WG621106-1 MB								
Alkalinity, Total (as CaCO3)			<5		mg/L		5	04-JUL-07
Bicarbonate (HCO3)			<5		mg/L		5	04-JUL-07
Carbonate (CO3)			<5		mg/L		5	04-JUL-07
Hydroxide (OH)			<5		mg/L		5	04-JUL-07
SI-DIS-ED	**Water**							
Batch R546993								
WG624397-10 DUP		**L524795-26**						
Silicon (Si)-Dissolved		<0.1	<0.1	RPD-NA	mg/L	N/A	26	11-JUL-07
WG624397-4 DUP		**L524795-6**						
Silicon (Si)-Dissolved		0.8	0.8	J	mg/L	0.0	0.4	11-JUL-07
WG624397-8 DUP		**L524795-20**						
Silicon (Si)-Dissolved		0.4	0.4	J	mg/L	0.0	0.4	11-JUL-07
WG624397-1 MB								
Silicon (Si)-Dissolved			<0.1		mg/L		0.1	11-JUL-07
WG624397-11 MS		**L524795-26**						
Silicon (Si)-Dissolved			107		%		63-138	11-JUL-07
WG624397-9 MS		**L524795-20**						
Silicon (Si)-Dissolved			100		%		63-138	11-JUL-07
SI-TOT-ED	**Water**							
Batch R545105								
WG621900-1 MB								
Silicon (Si)-Total			<0.1		mg/L		0.1	06-JUL-07
Batch R546276								
WG623062-2 DUP		**L524795-16**						
Silicon (Si)-Total		0.3	0.3	J	mg/L	0.0	0.4	10-JUL-07
WG623062-1 MB								
Silicon (Si)-Total			<0.1		mg/L		0.1	10-JUL-07
WG623062-3 MS		**L524795-24**						
Silicon (Si)-Total			115		%		63-138	10-JUL-07
Batch R546993								
WG624397-6 DUP		**L524795-13**						
Silicon (Si)-Total		0.7	0.7	J	mg/L	0.0	0.4	11-JUL-07
WG624397-1 MB								

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
SI-TOT-ED	**Water**							
Batch R546993								
WG624397-1 MB								
Silicon (Si)-Total			<0.1		mg/L		0.1	11-JUL-07
WG624397-7 MS		**L524795-13**						
Silicon (Si)-Total			99		%		63-138	11-JUL-07
SN-ULTRA-DIS-ED	**Water**							
Batch R547393								
WG623985-1 MB								
Tin (Sn)-Dissolved			<0.0001		mg/L		0.0005	12-JUL-07
SN-ULTRA-ED	**Water**							
Batch R547393								
WG623985-4 DUP		**L524795-1**						
Tin (Sn)-Total		<0.0001	<0.0001	RPD-NA	mg/L	N/A	25	12-JUL-07
WG623985-5 DUP		**L524795-2**						
Tin (Sn)-Total		<0.0001	<0.0001	RPD-NA	mg/L	N/A	25	12-JUL-07
WG623985-6 DUP		**L524795-13**						
Tin (Sn)-Total		<0.0001	<0.0001	RPD-NA	mg/L	N/A	25	12-JUL-07
WG623985-7 DUP		**L524795-18**						
Tin (Sn)-Total		<0.0001	<0.0001	RPD-NA	mg/L	N/A	25	12-JUL-07
WG623985-1 MB								
Tin (Sn)-Total			<0.0001		mg/L		0.0005	12-JUL-07
SO4-LOW-ED	**Water**							
Batch R543361								
WG620392-23 DUP		**L525786-1**						
Sulphate (SO4)		17.1	17.1		mg/L	0.012	11	06-JUL-07
WG620392-27 DUP		**L526999-5**						
Sulphate (SO4)		45.2	45.2		mg/L	0.13	11	09-JUL-07
WG620392-5 DUP		**L524795-1**						
Sulphate (SO4)		2.40	2.41		mg/L	0.79	11	03-JUL-07
WG620392-7 DUP		**L524795-26**						
Sulphate (SO4)		<0.05	<0.05	RPD-NA	mg/L	N/A	11	03-JUL-07
WG620392-9 DUP		**L523353-3**						
Sulphate (SO4)		<0.05	<0.05	RPD-NA	mg/L	N/A	11	04-JUL-07
WG620392-2 LCS								
Sulphate (SO4)			105		%		88-110	03-JUL-07
WG620392-1 MB								
Sulphate (SO4)			<0.05		mg/L		0.05	03-JUL-07

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
SO4-LOW-ED	**Water**							
Batch R543361								
WG620392-10 MS		**L523353-3**						
Sulphate (SO4)			103		%		75-117	04-JUL-07
WG620392-24 MS		**L525786-1**						
Sulphate (SO4)			94		%		75-117	06-JUL-07
WG620392-6 MS		**L524795-1**						
Sulphate (SO4)			103		%		75-117	03-JUL-07
WG620392-8 MS		**L524795-26**						
Sulphate (SO4)			104		%		75-117	03-JUL-07
SOLIDS-TOTSUS-ED	**Water**							
Batch R543663								
WG620445-3 DUP		**L523728-1**						
Total Suspended Solids		3	3	J	mg/L	0	12	04-JUL-07
WG620445-4 DUP		**L524795-6**						
Total Suspended Solids		<3	<3	RPD-NA	mg/L	N/A	16	04-JUL-07
WG620445-2 LCS								
Total Suspended Solids			98		%		82-111	04-JUL-07
WG620445-1 MB								
Total Suspended Solids			<3		mg/L		3	04-JUL-07
TURBIDITY-ED	**Water**							
Batch R543355								
WG620386-1 DUP		**L524694-2**						
Turbidity		12	12		NTU	1.7	8.8	03-JUL-07
WG620386-2 MB								
Turbidity			<0.1		NTU		0.1	03-JUL-07

ALS Laboratory Group Quality Control Report

Legend:

Limit	99% Confidence Interval (Laboratory Control Limits)
DUP	Duplicate
RPD	Relative Percent Difference
N/A	Not Available
LCS	Laboratory Control Sample
SRM	Standard Reference Material
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ADE	Average Desorption Efficiency
MB	Method Blank
IRM	Internal Reference Material
CRM	Certified Reference Material
CCV	Continuing Calibration Verification
CVS	Calibration Verification Standard
LCSD	Laboratory Control Sample Duplicate

Qualifier:

RPD-NA	Relative Percent Difference Not Available due to result(s) being less than detection limit.
A	Method blank exceeds acceptance limit. Blank correction not applied, unless the qualifier "RAMB" (result adjusted for method blank) appears in the Analytical Report.
B	Method blank result exceeds acceptance limit, however, it is less than 5% of sample concentration. Blank correction not applied.
E	Matrix spike recovery may fall outside the acceptance limits due to high sample background.
F	Silver recovery low, likely due to elevated chloride levels in sample.
G	Outlier - No assignable cause for nonconformity has been determined.
J	Duplicate results and limit(s) are expressed in terms of absolute difference.
K	The sample referenced above is of a non-standard matrix type; standard QC acceptance criteria may not be achievable.
L	Low matrix spike recovery due to instability of spiked analyte in the sample matrix.

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

CHAIN OF CUSTODY / ANALYTICAL REQUEST FORM

CANADA TOLL FREE 1-800-668-9878

www.alsenviro.com

COC # A040189

REPORT TO:	REPORT FORMAT / DISTRIBUTION	SERVICE REQUESTED
COMPANY: EBA Engineering	STANDARD ✓ OTHER	✓ REGULAR SERVICE (DEFAULT)
CONTACT: Steve Moore	PDF ✓ EXCEL ✓ CUSTOM FAX	RUSH SERVICE (2-3 DAYS)
ADDRESS: #201, 4916-49 Street	EMAIL 1: smoore@eba.ca	PRIORITY SERVICE (1 DAY or ASAP)
Yellowknife, NT	EMAIL 2: klanglois@eba.ca	EMERGENCY SERVICE (≤1 DAY / WEEKEND) - CONTACT ALS
PHONE: (867)920-2287 FAX: (867)873-3324		ANALYSIS REQUEST
INVOICE TO: SAME AS REPORT ? (YES) NO	INDICATE BOTTLES: FILTERED / PRESERVED (F/P) → → →	
COMPANY:	CLIENT / PROJECT INFORMATION:	
CONTACT:	JOB #: 174D183	
ADDRESS:	PO /AFE:	
	Legal Site Description:	
PHONE: FAX:	QUOTE #: Q15179	
Lab Work Order # (lab use only): L524795	SAMPLER (initials):	

Sample #	SAMPLE IDENTIFICATION (This description will appear on the report)	DATE	TIME	SAMPLE TYPE	Routine	Nutrients	TOC	ultra low Total Metals	ultra low Dissolved Metals	HAZARDOUS ?	HIGHLY CONTAMINATED ?	NUMBER OF CONTAINERS
	WQ1	June 25/07		Water	✓	✓	✓	✓	✓			
	WQ2	" "		"	✓	✓	✓	✓	✓			
	WQ14	" "		"	✓	✓	✓	✓	✓			
	GW 11	" "		"	✓	✓	✓	✓	✓			
	GW 11 Duplicate	" "		"	✓	✓	✓	✓	✓			
	WQ5	June 26/07		"	✓	✓	✓	✓	✓			
	WQ11	" "		"	✓	✓	✓	✓	✓			
	WQ8	" "		"	✓	✓	✓	✓	✓			
	WQ8 Duplicate	" "		"	✓	✓	✓	✓	✓			
	WQ10	June 27/07		"	✓	✓	✓	✓	✓			

GUIDELINES / REGULATIONS	SPECIAL INSTRUCTIONS / HAZARDOUS DETAILS

Failure to complete all portions of this form may delay analysis. Please fill in this form *LEGIBLY*.

By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the reverse page of the white report copy.

RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:	SAMPLE CONDITION (lab use only)	
Karla Langlois	June 29/07	Osman	03 July 07	TEMPERATURE	SAMPLES RECEIVED IN GOOD CONDITION ? YES / NO (If no provide details)
RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME: 10:24		

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

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COC # A040190

REPORT TO:	REPORT FORMAT / DISTRIBUTION	SERVICE REQUESTED
COMPANY: EBA Engineering	STANDARD ✓ OTHER	✓ REGULAR SERVICE (DEFAULT)
CONTACT: Steve Moore	PDF ✓ EXCEL ✓ CUSTOM FAX	RUSH SERVICE (2-3 DAYS)
ADDRESS: #201, 4916-49 Street	EMAIL 1: smoore@eba.ca	PRIORITY SERVICE (1 DAY or ASAP)
Yellowknife, NT X1A 2P7	EMAIL 2: klanglois@eba.ca	EMERGENCY SERVICE (<1 DAY / WEEKEND) - CONTACT ALS
PHONE: (867) 920-2288 FAX: 873-3524		ANALYSIS REQUEST
INVOICE TO: SAME AS REPORT ? (YES) / NO	INDICATE BOTTLES: FILTERED / PRESERVED (F/P) → → →	
COMPANY:	CLIENT / PROJECT INFORMATION:	
CONTACT:	JOB #: 1740183	
ADDRESS:	PO /AFE:	
	Legal Site Description:	
PHONE: FAX:	QUOTE #: Q15179	
Lab Work Order # (lab use only)	SAMPLER (Initials):	

Sample #	SAMPLE IDENTIFICATION (This description will appear on the report)	DATE	TIME	SAMPLE TYPE	Routine	Nutrients	Tcc	Ultra Low Total Metals	Ultra Low Dissolved Metals	HAZARDOUS ?	HIGHLY CONTAMINATED ?	NUMBER OF CONTAINERS
	WQ 7	June 29/07		Water	✓	✓	✓	✓	✓			
	WQ 9	" "		"	✓	✓	✓	✓	✓			
	WQ 10	" "		"	✓	✓	✓	✓	✓			
	WQ 12	" "		"	✓	✓	✓	✓	✓			
	WQ 12 Duplicate	" "		"	✓	✓	✓	✓	✓			
	WQ 13	" "		"	✓	✓	✓	✓	✓			
	WQ 15	" "		"	✓	✓	✓	✓	✓			
	GW 1	" "		"	✓	✓	✓	✓	✓			
	GW 2	" "		"	✓	✓	✓	✓	✓			
	GW 3	" "		"	✓	✓	✓	✓	✓			

GUIDELINES / REGULATIONS

SPECIAL INSTRUCTIONS / HAZARDOUS DETAILS

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RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:
Kayla Langlois	June 29/07		
RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:

SAMPLE CONDITION (lab use only)

TEMPERATURE	SAMPLES RECEIVED IN GOOD CONDITION ? YES / NO (If no provide details)

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

CHAIN OF CUSTODY / ANALYTICAL REQUEST FORM

CANADA TOLL FREE 1-800-668-9878

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COC # A040200

REPORT TO:	REPORT FORMAT / DISTRIBUTION	SERVICE REQUESTED
COMPANY: EBA Engineering	STANDARD ✓ OTHER	✓ REGULAR SERVICE (DEFAULT)
CONTACT: Steve Moore	PDF ✓ EXCEL ✓ CUSTOM FAX	RUSH SERVICE (2-3 DAYS)
ADDRESS: #201, 4916-49 Street	EMAIL 1: smoore@eba.ca	PRIORITY SERVICE (1 DAY or ASAP)
Yellowknife NT X1A 2P7	EMAIL 2: klanglois@eba.ca	EMERGENCY SERVICE (<1 DAY / WEEKEND) - CONTACT ALS
PHONE: (867)920-2741 FAX: 873-3324		ANALYSIS REQUEST
INVOICE TO: SAME AS REPORT ? (YES) / NO	INDICATE BOTTLES: FILTERED / PRESERVED (F/P) → → →	
COMPANY:	CLIENT / PROJECT INFORMATION:	
CONTACT:	JOB #: 1740183	
ADDRESS:	PO /AFE:	
	Legal Site Description:	
PHONE: FAX:	QUOTE #: Q15179	
Lab Work Order # (lab use only)	SAMPLER (Initials):	

Sample #	SAMPLE IDENTIFICATION (This description will appear on the report)	DATE	TIME	SAMPLE TYPE	Routine	Nutrients	TOC	Ultra Low Total Metals	Ultra Low Dissolved Metals	HAZARDOUS ?	HIGHLY CONTAMINATED ?	NUMBER OF CONTAINERS
	GW 4	June 27/07		Water	✓	✓	✓	✓	✓			
	GW 4 Duplicate	"		"	✓	✓	✓	✓	✓			
	GW 12	"		"	✓	✓	✓	✓	✓			
	GW 13	"		"	✓	✓	✓	✓	✓			
	Field Blank	"		"	✓	✓	✓	✓	✓			
	Travel Blank			"	✓	✓	✓	✓	✓			
	Filter Blank								✓			

GUIDELINES / REGULATIONS

SPECIAL INSTRUCTIONS / HAZARDOUS DETAILS

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By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the reverse page of the white report copy.

RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:
Kaula Langlois	June 29/07		
RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:

SAMPLE CONDITION (lab use only)

TEMPERATURE	SAMPLES RECEIVED IN GOOD CONDITION ? YES / NO (If no provide details)

Order# BR29230 | **Bottle Request Form** | **May 22 2007**

Account #:	18017	**Company:**	EBA ENG CONSULTANTS LTD~YELL(
Order Taken By:	CEVARISTO	**Client Contact:**	KRISTA AMEY
Expected Date:	23-MAY-07 00:00	**Address:**	201- 4916 49 STREET
Order Priority:	R		PO BOX 2244
Ship/Pickup Inst:	COURIER		
Waybill Number:		**Job Number:**	MACTUNG, W23101021
Lab to fill order:	ED	**City/Province:**	YELLOWKNIFE NT
Prepared Date:		**Postal Code:**	X1A 2P7
Prepared By:	**Initials:**	**Phone Number:**	867 920 2287
Checked By:		**Fax Number:**	867 873 3324

	Qty	Type	Analysis	Color	Container	Preservatives	Handling	Instructions #
☐	1	IN/WT	RoutineTBlank		500 mL Polyethylene	No Preservative	Cool to 4 Degrees C	3,8,29,30
☐	13	IN/WT	Nutrients	Purple	500 mL Polyethylene	2 mL 1:1 H2SO4	Cool to 4 Degrees C	11
☐	1	IN/WT	NutrientsTBlank	Purple	500 mL Polyethylene	2 mL 1:1 H2SO4	Cool to 4 Degrees C	11,29,30
☐	13	IN/WT	TOC/ COD	Fl Red	100 mL Amber, Linerless Cap	1 mL 1:1 H2SO4	Cool to 4 Degrees C	11
☐	1	IN/WT	TOC/ CODTBlank	Fl Red	100 mL Amber, Linerless Cap	1 mL 1:1 H2SO4	Cool to 4 Degrees C	11,29,30
☐	13	IN/WT	Routine		500 mL Polyethylene	No Preservative	Cool to 4 Degrees C	3,8
☐	26	IN/WT	Ultra Low Level Metals	FL Green	250 mL P.E.T.E. (widemouth)	1mL 1:1 ultra-pure NitricAcid(Spec.Bottles Req,See R.Jones)	Cool to 4 Degrees C	13,23,28
☐	2	IN/WT	Ultra Low Level MetalsTBlank	FL Green	250 mL P.E.T.E. (widemouth)	1mL 1:1 ultra-pure NitricAcid(Spec.Bottles Req,See R.Jones)	Cool to 4 Degrees C	13,23,28,29,30
☐	2	XX	1 ice pack		in each cooler	No Preservative		
☐	4	XX	L of DI Water		To fit quantity of water	No Preservative		

Comments:

Inorganics to provide all bottles. Make sure that paraffin wax is used on trip blanks. Please send a few extra preservatives for all bottle types. Thank-you

Please note the "Instructions #" above for the sample containers shipped to you.

Instructions #	Guideline
3	Keep cool (4oC).
8	No preservative.
11	Sulfuric acid (H2SO4): oxidizer/corrosive-in case of contact with skin, rinse affected area with excess cold water.
13	Nitric acid (HNO3): highly toxic/corrosive- in case of contact with skin, rinse affected area with excess cold water.
23	Total Metals: acidify in the field without filtering, further digested in the laboratory.
23	Dissolved Metals: filter in the field, then acidify.
23	Extractable metals: acidify in the field without filtering.

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Order# BR29230	Bottle Request Form	May 22 2007

Instructions #	Guideline
28	Please contact Catherine Evaristo-Corder for important instructions.
29	Ship in ziplock bags with ice packs, keep cool to 4oC
30	Ensure all trip blanks are sealed with parafilm and have preparation date

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ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

ANALYTICAL REPORT

EBA ENG CONSULTANTS LTD

ATTN: STEVE MOORE

Reported On: 28-AUG-07 04:14 PM

#201, 4916-49 STREET
PO BOX 2244
YELLOWKNIFE NT X1A 2P7

Lab Work Order #: **L538614** **Date Received:** **07-AUG-07**

Project P.O. #:
Job Reference: 1740183.007
Legal Site Desc:
CofC Numbers: A072173, A072174, A072175, A072252

Other Information:

Comments: L538614-3 and -30; Analysis for total metals was changed from ultra-low level to low level analysis.

CHARLES LEBLANC
General Manager, Edmonton

For any questions about this report please contact your Account Manager:

CATHERINE EVARISTO-CORDERO

THIS REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN AUTHORITY OF THE LABORATORY.
ALL SAMPLES WILL BE DISPOSED OF AFTER 30 DAYS FOLLOWING ANALYSIS. PLEASE CONTACT THE LAB IF YOU REQUIRE ADDITIONAL SAMPLE STORAGE TIME.

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-1	WQ STATION 5								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0009		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00026		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00892		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.007		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	21.1		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00088		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	4.75		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0004		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00019		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00015		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.12		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	6.77		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0239		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00023		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00020		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0019		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0037		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00029		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00882		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.007		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	21.0		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00081		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	4.73		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0030		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00018		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00013		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.13		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	6.65		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0233		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00041		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00021		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-1	WQ STATION 5								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals								
		Iron (Fe)	0.015		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	21.8		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	5.0		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	1.1		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	7		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	75			mg/L		12-AUG-07	
		Ion Balance	99.3			%		12-AUG-07	
		TDS (Calculated)	95			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	68		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	83		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	178		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	8.1		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	12		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	7.01		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.5		0.1	mg/L		15-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.5		0.1	mg/L		15-AUG-07	SYF
		Ammonia-N	0.009		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0012		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0013		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.004		0.001	mg/L		08-AUG-07	KMY
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.50		0.1	NTU		07-AUG-07	LD
L538614-2	WQ STATION 7								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0008		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-2	WQ STATION 7								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Arsenic (As)	0.00022		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00998		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.016		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	51.5		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00088		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	8.18		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0003		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00021		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00008		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.02		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	6.91		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0674		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00046		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00009		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0035		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.005		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0019		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00020		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00998		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.016		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	49.3		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00048		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	7.94		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0004		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00019		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.02		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	6.59		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0667		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00050		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00009		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.008		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-2	WQ STATION 7								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	54.3		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	8.4		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	1.0		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	7		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	170			mg/L		12-AUG-07	
		Ion Balance	105			%		12-AUG-07	
		TDS (Calculated)	183			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	155		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	188		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	327		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	8.3		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	9		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	0.06		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	10.5		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.8		0.1	mg/L		15-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.8		0.1	mg/L		17-AUG-07	SYF
		Ammonia-N	0.028		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0034		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0036		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.002		0.001	mg/L		08-AUG-07	KMY
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	4		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.70		0.1	NTU		07-AUG-07	LD
L538614-3	WQ STATION 9								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Total Metals								
	Total Major Metals								
		Calcium (Ca)	25.2		0.5	mg/L		18-AUG-07	SYF
		Iron (Fe)	0.071		0.005	mg/L		18-AUG-07	SYF
		Magnesium (Mg)	5.0		0.1	mg/L		18-AUG-07	SYF
		Manganese (Mn)	0.002		0.001	mg/L		18-AUG-07	SYF
		Potassium (K)	1.0		0.1	mg/L		18-AUG-07	SYF

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-3	WQ STATION 9								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Total Metals								
	Total Major Metals								
		Sodium (Na)	4		1	mg/L		18-AUG-07	SYF
	Total Trace Metals (Low Level)								
		Aluminum (Al)	0.02		0.02	mg/L		19-AUG-07	JGP
		Antimony (Sb)	<0.0004		0.0004	mg/L		19-AUG-07	JGP
		Arsenic (As)	<0.0004		0.0004	mg/L		19-AUG-07	JGP
		Barium (Ba)	0.0069		0.0002	mg/L		19-AUG-07	JGP
		Beryllium (Be)	<0.001		0.001	mg/L		19-AUG-07	JGP
		Bismuth (Bi)	<0.0001		0.0001	mg/L		19-AUG-07	JGP
		Boron (B)	<0.02		0.02	mg/L		19-AUG-07	JGP
		Cadmium (Cd)	<0.0002		0.0002	mg/L		19-AUG-07	JGP
		Chromium (Cr)	<0.0008		0.0008	mg/L		19-AUG-07	JGP
		Cobalt (Co)	<0.0002		0.0002	mg/L		19-AUG-07	JGP
		Copper (Cu)	<0.001		0.001	mg/L		19-AUG-07	JGP
		Lead (Pb)	<0.0001		0.0001	mg/L		19-AUG-07	JGP
		Molybdenum (Mo)	0.0001		0.0001	mg/L		19-AUG-07	JGP
		Nickel (Ni)	<0.0002		0.0002	mg/L		19-AUG-07	JGP
		Selenium (Se)	0.0004		0.0004	mg/L		19-AUG-07	JGP
		Silver (Ag)	<0.0004		0.0004	mg/L		19-AUG-07	JGP
		Strontium (Sr)	0.0547		0.0002	mg/L		19-AUG-07	JGP
		Thallium (Tl)	<0.0001		0.0001	mg/L		19-AUG-07	JGP
		Tin (Sn)	<0.0004		0.0004	mg/L		19-AUG-07	JGP
		Titanium (Ti)	<0.005		0.005	mg/L		19-AUG-07	JGP
		Uranium (U)	0.0002		0.0001	mg/L		19-AUG-07	JGP
		Vanadium (V)	<0.0002		0.0002	mg/L		19-AUG-07	JGP
		Zinc (Zn)	<0.004		0.004	mg/L		19-AUG-07	JGP
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0006		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00018		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00465		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.010		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	25.2		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00062		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	5.11		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0004		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00010		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.89		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	4.63		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0496		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00013		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00006		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0038		0.0008	mg/L		20-AUG-07	QLI
	Iron (Fe)		0.007		0.005	mg/L		15-AUG-07	SYF

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-3	WQ STATION 9								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	26.3		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	5.3		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	0.9		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	5		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	87			mg/L		12-AUG-07	
		Ion Balance	102			%		12-AUG-07	
		TDS (Calculated)	99			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	84		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	102		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	187		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	8.2		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	7		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.007		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.007		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	3.80		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		15-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.4		0.1	mg/L		18-AUG-07	SYF
	Total Trace Metals (Low Level)								
		Lithium (Li)-Total	<0.006		0.006	mg/L		19-AUG-07	JGP
		Ammonia-N	0.022		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0019		0.0001	mg/L		20-AUG-07	QLI
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
		Phosphorus, Total	0.006		0.001	mg/L		08-AUG-07	KMY
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	4		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	4		3	mg/L		08-AUG-07	SVG
		Turbidity	0.60		0.1	NTU		07-AUG-07	LD
L538614-4	WQ STATION 10								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0009		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-4	WQ STATION 10								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Arsenic (As)	0.00020		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00985		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.017		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	39.0		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00086		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	8.00		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0006		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00048		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00018		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.26		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	6.53		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0593		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00048		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00016		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0041	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.006		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0030		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00020		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00991		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.017		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	39.0		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00082		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	7.90		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0007		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00046		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00009		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.27		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	6.55		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0586		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00053		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00014		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.012		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-4	WQ STATION 10								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	41.3		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	8.3		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	1.2		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	7		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	137			mg/L		12-AUG-07	
		Ion Balance	106			%		12-AUG-07	
		TDS (Calculated)	152			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	116		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	142		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	277		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	8.2		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	8		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	0.07		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	16.4		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	1.0		0.1	mg/L		15-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	1.0		0.1	mg/L		15-AUG-07	SYF
		Ammonia-N	0.031		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0041		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0039		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.003		0.001	mg/L		08-AUG-07	KMY
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	6		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.60		0.1	NTU		07-AUG-07	LD
L538614-5	WQ STATION 11								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0012		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00030		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00865		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-5	WQ STATION 11								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	0.010		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	21.4		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00110		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	5.65		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0009		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00023		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00017		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.39		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	0.0004		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	13.4		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0289		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00039		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00023		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0032		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.029		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0320		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00026		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00905		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.008		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	21.7		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00008		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	5.10		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0046		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00022		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.23		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	8.18		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0258		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00056		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00030		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.065		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	22.5		0.5	mg/L		08-AUG-07	JWU

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-5	WQ STATION 11								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Magnesium (Mg)	5.0		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	1.2		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	7		1	mg/L		08-AUG-07	JWU
		Ion Balance Calculation							
		Hardness (as CaCO3)	77			mg/L		12-AUG-07	
		Ion Balance	102			%		12-AUG-07	
		TDS (Calculated)	95			mg/L		12-AUG-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	67		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	82		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	183		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	8.1		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	12		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.016		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.016		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	7.28		0.05	mg/L		07-AUG-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.5		0.1	mg/L		15-AUG-07	SYF
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.6		0.1	mg/L		17-AUG-07	SYF
		Ammonia-N	0.016		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0015		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0014		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.005		0.001	mg/L		08-AUG-07	KMY
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.40		0.1	NTU		07-AUG-07	LD
L538614-6	WQ STATION 12								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0032		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00007		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00927		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-6	WQ STATION 12								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	11.8		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00030		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0008		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	2.38		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00023		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.91		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	1.26		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0102		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00009		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00008		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0033	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0043		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00007		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00948		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	11.7		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00027		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0007		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	2.40		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00016	RRVAP	0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.91		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	1.25	RRVAP	0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0103		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00017		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00008		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-6	WQ STATION 12								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	12.3		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	2.7		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	1.0		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	2		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	42			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	44			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	42		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	51		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	87.1		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	7.9		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	<1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.017		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.017		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	1.01		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.3		0.1	mg/L		15-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.4		0.1	mg/L		15-AUG-07	SYF
		Ammonia-N	<0.005		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0007		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0007		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.001		0.001	mg/L		08-AUG-07	KMY
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	<0.1		0.1	NTU		07-AUG-07	LD
L538614-7	WQ STATION 12 DUPLICATE								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0032		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00007		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00931		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-7	WQ STATION 12 DUPLICATE								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	11.8		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00028		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0008		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	2.50		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00025	RRVAP	0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.92		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	1.32		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0103		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00009		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00007		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0032	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0054		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00007		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00937		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	11.6		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00029		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0007		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	2.52		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00011	RRVAP	0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.93	RRVAP	0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	1.31	RRVAP	0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0101		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00015		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00009		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		15-AUG-07	SYF

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-7	WQ STATION 12 DUPLICATE								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals								
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	12.3		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	2.6		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	1.1		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	2		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	41			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	46			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	42		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	51		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	87.2		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	7.9		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	2		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.018		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.018		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	0.99		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		15-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.4		0.1	mg/L		15-AUG-07	SYF
		Ammonia-N	<0.005		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0008		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0008		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.002		0.001	mg/L		08-AUG-07	KMY
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.20		0.1	NTU		07-AUG-07	LD
L538614-8	WQ STATION 13								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0033		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00010		0.00003	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-8	WQ STATION 13								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Barium (Ba)	0.0199		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.002		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	29.0		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00053		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0012		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	6.63		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00009		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00024		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.50		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	2.23		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0218		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00027		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00012		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0034		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0055		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00010		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.0201		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.002		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	28.1		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00027		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0011		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	6.39		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00009		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.49		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	2.12		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0221		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00060		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00011		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.006		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-8	WQ STATION 13								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	30.4		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	6.7		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	1.4		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	2		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	103			mg/L		12-AUG-07	
		Ion Balance	102			%		12-AUG-07	
		TDS (Calculated)	106			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	102		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	124		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	199		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	8.2		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	2		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.031		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.031		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	2.30		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.5		0.1	mg/L		15-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.5		0.1	mg/L		17-AUG-07	SYF
		Ammonia-N	0.012		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0015		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0016		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.003		0.001	mg/L		08-AUG-07	KMY
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	3		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	<0.1		0.1	NTU		07-AUG-07	LD
L538614-9	WQ STATION 15								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0008		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00017		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00669		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-9	WQ STATION 15								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
		Ultra-Low Metals - Dissolved							
		Boron (B)	0.013		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	29.1		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00089		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	7.89		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0006		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00019		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00012		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.23		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	6.69		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0550		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00025		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00017		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0034	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.009		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Ultra-Low Metals								
		Ultra-Low Metals							
		Aluminum (Al)	0.0038		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00021		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00682		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.013		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	29.4		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00072		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	8.06		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0007		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00021		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.27		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	6.71		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0547		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00028		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00015		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.025		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
		ICP metals for routine water							

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-9	WQ STATION 15								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	30.8		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	8.6		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	1.3		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	7		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	112			mg/L		12-AUG-07	
		Ion Balance	104			%		12-AUG-07	
		TDS (Calculated)	128			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	97		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	118		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	240		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	8.2		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	11		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	11.3		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.6		0.1	mg/L		15-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.6		0.1	mg/L		15-AUG-07	SYF
		Ammonia-N	0.033		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0031		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0032		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.007		0.001	mg/L		08-AUG-07	KMY
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	6		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.90		0.1	NTU		07-AUG-07	LD
L538614-10	GW STATION 9								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0030		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00005		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00704		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-10	GW STATION 9								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	17.1		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00027		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	3.74		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00016		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00010		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.80		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.895		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0132		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00201		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00006		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0020	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.006		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0067		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00007		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00709		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	17.1		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00027		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	3.74		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00017		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00009		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.83		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.889	RRVAP	0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0130		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00233		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00007		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.008		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-10	GW STATION 9								
Sampled By:	NOT PROVIDED on 30-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	18.1		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	4.1		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	0.9		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	1		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	62			mg/L		12-AUG-07	
		Ion Balance	105			%		12-AUG-07	
		TDS (Calculated)	63			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	59		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	71		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	123		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	8.1		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.016		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.016		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	2.43		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.3		0.1	mg/L		15-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.3		0.1	mg/L		15-AUG-07	SYF
		Ammonia-N	<0.005		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0009		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0009		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.001		0.001	mg/L		08-AUG-07	KMY
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.20		0.1	NTU		07-AUG-07	LD
L538614-11	GW STATION 1								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0018		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00007		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00693		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-11	GW STATION 1								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	0.002		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	25.3		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00033		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	5.65		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00021		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00012		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.91		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	1.07		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0195		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00134		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00006		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0021	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0028		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00007		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00696		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.002		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	25.4		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00034		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	5.73		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00022		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.92		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	1.09		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0193		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00185		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00006		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-11	GW STATION 1								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	26.9		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	6.0		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	1.0		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	1		1	mg/L		08-AUG-07	JWU
		Ion Balance Calculation							
		Hardness (as CaCO3)	92			mg/L		12-AUG-07	
		Ion Balance	103			%		12-AUG-07	
		TDS (Calculated)	92			mg/L		12-AUG-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	87		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	106		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	174		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	8.2		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	2		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.019		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.019		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	2.78		0.05	mg/L		07-AUG-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.3		0.1	mg/L		15-AUG-07	SYF
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.3		0.1	mg/L		15-AUG-07	SYF
		Ammonia-N	0.006		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0009		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0010		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.001		0.001	mg/L		08-AUG-07	KMY
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.15		0.1	NTU		07-AUG-07	LD
L538614-12	GW STATION 2								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0056		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00262		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-12	GW STATION 2								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	6.39		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00015		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	1.18		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00009		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00018		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.33		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	1.10		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0070		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00018		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00007		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0022	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0313		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00004		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00279		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	6.51		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00020		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	1.23		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0009		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00007		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00016		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.34	RRVAP	0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	1.01	RRVAP	0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0069		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00034		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00012		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.037		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-12	GW STATION 2								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	7.1		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	1.3		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	0.5		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	2		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	23			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	28			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	23		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	28		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	53.1		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	7.7		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	2		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.009		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.009		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	1.12		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.2		0.1	mg/L		15-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.3		0.1	mg/L		15-AUG-07	SYF
		Ammonia-N	0.013		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.003		0.001	mg/L		08-AUG-07	KMY
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	1		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.75		0.1	NTU		07-AUG-07	LD
L538614-13	GW STATION 3								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0032		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00005		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00292		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-13	GW STATION 3								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	14.0		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00025		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	2.90		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00010		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00009		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.42		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.709		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0113		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00075		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0022	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0125		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00005		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00295		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	14.1		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00023		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	2.96		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0004		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00009		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.44		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.707		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0114		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00130		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00007		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.016		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-13	GW STATION 3								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	15.0		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	3.1		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	0.5		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	<1		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	50			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	51			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	48		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	58		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	98.8		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	8.0		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	2		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.014		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.014		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	1.50		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.2		0.1	mg/L		15-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.3		0.1	mg/L		15-AUG-07	SYF
		Ammonia-N	0.010		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0005		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0005		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.002		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.30		0.1	NTU		07-AUG-07	LD
L538614-14	GW STATION 4								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0039		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00206		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-14	GW STATION 4								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	2.48		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00009		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.588		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0003		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00018		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.23		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.413		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0035		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00008		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0019		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.019		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0180		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00218		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	2.39		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00013		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.576		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0008		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00012		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.24	RRVAP	0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.395		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0033		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00018		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00006		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.020		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		09-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-14	GW STATION 4								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	2.6		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	0.5		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	0.4		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	<1		1	mg/L		08-AUG-07	JWU
		Ion Balance Calculation							
		Hardness (as CaCO3)	9			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	9			mg/L		12-AUG-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	8		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	10		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	20.8		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	7.3		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	<1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	0.53		0.05	mg/L		07-AUG-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.2		0.1	mg/L		15-AUG-07	SYF
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.2		0.1	mg/L		15-AUG-07	SYF
		Ammonia-N	0.012		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.002		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	1		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.40		0.1	NTU		07-AUG-07	LD
L538614-15	GW STATION 4 DUPLICATE								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0038		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00205		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-15	GW STATION 4 DUPLICATE								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	2.43		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00014		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.570		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0003		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00018		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.23		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.403		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0034		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00006		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0021	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0185		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00221		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	2.43		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00016		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.573		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0008		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00013		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.24	RRVAP	0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.393		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0034		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00017		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00006		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.021		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-15	GW STATION 4 DUPLICATE								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	2.6		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	0.6		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	0.4		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	<1		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	9			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	9			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	8		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	10		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	20.7		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	7.3		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	<1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	0.52		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.2		0.1	mg/L		15-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.2		0.1	mg/L		15-AUG-07	SYF
		Ammonia-N	0.013		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.002		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	1		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.95		0.1	NTU		07-AUG-07	LD
L538614-16	GW STATION 5								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0094		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00194		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-16	GW STATION 5								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	1.24		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.323		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00007		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00020		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.24		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.432		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0028		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00012		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0020	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.006		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0482		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00233		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	1.23		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.349		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0009		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00020		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.27	RRVAP	0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.433		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0028		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00018		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00011		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.049		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-16	GW STATION 5								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	1.3		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	0.2		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	0.5		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	<1		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	4			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	3			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	<5		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	5		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	12.3		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	7.0		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	<1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.008		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.008		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	0.57		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.3		0.1	mg/L		15-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.3		0.1	mg/L		15-AUG-07	SYF
		Ammonia-N	0.007		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.002		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	1		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.95		0.1	NTU		07-AUG-07	LD
L538614-17	GW STATION 5 DUPLICATE								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0090		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00194		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-17	GW STATION 5 DUPLICATE								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
		Ultra-Low Metals - Dissolved							
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	1.23		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.322		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00022		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.24		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.432		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0028		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00012		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0023	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.006		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
		Ultra-Low Metals							
		Aluminum (Al)	0.0464		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00232		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	1.21		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.340		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0009		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00021		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.26		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.423		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0028		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00017		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00011		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.052		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	0.00003		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
		ICP metals for routine water							

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-17	GW STATION 5 DUPLICATE								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	1.3		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	0.2		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	0.3		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	<1		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	4			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	2			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	<5		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	5		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	12.3		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	7.0		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	<1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.007		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.007		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	0.55		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.3		0.1	mg/L		15-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.3		0.1	mg/L		15-AUG-07	SYF
		Ammonia-N	<0.005		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.002		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	1		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	1.0		0.1	NTU		07-AUG-07	LD
L538614-18	GW STATION 6								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0029		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00350		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-18	GW STATION 6								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	6.22		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00009		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	1.04		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0003		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00013		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.36		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.576		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0072		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00006		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0019		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.008		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0108		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00004		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00362		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	6.13		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00011		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	1.04		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0005		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00008		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.37	RRVAP	0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.572		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0072		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00008		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0014		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.021		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-18	GW STATION 6								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	6.6		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	1.1		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	0.5		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	<1		1	mg/L		08-AUG-07	JWU
		Ion Balance Calculation							
		Hardness (as CaCO3)	21			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	23			mg/L		12-AUG-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	21		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	25		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	44.3		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	7.7		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	<1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.007		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.007		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	2.30		0.05	mg/L		07-AUG-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.2		0.1	mg/L		15-AUG-07	SYF
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.2		0.1	mg/L		15-AUG-07	SYF
		Ammonia-N	0.019		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0004		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0003		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.003		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.35		0.1	NTU		07-AUG-07	LD
L538614-19	GW STATION 7								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0153		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00533		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-19	GW STATION 7								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	3.27		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0012		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.686		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00033		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.41		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.598		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0052		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00014		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00007		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0022	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.017		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0803		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00006		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00614		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	3.33		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0014		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	0.00018		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.722		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0012		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00038		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.46	RRVAP	0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.605		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0055		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00020		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00019		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.097		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-19	GW STATION 7								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	3.5		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	0.7		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	0.6		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	<1		1	mg/L		08-AUG-07	JWU
		Ion Balance Calculation							
		Hardness (as CaCO3)	12			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	13			mg/L		12-AUG-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	11		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	14		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	26.8		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	7.4		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	0.63		0.05	mg/L		07-AUG-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.5		0.1	mg/L		15-AUG-07	SYF
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.6		0.1	mg/L		15-AUG-07	SYF
		Ammonia-N	0.009		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.004		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	3		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	1.5		0.1	NTU		07-AUG-07	LD
L538614-20	WQ STATION 14								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	0.0088		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00276		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-20	WQ STATION 14								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	1.30		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.303		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00026		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.27		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.574		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0034		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00006		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0020	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0297		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00296		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	1.29		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.314		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0006		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00023		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.29		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.575		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0034		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00008		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00008		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.026		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-20	WQ STATION 14								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	1.3		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	0.2		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	0.4		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	<1		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	4			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	4			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	<5		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	<5		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	13.4		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	7.0		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.019		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.019		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	0.77		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		15-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.4		0.1	mg/L		15-AUG-07	SYF
		Ammonia-N	<0.005		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.002		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.65		0.1	NTU		07-AUG-07	LD
L538614-21	WQ STATION 3								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0012		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00007		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00811		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-21	WQ STATION 3								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	10.7		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	2.31		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0003		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00009		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00014		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.78		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.959		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0095		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00034		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0021		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0240		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00008		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00831		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	10.7		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	2.30		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0018		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00007		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00019		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.78		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.940	RRVAP	0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0093		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00048		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00010		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.040		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-21	WQ STATION 3								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	11.4		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	2.4		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	0.9		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	1		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	38			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	42			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	38		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	46		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	81.4		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	7.9		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	2		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	1.39		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.2		0.1	mg/L		17-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.3		0.1	mg/L		17-AUG-07	SYF
		Ammonia-N	<0.005		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0008		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0010		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.003		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.40		0.1	NTU		07-AUG-07	LD
L538614-22	GW STATION 11								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0035		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00007		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00677		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-22	GW STATION 11								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	10.6		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00018		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0008		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	2.03		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0003		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00012		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00017		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.64		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	1.01		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0103		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00082		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0029		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.006		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0095		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00008		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00676		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	10.7		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00019		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0008		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	2.03		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0005		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00012		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00011		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.66		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	1.01		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0102		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00101		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00008		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.015		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	11.3		0.5	mg/L		08-AUG-07	JWU

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-22	GW STATION 11								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Magnesium (Mg)	2.1		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	0.7		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	1		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	37			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	41			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	34		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	41		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	78.9		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	7.9		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	2		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.017		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.017		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	2.94		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.3		0.1	mg/L		17-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.3		0.1	mg/L		17-AUG-07	SYF
		Ammonia-N	0.034		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0006		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0005		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.002		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.30		0.1	NTU		07-AUG-07	LD
L538614-23	GW STATION 11 DUPLICATE								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0037		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00007		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00677		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.002		0.001	mg/L		20-AUG-07	QLI

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-23	GW STATION 11 DUPLICATE								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	10.8		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00020		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0008		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	2.07		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0003		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00012		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00020		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.67		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	1.06		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0106		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00085		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00007		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0027		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.006		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0085		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00008		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00687		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	10.8		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00021		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0007		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	2.06		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0005		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00011		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00010		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.68	RRVAP	0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	1.02		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0103		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00104		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00008		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.015		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	11.2		0.5	mg/L		08-AUG-07	JWU

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-23	GW STATION 11 DUPLICATE								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Magnesium (Mg)	2.0		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	0.8		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	1		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	36			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	40			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	34		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	41		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	78.9		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	7.9		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	2		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.016		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.016		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	2.96		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.3		0.1	mg/L		17-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.3		0.1	mg/L		17-AUG-07	SYF
		Ammonia-N	<0.005		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0005		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0005		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.002		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.40		0.1	NTU		07-AUG-07	LD
L538614-24	GW STATION 12								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0068		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00314		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-24	GW STATION 12								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	4.57		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00010		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.769		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0003		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00021		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.37		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.917		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0057		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00010		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00007		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0026	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0133		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00314		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	4.50		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.762		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0006		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00014		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.37	RRVAP	0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.887	RRVAP	0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0056		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00013		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00008		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.013		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-24	GW STATION 12								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	4.8		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	0.7		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	0.5		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	1		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	15			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	18			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	14		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	17		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	36.3		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	7.5		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	2		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.014		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.014		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	0.96		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.3		0.1	mg/L		17-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.3		0.1	mg/L		17-AUG-07	SYF
		Ammonia-N	<0.005		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.002		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.35		0.1	NTU		07-AUG-07	LD
L538614-25	GW STATION 13								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0100		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00250		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-25	GW STATION 13								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	0.61		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.237		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00026		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.25		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.431		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0027		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0026	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0330		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00268		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	0.56		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.242		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0006		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00022		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.25	RRVAP	0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.417		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0027		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00008		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00006		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.029		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-25	GW STATION 13								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	0.6		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	0.1		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	0.3		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	<1		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	2			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	2			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	<5		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	<5		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	8.3		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	6.7		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	<1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.020		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.020		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	0.64		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		17-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.4		0.1	mg/L		17-AUG-07	SYF
		Ammonia-N	0.026		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.003		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	1		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.60		0.1	NTU		07-AUG-07	LD
L538614-26	GW STATION 14								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0094		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00259		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-26	GW STATION 14								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	0.90		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.264		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00026		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.25		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.466		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0032		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00006		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0021		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0333		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00284		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	0.86		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.270		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0007		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00025		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.27		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.467		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0030		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00008		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00007		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.032		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	0.9		0.5	mg/L		08-AUG-07	JWU

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-26	GW STATION 14								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Magnesium (Mg)	0.2		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	0.3		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	<1		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	3			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	2			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	<5		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	<5		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	10.5		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	6.8		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	<1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.016		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.016		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	0.72		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		17-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.4		0.1	mg/L		17-AUG-07	SYF
		Ammonia-N	<0.005		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.002		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	1		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.60		0.1	NTU		07-AUG-07	LD
L538614-27	GW STATION 15								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0214		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00004		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00400		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-27	GW STATION 15								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	7.60		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0015		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	1.11		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00015		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.54		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.889		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0089		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00008		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00015		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0020		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.011		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0886		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00006		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00466		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	7.68		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0016		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	0.00007		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	1.16		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0016		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00021		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.58		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.907	RRVAP	0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0090		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00015		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00028		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.093		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	8.0		0.5	mg/L		08-AUG-07	JWU

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-27	GW STATION 15								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Magnesium (Mg)	1.1		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	0.6		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	1		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	25			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	27			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	24		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	29		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	54.8		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	7.7		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	<1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.042		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.042		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	1.85		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.8		0.1	mg/L		17-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.9		0.1	mg/L		17-AUG-07	SYF
		Ammonia-N	<0.005		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.006		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.85		0.1	NTU		07-AUG-07	LD
L538614-28	GW STATION 16								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0093		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00008		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00489		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-28	GW STATION 16								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
		Ultra-Low Metals - Dissolved							
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	4.53		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00012		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0009		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.764		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00043		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.49		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.623		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0060		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00010		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00006		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0019		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.006		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
		Ultra-Low Metals							
		Aluminum (Al)	0.0317		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00008		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00516		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	4.42		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00017		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0009		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	0.758		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0005		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00038		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.50		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.607		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0060		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00012		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00011		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.033		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
		ICP metals for routine water							
		Calcium (Ca)	4.7		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	0.7		0.1	mg/L		08-AUG-07	JWU

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-28	GW STATION 16								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Potassium (K)	0.6		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	<1		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	15			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	16			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	14		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	17		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	35.3		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	7.5		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	<1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.012		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.012		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	1.56		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		17-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.4		0.1	mg/L		17-AUG-07	SYF
		Ammonia-N	0.006		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.002		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.65		0.1	NTU		07-AUG-07	LD
L538614-29	GW STATION 17								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0088		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00005		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00395		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-29	GW STATION 17								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Calcium (Ca)	6.03		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00017		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0011		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	1.03		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00015		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00021		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.49		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.716		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0071		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00015		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00006		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0037	RRVAP	0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0267		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00004		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00416		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	5.93		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00014		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0011		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	1.04		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0003		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00014		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00015		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	0.50	RRVAP	0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.714		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0071		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00019		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00008		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.024		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	6.3		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	1.0		0.1	mg/L		08-AUG-07	JWU

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-29	GW STATION 17								
Sampled By:	NOT PROVIDED on 31-JUL-07								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Potassium (K)	0.6		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	<1		1	mg/L		08-AUG-07	JWU
		Ion Balance Calculation							
		Hardness (as CaCO3)	20			mg/L		12-AUG-07	
		Ion Balance	Low EC			%		12-AUG-07	
		TDS (Calculated)	21			mg/L		12-AUG-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	17		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	21		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	46.4		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	7.6		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	<1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.022		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.022		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	2.31		0.05	mg/L		07-AUG-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		17-AUG-07	SYF
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.4		0.1	mg/L		17-AUG-07	SYF
		Ammonia-N	0.016		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.002		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.40		0.1	NTU		07-AUG-07	LD
L538614-30	WQ STATION 1								
Sampled By:	NOT PROVIDED on 01-AUG-07								
Matrix:	WATER								
		Total Metals							
		Total Major Metals							
		Calcium (Ca)	18.8		0.5	mg/L		18-AUG-07	SYF
		Iron (Fe)	0.101		0.005	mg/L		18-AUG-07	SYF
		Magnesium (Mg)	4.1		0.1	mg/L		18-AUG-07	SYF
		Manganese (Mn)	0.004		0.001	mg/L		18-AUG-07	SYF
		Potassium (K)	1.3		0.1	mg/L		18-AUG-07	SYF
		Sodium (Na)	1		1	mg/L		18-AUG-07	SYF
		Total Trace Metals (Low Level)							

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-30	WQ STATION 1								
Sampled By:	NOT PROVIDED on 01-AUG-07								
Matrix:	WATER								
	Total Metals								
	Total Trace Metals (Low Level)								
		Aluminum (Al)	0.08		0.02	mg/L		19-AUG-07	JGP
		Antimony (Sb)	<0.0004		0.0004	mg/L		19-AUG-07	JGP
		Arsenic (As)	<0.0004		0.0004	mg/L		19-AUG-07	JGP
		Barium (Ba)	0.0143		0.0002	mg/L		19-AUG-07	JGP
		Beryllium (Be)	<0.001		0.001	mg/L		19-AUG-07	JGP
		Bismuth (Bi)	<0.0001		0.0001	mg/L		19-AUG-07	JGP
		Boron (B)	<0.02		0.02	mg/L		19-AUG-07	JGP
		Cadmium (Cd)	<0.0002		0.0002	mg/L		19-AUG-07	JGP
		Chromium (Cr)	<0.0008		0.0008	mg/L		19-AUG-07	JGP
		Cobalt (Co)	<0.0002		0.0002	mg/L		19-AUG-07	JGP
		Copper (Cu)	<0.001		0.001	mg/L		19-AUG-07	JGP
		Lead (Pb)	<0.0001		0.0001	mg/L		19-AUG-07	JGP
		Molybdenum (Mo)	0.0001		0.0001	mg/L		19-AUG-07	JGP
		Nickel (Ni)	0.0003		0.0002	mg/L		19-AUG-07	JGP
		Selenium (Se)	0.0010		0.0004	mg/L		19-AUG-07	JGP
		Silver (Ag)	<0.0004		0.0004	mg/L		19-AUG-07	JGP
		Strontium (Sr)	0.0189		0.0002	mg/L		19-AUG-07	JGP
		Thallium (Tl)	<0.0001		0.0001	mg/L		19-AUG-07	JGP
		Tin (Sn)	<0.0004		0.0004	mg/L		19-AUG-07	JGP
		Titanium (Ti)	<0.005		0.005	mg/L		19-AUG-07	JGP
		Uranium (U)	0.0008		0.0001	mg/L		19-AUG-07	JGP
		Vanadium (V)	<0.0002		0.0002	mg/L		19-AUG-07	JGP
		Zinc (Zn)	<0.004		0.004	mg/L		19-AUG-07	JGP
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0016		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00020		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.0107		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.002		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	17.9		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00021		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	3.80		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0004		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00007		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.08		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	1.00		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0154		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00055		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0022		0.0008	mg/L		20-AUG-07	QLI
	Iron (Fe)		<0.005		0.005	mg/L		17-AUG-07	SYF
	Mercury (Hg)		<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-30	WQ STATION 1								
Sampled By:	NOT PROVIDED on 01-AUG-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	19.6		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	4.2		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	1.2		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	1		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	66			mg/L		12-AUG-07	
		Ion Balance	103			%		12-AUG-07	
		TDS (Calculated)	71			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	59		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	71		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	138		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	8.1		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	8.11		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		17-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.5		0.1	mg/L		18-AUG-07	SYF
	Total Trace Metals (Low Level)								
		Lithium (Li)-Total	<0.006		0.006	mg/L		19-AUG-07	JGP
		Ammonia-N	0.012		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0010		0.0001	mg/L		20-AUG-07	QLI
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
		Phosphorus, Total	0.005		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	10		3	mg/L		08-AUG-07	SVG
		Turbidity	0.60		0.1	NTU		07-AUG-07	LD
L538614-31	WQ STATION 2								
Sampled By:	NOT PROVIDED on 01-AUG-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0017		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00033		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.0135		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-31	WQ STATION 2								
Sampled By:	NOT PROVIDED on 01-AUG-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	15.1		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00020		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0008		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	3.25		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0003		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00010		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00033		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.29		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.888		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0146		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00054		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0020		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0024		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00033		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.0131		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	14.6		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00019		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0007		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	3.11		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00011		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00025		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.27		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.847	RRVAP	0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0140		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00071		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.007		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-31	WQ STATION 2								
Sampled By:	NOT PROVIDED on 01-AUG-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	15.6		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	3.3		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	1.3		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	1		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	53			mg/L		12-AUG-07	
		Ion Balance	101			%		12-AUG-07	
		TDS (Calculated)	58			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	48		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	58		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	112		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	8.0		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.008		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.008		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	6.64		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.3		0.1	mg/L		17-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.3		0.1	mg/L		17-AUG-07	SYF
		Ammonia-N	<0.005		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0010		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0010		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.002		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	5		3	mg/L		08-AUG-07	SVG
		Turbidity	0.20		0.1	NTU		07-AUG-07	LD
L538614-32	WQ STATION 2 DUPLICATE								
Sampled By:	NOT PROVIDED on 01-AUG-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0018		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00032		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.0131		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

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Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-32	WQ STATION 2 DUPLICATE								
Sampled By:	NOT PROVIDED on 01-AUG-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	14.8		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00015		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0007		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	3.12		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00011		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00029		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.26		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.868		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0142		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00060		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0022		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0024		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00035		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.0129		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	14.4		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00018		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0007		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	3.09		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00011		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00025		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.26		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.850	RRVAP	0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0138		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00068		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.007		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-32	WQ STATION 2 DUPLICATE								
Sampled By:	NOT PROVIDED on 01-AUG-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	15.5		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	3.3		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	1.4		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	1		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	52			mg/L		12-AUG-07	
		Ion Balance	103			%		12-AUG-07	
		TDS (Calculated)	57			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	48		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	58		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	112		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	8.0		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	<1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	0.009		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	0.009		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	6.64		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.3		0.1	mg/L		17-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.3		0.1	mg/L		17-AUG-07	SYF
		Ammonia-N	0.016		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0010		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0010		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.002		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	2		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.25		0.1	NTU		07-AUG-07	LD
L538614-33	WQ STATION 6								
Sampled By:	NOT PROVIDED on 01-AUG-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0017		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00019		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.0111		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-33	WQ STATION 6								
Sampled By:	NOT PROVIDED on 01-AUG-07								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	0.002		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	16.3		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00019		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0007		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	3.53		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0004		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00012		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00011		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.02		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	1.29		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0149		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00062		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00006		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.006		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	0.0039		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	0.00019		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.0111		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	0.002		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	16.2		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00013		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	3.53		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0007		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	0.00011		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00016		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	1.06		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	1.28	RRVAP	0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0148		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	0.00062		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	0.00007		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	0.011		0.005	mg/L		17-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-33	WQ STATION 6								
Sampled By:	NOT PROVIDED on 01-AUG-07								
Matrix:	WATER								
	Routine Water: Major Ions,F,Fe,Mn - Low								
	ICP metals for routine water								
		Calcium (Ca)	17.2		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	3.7		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	1.1		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	2		1	mg/L		08-AUG-07	JWU
	Ion Balance Calculation								
		Hardness (as CaCO3)	58			mg/L		12-AUG-07	
		Ion Balance	102			%		12-AUG-07	
		TDS (Calculated)	64			mg/L		12-AUG-07	
	pH, Conductivity and Total Alkalinity								
		Alkalinity, Total (as CaCO3)	54		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	66		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	124		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	8.1		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	2		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	5.53		0.05	mg/L		07-AUG-07	JTV
	Dissolved Metals								
		Silicon (Si)-Dissolved	0.4		0.1	mg/L		17-AUG-07	SYF
	Inorganic approval & RPD chain								
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
	Total Metals								
		Silicon (Si)-Total	0.4		0.1	mg/L		17-AUG-07	SYF
		Ammonia-N	0.020		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0012		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0011		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	0.002		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	3		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.20		0.1	NTU		07-AUG-07	LD
L538614-34	FIELD BLANK								
Sampled By:	NOT PROVIDED								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Aluminum (Al)	0.0008		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00012		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-34	FIELD BLANK								
Sampled By:	NOT PROVIDED								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	0.12	RRVAP	0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	<0.004		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00016		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	<0.02		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.461	RRVAP	0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	0.0002		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0031		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Ultra-Low Metals								
	Ultra-Low Metals								
		Aluminum (Al)	<0.0003		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	0.00011		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	0.09		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	<0.004		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	<0.02		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.439	RRVAP	0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
	Routine Water: Major Ions,F,Fe,Mn - Low								

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-34	FIELD BLANK								
Sampled By:	NOT PROVIDED								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	<0.5		0.5	mg/L		08-AUG-07	JWU
		Magnesium (Mg)	<0.1		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	<0.1		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	<1		1	mg/L		08-AUG-07	JWU
		Ion Balance Calculation							
		Hardness (as CaCO3)	<1			mg/L		12-AUG-07	
		Ion Balance	Low TDS			%		12-AUG-07	
		TDS (Calculated)	<1			mg/L		12-AUG-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	<5		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	<5		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	2.3		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	6.5		0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	<1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	<0.05		0.05	mg/L		07-AUG-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	0.1		0.1	mg/L		15-AUG-07	SYF
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
		Total Metals							
		Silicon (Si)-Total	0.1		0.1	mg/L		15-AUG-07	SYF
		Ammonia-N	<0.005		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	0.0001		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	<0.001		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	0.0007		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	<1		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	<3		3	mg/L		08-AUG-07	SVG
		Turbidity	0.25		0.1	NTU		07-AUG-07	LD
L538614-35	TRAVEL BLANK								
Sampled By:	NOT PROVIDED								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	<0.0003		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-35	TRAVEL BLANK								
Sampled By:	NOT PROVIDED								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	<0.02		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	<0.004		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00020		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	<0.02		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	<0.005		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0009		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
		Ultra-Low Metals							
		Ultra-Low Metals							
		Aluminum (Al)	<0.0003		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	<0.02		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	<0.004		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	<0.02		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	<0.005		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	<0.0008		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		14-AUG-07	DEO
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Calcium (Ca)	<0.5		0.5	mg/L		08-AUG-07	JWU

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-35	TRAVEL BLANK								
Sampled By:	NOT PROVIDED								
Matrix:	WATER								
		Routine Water: Major Ions,F,Fe,Mn - Low							
		ICP metals for routine water							
		Magnesium (Mg)	<0.1		0.1	mg/L		08-AUG-07	JWU
		Potassium (K)	<0.1		0.1	mg/L		08-AUG-07	JWU
		Sodium (Na)	<1		1	mg/L		08-AUG-07	JWU
		Ion Balance Calculation							
		Hardness (as CaCO3)	<1			mg/L		12-AUG-07	
		Ion Balance	Low TDS			%		12-AUG-07	
		TDS (Calculated)	<1			mg/L		12-AUG-07	
		pH, Conductivity and Total Alkalinity							
		Alkalinity, Total (as CaCO3)	<5		5	mg/L		07-AUG-07	WYA
		Bicarbonate (HCO3)	<5		5	mg/L		07-AUG-07	WYA
		Carbonate (CO3)	<5		5	mg/L		07-AUG-07	WYA
		Conductivity (EC)	0.8		0.2	uS/cm		07-AUG-07	WYA
		Hydroxide (OH)	<5		5	mg/L		07-AUG-07	WYA
		pH	5.5	RRV	0.1	pH		07-AUG-07	WYA
		Chloride (Cl)	<1		1	mg/L		08-AUG-07	RGM
		Fluoride (F)	<0.05		0.05	mg/L		07-AUG-07	WYA
		Nitrate+Nitrite-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrate-N	<0.006		0.006	mg/L		07-AUG-07	FYG
		Nitrite-N	<0.002		0.002	mg/L		07-AUG-07	FYG
		Sulphate (SO4)	<0.05		0.05	mg/L		07-AUG-07	JTV
		Dissolved Metals							
		Silicon (Si)-Dissolved	<0.1		0.1	mg/L		15-AUG-07	SYF
		Inorganic approval & RPD chain							
		Iron (Fe)-Extractable	<0.05		0.05	mg/L		08-AUG-07	JWU
		Manganese (Mn)-Extractable	<0.01		0.01	mg/L		08-AUG-07	JWU
		Total Metals							
		Silicon (Si)-Total	<0.1		0.1	mg/L		15-AUG-07	SYF
		Ammonia-N	0.009		0.005	mg/L		12-AUG-07	HZH/
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Lithium (Li)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Phosphorus, Total	<0.001		0.001	mg/L		09-AUG-07	MCH
		Tin (Sn)-Total	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Total Organic Carbon	<1		1	mg/L		07-AUG-07	PY
		Total Suspended Solids	3		3	mg/L		08-AUG-07	SVG
		Turbidity	<0.1		0.1	NTU		07-AUG-07	LD
L538614-36	FILTER BLANK								
Sampled By:	NOT PROVIDED								
Matrix:	WATER								
		Ultra-Low Metals - Dissolved							
		Ultra-Low Metals - Dissolved							
		Aluminum (Al)	<0.0003		0.0003	mg/L		20-AUG-07	QLI
		Antimony (Sb)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Arsenic (As)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Barium (Ba)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Beryllium (Be)	<0.0002		0.0002	mg/L		20-AUG-07	QLI
		Boron (B)	<0.001		0.001	mg/L		20-AUG-07	QLI

ALS LABORATORY GROUP CHEMICAL ANALYSIS REPORT

Lab ID	Sample ID	Test Description	Result	Qual.	D.L.	Units	Extracted	Analyzed	By
L538614-36	FILTER BLANK								
Sampled By:	NOT PROVIDED								
Matrix:	WATER								
	Ultra-Low Metals - Dissolved								
	Ultra-Low Metals - Dissolved								
		Cadmium (Cd)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Calcium (Ca)	0.06		0.02	mg/L		20-AUG-07	QLI
		Chromium (Cr)	0.00008		0.00006	mg/L		20-AUG-07	QLI
		Cobalt (Co)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Copper (Cu)	<0.0006		0.0006	mg/L		20-AUG-07	QLI
		Lead (Pb)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Magnesium (Mg)	<0.004		0.004	mg/L		20-AUG-07	QLI
		Manganese (Mn)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Molybdenum (Mo)	<0.00006		0.00006	mg/L		20-AUG-07	QLI
		Nickel (Ni)	0.00012		0.00006	mg/L		20-AUG-07	QLI
		Potassium (K)	<0.02		0.02	mg/L		20-AUG-07	QLI
		Selenium (Se)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Silver (Ag)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Sodium (Na)	0.035		0.005	mg/L		20-AUG-07	QLI
		Strontium (Sr)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Uranium (U)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Vanadium (V)	<0.00005		0.00005	mg/L		20-AUG-07	QLI
		Zinc (Zn)	0.0042		0.0008	mg/L		20-AUG-07	QLI
		Iron (Fe)	<0.005		0.005	mg/L		15-AUG-07	SYF
		Mercury (Hg)	<0.00002		0.00002	mg/L		16-AUG-07	DEO
	Dissolved Metals								
		Silicon (Si)-Dissolved	<0.1		0.1	mg/L		15-AUG-07	SYF
		Bismuth (Bi)	<0.00003		0.00003	mg/L		20-AUG-07	QLI
		Lithium (Li)	<0.0001		0.0001	mg/L		20-AUG-07	QLI
		Tin (Sn)-Dissolved	<0.0001		0.0001	mg/L		20-AUG-07	QLI

Reference Information

Sample Parameter Qualifier key listed:

Qualifier	Description
RRV	Reported Result Verified By Repeat Analysis
RRVAP	Reported Result Verified by Alternate Process

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Preparation Method Reference(Based On)	Analytical Method Reference(Based On)
BI-ULTRA-DIS-ED	Water	Bismuth (Bi)-Dissolved		EPA 6020
BI-ULTRA-ED	Water	Bismuth (Bi)		EPA 6020
C-TOT-ORG-ED	Water	Total Organic Carbon		APHA 5310 B
CL-ED	Water	Chloride (Cl)		APHA 4500-CL E
ETL-ROUTINE-LOW-ED	Water	ICP metals for routine water		APHA 3120 B
F-ED	Water	Fluoride (F)		APHA 4500-F C
FE-EXT-ROU-ED	Water	Iron (Fe)-Extractable		APHA 3120 B
HG-ULT-CV-ED	Water	Mercury (Hg)	APHA 3112B	APHA 3112 B
HG-ULT-DIS-CV-ED	Water	Mercury (Hg) - Dissolved	APHA 3112B	APHA 3112 B
IONBALANCE-ED	Water	Ion Balance Calculation		APHA 1030 E
LI-TOT-LOW-ED	Water	Lithium (Li)-Total	EPA3015	EPA 6020
LI-ULTRA-DIS-ED	Water	Lithium (Li)-Dissolved		EPA 6020
LI-ULTRA-ED	Water	Lithium (Li)		EPA 6020
MET1-TOT-LOW-ED	Water	Total Trace Metals (Low Level)	EPA3015	EPA 6020
MET1-ULTRA-DIS-ED	Water	Ultra-Low Metals - Dissolved		EPA 6020
MET1-ULTRA-ED	Water	Ultra-Low Metals		EPA 6020
MET2-TOT-LOW-ED	Water	Total Major Metals	EPA3015	EPA 200.7
MET2-ULTRA-DIS-ED	Water	Major Metals - Dissolved		EPA 200.7
MET2-ULTRA-ED	Water	Major Metals		EPA 200.7
MN-EXT-ROU-ED	Water	Manganese (Mn)-Extractable		APHA 3120 B
N2N3-LOW-ED	Water	Nitrate+Nitrite-N		APHA 4500-NO3 I
NH4-LOW-ED	Water	Ammonia-N		APHA 4500-NH3 F
NO2-LOW-ED	Water	Nitrite-N		APHA 4500-NO2-LOW
NO3-LOW-ED	Water	Nitrate-N		APHA 4500-NO3 I
P-TOTAL-LOW-ED	Water	Phosphorus, Total		APHA 4500-P E-LOW
PH/EC/ALK-ED	Water	pH, Conductivity and Total Alkalinity		APHA 4500H,2510,2320
SI-DIS-ED	Water	Silicon (Si)-Dissolved		EPA 200.7
SI-TOT-ED	Water	Silicon (Si)-Total	EPA3015	EPA 200.7
SN-ULTRA-DIS-ED	Water	Tin (Sn)-Dissolved		EPA 6020
SN-ULTRA-ED	Water	Tin (Sn)		EPA 6020
SO4-LOW-ED	Water	Sulfate (SO4)		APHA 4110 B-LOW
SOLIDS-TOTSUS-ED	Water	Total Suspended Solids		APHA 2540 D

Reference Information

TURBIDITY-ED	Water	Turbidity	APHA 2130 B

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.

Chain of Custody numbers:

A072173 A072174 A072175 A072252

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
ED	ALS LABORATORY GROUP - EDMONTON, ALBERTA, CANADA		

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.
UNLESS OTHERWISE STATED, SAMPLES ARE NOT CORRECTED FOR CLIENT FIELD BLANKS.
Although test results are generated under strict QA/QC protocols, any unsigned test reports, faxes, or emails are considered preliminary.

ALS Laboratory Group has an extensive QA/QC program where all analytical data reported is analyzed using approved referenced procedures followed by checks and reviews by senior managers and quality assurance personnel. However, since the results are obtained from chemical measurements and thus cannot be guaranteed, ALS Laboratory Group assumes no liability for the use or interpretation of the results.

ALS Laboratory Group Quality Control Report

Workorder: L538614 Report Date: 28-AUG-07

Client: EBA ENG CONSULTANTS LTD
#201, 4916-49 STREET PO BOX 2244
YELLOWKNIFE NT X1A 2P7

Contact: STEVE MOORE

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
BI-ULTRA-DIS-ED	**Water**							
Batch R561100								
WG641852-2 CRM		**1643E_WATER**						
Bismuth (Bi)			67	G	%		84-115	20-AUG-07
WG641852-1 MB								
Bismuth (Bi)			<0.00003		mg/L		0.00015	20-AUG-07
Batch R562656								
WG643362-2 CRM		**1643E_WATER**						
Bismuth (Bi)			69	G	%		84-115	20-AUG-07
WG643362-1 MB								
Bismuth (Bi)			<0.00003		mg/L		0.00015	20-AUG-07
BI-ULTRA-ED	**Water**							
Batch R561100								
WG641852-2 CRM		**1643E_WATER**						
Bismuth (Bi)			67	G	%		84-115	20-AUG-07
WG641852-4 DUP		**L538614-6**						
Bismuth (Bi)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	28	20-AUG-07
WG641852-5 DUP		**L538614-14**						
Bismuth (Bi)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	28	20-AUG-07
WG641852-6 DUP		**L538614-16**						
Bismuth (Bi)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	28	20-AUG-07
WG641852-1 MB								
Bismuth (Bi)			<0.00003		mg/L		0.00015	20-AUG-07
Batch R562656								
WG643362-2 CRM		**1643E_WATER**						
Bismuth (Bi)			69	G	%		84-115	20-AUG-07
WG643362-10 DUP		**L542152-2**						
Bismuth (Bi)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	28	20-AUG-07
WG643362-11 DUP		**L542880-1**						
Bismuth (Bi)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	28	20-AUG-07
WG643362-4 DUP		**L538614-22**						
Bismuth (Bi)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	28	20-AUG-07
WG643362-5 DUP		**L538614-31**						
Bismuth (Bi)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	28	20-AUG-07
WG643362-6 DUP		**L539961-3**						
Bismuth (Bi)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	28	20-AUG-07
WG643362-7 DUP		**L540501-1**						
Bismuth (Bi)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	28	20-AUG-07
WG643362-8 DUP		**L540503-3**						

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
BI-ULTRA-ED	**Water**							
Batch R562656								
WG643362-8 DUP		**L540503-3**						
Bismuth (Bi)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	28	20-AUG-07
WG643362-9 DUP		**L540509-2**						
Bismuth (Bi)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	28	20-AUG-07
WG643362-1 MB								
Bismuth (Bi)			<0.00003		mg/L		0.00015	20-AUG-07
C-TOT-ORG-ED	**Water**							
Batch R557965								
WG638414-5 DUP		**L538479-1**						
Total Organic Carbon		151	156		mg/L	2.9	10	07-AUG-07
WG638414-6 DUP		**L538614-20**						
Total Organic Carbon		2	2	J	mg/L	0	4	07-AUG-07
WG638414-1 LCS								
Total Organic Carbon			97		%		88-108	07-AUG-07
WG638414-4 LCS								
Total Organic Carbon			114		%		99-138	07-AUG-07
WG638414-2 MB								
Total Organic Carbon			<1		mg/L		1	07-AUG-07
WG638414-3 MB								
Total Organic Carbon			<1		mg/L		1	07-AUG-07
CL-ED	**Water**							
Batch R558583								
WG638795-10 DUP		**L538614-20**						
Chloride (Cl)		1	1	J	mg/L	0	4	08-AUG-07
WG638795-5 DUP		**L538614-7**						
Chloride (Cl)		2	1	J	mg/L	0	4	08-AUG-07
WG638795-7 DUP		**L538614-10**						
Chloride (Cl)		1	2	J	mg/L	0	4	08-AUG-07
WG638795-8 DUP		**L538614-19**						
Chloride (Cl)		1	1	J	mg/L	0	4	08-AUG-07
WG638795-2 LCS								
Chloride (Cl)			100		%		94-109	08-AUG-07
WG638795-3 LCS								
Chloride (Cl)			103		%		93-113	08-AUG-07
WG638795-1 MB								
Chloride (Cl)			<1		mg/L		1	08-AUG-07
WG638795-11 MS		**L538614-20**						

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
CL-ED	**Water**							
Batch R558583								
WG638795-11 MS		**L538614-20**						
Chloride (Cl)			99		%		87-117	08-AUG-07
WG638795-12 MS		**L538614-10**						
Chloride (Cl)			100		%		87-117	08-AUG-07
WG638795-6 MS		**L538614-7**						
Chloride (Cl)			101		%		87-117	08-AUG-07
ETL-ROUTINE-LOW-ED	**Water**							
Batch R558462								
WG638813-3 CRM		**ION-915_WATER**						
Calcium (Ca)			104		%		96-116	08-AUG-07
Magnesium (Mg)			102		%		96-115	08-AUG-07
Sodium (Na)			112		%		95-118	08-AUG-07
WG638813-4 DUP		**L538614-19**						
Calcium (Ca)		3.5	3.4	J	mg/L	0.0	2	08-AUG-07
Magnesium (Mg)		0.7	0.7	J	mg/L	0.0	0.4	08-AUG-07
Potassium (K)		0.6	0.6	J	mg/L	0.0	0.4	08-AUG-07
Sodium (Na)		<1	<1	RPD-NA	mg/L	N/A	10	08-AUG-07
WG638813-6 DUP		**L538614-34**						
Calcium (Ca)		<0.5	<0.5	RPD-NA	mg/L	N/A	14	08-AUG-07
Magnesium (Mg)		<0.1	<0.1	RPD-NA	mg/L	N/A	10	08-AUG-07
Potassium (K)		<0.1	<0.1	RPD-NA	mg/L	N/A	10	08-AUG-07
Sodium (Na)		<1	<1	RPD-NA	mg/L	N/A	10	08-AUG-07
WG638813-2 LCS								
Calcium (Ca)			97		%		90-110	08-AUG-07
Magnesium (Mg)			101		%		90-110	08-AUG-07
Potassium (K)			95		%		90-110	08-AUG-07
Sodium (Na)			95		%		90-110	08-AUG-07
WG638813-1 MB								
Calcium (Ca)			<0.5		mg/L		2.5	08-AUG-07
Magnesium (Mg)			<0.1		mg/L		0.5	08-AUG-07
Potassium (K)			<0.1		mg/L		0.5	08-AUG-07
Sodium (Na)			<1		mg/L		5	08-AUG-07
WG638813-5 MS		**L538614-20**						
Calcium (Ca)			103		%		88-116	08-AUG-07
Magnesium (Mg)			107		%		91-117	08-AUG-07

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
ETL-ROUTINE-LOW-ED	**Water**							
Batch R558462								
WG638813-5 MS		**L538614-20**						
Potassium (K)			97		%		83-115	08-AUG-07
Sodium (Na)			102		%		81-116	08-AUG-07
WG638813-7 MS		**L538614-35**						
Calcium (Ca)			102		%		88-116	08-AUG-07
Magnesium (Mg)			104		%		91-117	08-AUG-07
Potassium (K)			94		%		83-115	08-AUG-07
Sodium (Na)			97		%		81-116	08-AUG-07
F-ED	**Water**							
Batch R558308								
WG638613-5 DUP		**L538614-16**						
Fluoride (F)		<0.05	<0.05	RPD-NA	mg/L	N/A	8	07-AUG-07
WG638613-6 DUP		**L538618-1**						
Fluoride (F)		0.54	0.54		mg/L	0.0	8	08-AUG-07
WG638613-4 LCS								
Fluoride (F)			101		%		89-114	07-AUG-07
WG638613-1 MB								
Fluoride (F)			<0.05		mg/L		0.05	07-AUG-07
FE-EXT-ROU-ED	**Water**							
Batch R558843								
WG638397-3 DUP		**L538466-1**						
Iron (Fe)-Extractable		<0.05	<0.05	RPD-NA	mg/L	N/A	9.8	08-AUG-07
WG638397-5 DUP		**L538614-1**						
Iron (Fe)-Extractable		<0.05	<0.05	RPD-NA	mg/L	N/A	9.8	08-AUG-07
WG638397-2 LCS								
Iron (Fe)-Extractable			100		%		95-115	08-AUG-07
WG638397-1 MB								
Iron (Fe)-Extractable			<0.05		mg/L		0.25	08-AUG-07
WG638397-4 MS		**L538466-1**						
Iron (Fe)-Extractable			103		%		97-115	08-AUG-07
WG638397-6 MS		**L538614-1**						
Iron (Fe)-Extractable			103		%		97-115	08-AUG-07
HG-ULT-CV-ED	**Water**							
Batch R559261								
WG639314-11 DUP		**L538614-5**						
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	26	09-AUG-07
WG639314-5 DUP		**L536620-4**						

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
HG-ULT-CV-ED	**Water**							
Batch R559261								
WG639314-5 DUP		**L536620-4**						
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	26	09-AUG-07
WG639314-9 DUP		**L538601-2**						
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	26	09-AUG-07
WG639314-2 LCS								
Mercury (Hg)			100		%		63-138	09-AUG-07
WG639314-1 MB								
Mercury (Hg)			<0.00002		mg/L		0.00002	09-AUG-07
WG639314-10 MS		**L538601-2**						
Mercury (Hg)			91		%		63-138	09-AUG-07
WG639314-12 MS		**L538614-5**						
Mercury (Hg)			92		%		63-138	09-AUG-07
WG639314-6 MS		**L536620-4**						
Mercury (Hg)			98		%		63-138	09-AUG-07
Batch R560956								
WG641558-5 DUP		**L538614-26**						
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	26	14-AUG-07
WG641558-9 DUP		**L540501-4**						
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	26	14-AUG-07
WG641558-2 LCS								
Mercury (Hg)			111		%		63-138	14-AUG-07
WG641558-1 MB								
Mercury (Hg)			<0.00002		mg/L		0.00002	14-AUG-07
WG641558-10 MS		**L540501-4**						
Mercury (Hg)			105		%		63-138	14-AUG-07
WG641558-6 MS		**L538614-26**						
Mercury (Hg)			116		%		63-138	14-AUG-07
HG-ULT-DIS-CV-ED	**Water**							
Batch R559261								
WG639314-13 DUP		**L538614-14**						
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	26	09-AUG-07
WG639314-3 DUP		**L535720-4**						
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	26	09-AUG-07
WG639314-7 DUP		**L536620-13**						
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	26	09-AUG-07
WG639314-2 LCS								
Mercury (Hg)			100		%		63-138	09-AUG-07
WG639314-1 MB								

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
HG-ULT-DIS-CV-ED	**Water**							
Batch R559261								
WG639314-1 MB								
Mercury (Hg)			<0.00002		mg/L		0.00002	09-AUG-07
WG639314-14 MS		**L538614-14**						
Mercury (Hg)			82		%		63-138	09-AUG-07
WG639314-4 MS		**L535720-4**						
Mercury (Hg)			99		%		63-138	09-AUG-07
WG639314-8 MS		**L536620-13**						
Mercury (Hg)			92		%		63-138	09-AUG-07
Batch R560956								
WG641558-11 DUP		**L540509-4**						
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	26	14-AUG-07
WG641558-3 DUP		**L538614-17**						
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	26	14-AUG-07
WG641558-2 LCS								
Mercury (Hg)			111		%		63-138	14-AUG-07
WG641558-1 MB								
Mercury (Hg)			<0.00002		mg/L		0.00002	14-AUG-07
WG641558-12 MS		**L540509-4**						
Mercury (Hg)			110		%		63-138	14-AUG-07
WG641558-4 MS		**L538614-17**						
Mercury (Hg)			112		%		63-138	14-AUG-07
Batch R562188								
WG643001-3 DUP		**L539713-1**						
Mercury (Hg)		<0.00002	<0.00002	RPD-NA	mg/L	N/A	26	16-AUG-07
WG643001-2 LCS								
Mercury (Hg)			107		%		63-138	16-AUG-07
WG643001-1 MB								
Mercury (Hg)			<0.00002		mg/L		0.00002	16-AUG-07
WG643001-4 MS		**L539713-1**						
Mercury (Hg)			100		%		63-138	16-AUG-07
LI-TOT-LOW-ED	**Water**							
Batch R562986								
WG644599-1 MB								
Lithium (Li)-Total			<0.006		mg/L		0.03	19-AUG-07
LI-ULTRA-DIS-ED	**Water**							

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
LI-ULTRA-DIS-ED	**Water**							
Batch R561100								
WG641852-2 CRM		**1643E_WATER**						
Lithium (Li)			95		%		91-118	20-AUG-07
WG641852-1 MB								
Lithium (Li)			<0.0001		mg/L		0.0005	20-AUG-07
Batch R562656								
WG643362-2 CRM		**1643E_WATER**						
Lithium (Li)			102		%		91-118	20-AUG-07
WG643362-1 MB								
Lithium (Li)			<0.0001		mg/L		0.0005	20-AUG-07
LI-ULTRA-ED	**Water**							
Batch R561100								
WG641852-2 CRM		**1643E_WATER**						
Lithium (Li)			95		%		87-114	20-AUG-07
WG641852-4 DUP		**L538614-6**						
Lithium (Li)		0.0007	0.0009	J	mg/L	0.0001	0.0004	20-AUG-07
WG641852-5 DUP		**L538614-14**						
Lithium (Li)		0.0001	0.0001	J	mg/L	0.0000	0.0004	20-AUG-07
WG641852-6 DUP		**L538614-16**						
Lithium (Li)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	12	20-AUG-07
WG641852-1 MB								
Lithium (Li)			<0.0001		mg/L		0.0005	20-AUG-07
Batch R562656								
WG643362-2 CRM		**1643E_WATER**						
Lithium (Li)			102		%		87-114	20-AUG-07
WG643362-10 DUP		**L542152-2**						
Lithium (Li)		0.0021	0.0023		mg/L	6.7	12	20-AUG-07
WG643362-11 DUP		**L542880-1**						
Lithium (Li)		0.0037	0.0037		mg/L	2.3	12	20-AUG-07
WG643362-4 DUP		**L538614-22**						
Lithium (Li)		0.0006	0.0005	J	mg/L	0.0001	0.0004	20-AUG-07
WG643362-5 DUP		**L538614-31**						
Lithium (Li)		0.0010	0.0010	J	mg/L	0.0000	0.0004	20-AUG-07
WG643362-6 DUP		**L539961-3**						
Lithium (Li)		0.0366	0.0371		mg/L	1.4	12	20-AUG-07
WG643362-7 DUP		**L540501-1**						
Lithium (Li)		0.0025	0.0023		mg/L	7.0	12	20-AUG-07
WG643362-8 DUP		**L540503-3**						

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
LI-ULTRA-ED	**Water**							
Batch R562656								
WG643362-8 DUP		**L540503-3**						
Lithium (Li)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	12	20-AUG-07
WG643362-9 DUP		**L540509-2**						
Lithium (Li)		0.0071	0.0069		mg/L	2.5	12	20-AUG-07
WG643362-1 MB								
Lithium (Li)			<0.0001		mg/L		0.0005	20-AUG-07
MET1-TOT-LOW-ED	**Water**							
Batch R562986								
WG644599-1 MB								
Aluminum (Al)			0.03		mg/L		0.1	19-AUG-07
Antimony (Sb)			<0.0004		mg/L		0.002	19-AUG-07
Arsenic (As)			<0.0004		mg/L		0.002	19-AUG-07
Barium (Ba)			<0.0002		mg/L		0.001	19-AUG-07
Beryllium (Be)			<0.001		mg/L		0.005	19-AUG-07
Bismuth (Bi)			<0.0001		mg/L		0.0005	19-AUG-07
Boron (B)			<0.02		mg/L		0.1	19-AUG-07
Cadmium (Cd)			<0.0002		mg/L		0.001	19-AUG-07
Chromium (Cr)			<0.0008		mg/L		0.004	19-AUG-07
Cobalt (Co)			<0.0002		mg/L		0.001	19-AUG-07
Copper (Cu)			<0.001		mg/L		0.005	19-AUG-07
Lead (Pb)			<0.0001		mg/L		0.0005	19-AUG-07
Molybdenum (Mo)			<0.0001		mg/L		0.0005	19-AUG-07
Selenium (Se)			0.0012		mg/L		0.002	19-AUG-07
Silver (Ag)			<0.0004		mg/L		0.002	19-AUG-07
Strontium (Sr)			0.0005		mg/L		0.001	19-AUG-07
Thallium (Tl)			<0.0001		mg/L		0.0005	19-AUG-07
Tin (Sn)			<0.0004		mg/L		0.002	19-AUG-07
Titanium (Ti)			<0.005		mg/L		0.025	19-AUG-07
Uranium (U)			<0.0001		mg/L		0.0005	19-AUG-07
Vanadium (V)			<0.0002		mg/L		0.001	19-AUG-07
Zinc (Zn)			<0.004		mg/L		0.02	19-AUG-07
Nickel (Ni)			0.0013	B	mg/L		0.001	19-AUG-07
Phosphorus (P)			0.06	B	mg/L		0.05	19-AUG-07
MET1-ULTRA-DIS-ED	**Water**							

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-DIS-ED	**Water**							
Batch R561100								
WG641852-2 CRM		**1643E_WATER**						
Aluminum (Al)			109		%		90-122	20-AUG-07
Antimony (Sb)			106		%		86-108	20-AUG-07
Arsenic (As)			99		%		88-109	20-AUG-07
Barium (Ba)			91		%		88-109	20-AUG-07
Beryllium (Be)			89		%		77-110	20-AUG-07
Boron (B)			93		%		80-116	20-AUG-07
Cadmium (Cd)			103		%		93-112	20-AUG-07
Calcium (Ca)			92		%		82-106	20-AUG-07
Chromium (Cr)			110		%		83-118	20-AUG-07
Cobalt (Co)			109		%		90-110	20-AUG-07
Copper (Cu)			105		%		89-112	20-AUG-07
Iron (Fe)			96		%		90-110	20-AUG-07
Magnesium (Mg)			91		%		86-109	20-AUG-07
Manganese (Mn)			104		%		81-120	20-AUG-07
Molybdenum (Mo)			103		%		88-111	20-AUG-07
Nickel (Ni)			105		%		88-110	20-AUG-07
Potassium (K)			90		%		88-120	20-AUG-07
Selenium (Se)			99		%		76-112	20-AUG-07
Sodium (Na)			91		%		86-105	20-AUG-07
Strontium (Sr)			105		%		87-109	20-AUG-07
Vanadium (V)			102		%		89-112	20-AUG-07
Zinc (Zn)			107		%		84-129	20-AUG-07
Lead (Pb)			69	G	%		89-110	20-AUG-07
WG641852-1 MB								
Aluminum (Al)			<0.0003		mg/L		0.0015	20-AUG-07
Antimony (Sb)			<0.00003		mg/L		0.00015	20-AUG-07
Arsenic (As)			<0.00003		mg/L		0.00015	20-AUG-07
Barium (Ba)			<0.00005		mg/L		0.00025	20-AUG-07
Beryllium (Be)			<0.0002		mg/L		0.001	20-AUG-07
Boron (B)			<0.001		mg/L		0.005	20-AUG-07
Cadmium (Cd)			<0.00005		mg/L		0.00025	20-AUG-07
Calcium (Ca)			<0.02		mg/L		0.1	20-AUG-07
Chromium (Cr)			<0.00006		mg/L		0.0003	20-AUG-07

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-DIS-ED	**Water**							
Batch R561100								
WG641852-1 MB								
Cobalt (Co)			<0.0001		mg/L		0.0005	20-AUG-07
Copper (Cu)			<0.0006		mg/L		0.003	20-AUG-07
Iron (Fe)			<0.005		mg/L		0.025	20-AUG-07
Lead (Pb)			<0.00005		mg/L		0.00025	20-AUG-07
Magnesium (Mg)			<0.004		mg/L		0.02	20-AUG-07
Manganese (Mn)			<0.0001		mg/L		0.0005	20-AUG-07
Molybdenum (Mo)			<0.00006		mg/L		0.0003	20-AUG-07
Nickel (Ni)			<0.00006		mg/L		0.0003	20-AUG-07
Potassium (K)			<0.02		mg/L		0.1	20-AUG-07
Selenium (Se)			<0.0001		mg/L		0.0005	20-AUG-07
Silver (Ag)			<0.0001		mg/L		0.0005	20-AUG-07
Sodium (Na)			<0.005		mg/L		0.025	20-AUG-07
Strontium (Sr)			<0.0001		mg/L		0.0005	20-AUG-07
Uranium (U)			<0.00005		mg/L		0.00025	20-AUG-07
Vanadium (V)			<0.00005		mg/L		0.00025	20-AUG-07
Zinc (Zn)			<0.0008		mg/L		0.004	20-AUG-07
Batch R562656								
WG643362-2 CRM		**1643E_WATER**						
Aluminum (Al)			110		%		90-122	20-AUG-07
Arsenic (As)			98		%		88-109	20-AUG-07
Beryllium (Be)			93		%		77-110	20-AUG-07
Boron (B)			95		%		80-116	20-AUG-07
Cadmium (Cd)			101		%		93-112	20-AUG-07
Calcium (Ca)			91		%		82-106	20-AUG-07
Chromium (Cr)			109		%		83-118	20-AUG-07
Cobalt (Co)			108		%		90-110	20-AUG-07
Copper (Cu)			101		%		89-112	20-AUG-07
Magnesium (Mg)			90		%		86-109	20-AUG-07
Manganese (Mn)			100		%		81-120	20-AUG-07
Molybdenum (Mo)			99		%		88-111	20-AUG-07
Nickel (Ni)			101		%		88-110	20-AUG-07
Potassium (K)			89		%		88-120	20-AUG-07
Selenium (Se)			99		%		76-112	20-AUG-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-DIS-ED	**Water**							
Batch R562656								
WG643362-2 CRM		**1643E_WATER**						
Sodium (Na)			87		%		86-105	20-AUG-07
Strontium (Sr)			105		%		87-109	20-AUG-07
Vanadium (V)			101		%		89-112	20-AUG-07
Zinc (Zn)			103		%		84-129	20-AUG-07
Antimony (Sb)			111	G	%		86-108	20-AUG-07
Barium (Ba)			87	G	%		88-109	20-AUG-07
Lead (Pb)			69	G	%		89-110	20-AUG-07
WG643362-1 MB								
Aluminum (Al)			<0.0003		mg/L		0.0015	20-AUG-07
Antimony (Sb)			<0.00003		mg/L		0.00015	20-AUG-07
Arsenic (As)			<0.00003		mg/L		0.00015	20-AUG-07
Barium (Ba)			<0.00005		mg/L		0.00025	20-AUG-07
Beryllium (Be)			<0.0002		mg/L		0.001	20-AUG-07
Boron (B)			<0.001		mg/L		0.005	20-AUG-07
Cadmium (Cd)			<0.00005		mg/L		0.00025	20-AUG-07
Calcium (Ca)			<0.02		mg/L		0.1	20-AUG-07
Chromium (Cr)			<0.00006		mg/L		0.0003	20-AUG-07
Cobalt (Co)			<0.0001		mg/L		0.0005	20-AUG-07
Copper (Cu)			<0.0006		mg/L		0.003	20-AUG-07
Iron (Fe)			<0.005		mg/L		0.025	20-AUG-07
Lead (Pb)			<0.00005		mg/L		0.00025	20-AUG-07
Magnesium (Mg)			<0.004		mg/L		0.02	20-AUG-07
Manganese (Mn)			<0.0001		mg/L		0.0005	20-AUG-07
Molybdenum (Mo)			<0.00006		mg/L		0.0003	20-AUG-07
Nickel (Ni)			<0.00006		mg/L		0.0003	20-AUG-07
Potassium (K)			<0.02		mg/L		0.1	20-AUG-07
Selenium (Se)			<0.0001		mg/L		0.0005	20-AUG-07
Silver (Ag)			<0.0001		mg/L		0.0005	20-AUG-07
Sodium (Na)			<0.005		mg/L		0.025	20-AUG-07
Strontium (Sr)			<0.0001		mg/L		0.0005	20-AUG-07
Uranium (U)			<0.00005		mg/L		0.00025	20-AUG-07
Vanadium (V)			<0.00005		mg/L		0.00025	20-AUG-07
Zinc (Zn)			<0.0008		mg/L		0.004	20-AUG-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R561100								
WG641852-2 CRM		**1643E_WATER**						
Aluminum (Al)			109		%		90-122	20-AUG-07
Antimony (Sb)			106		%		86-108	20-AUG-07
Arsenic (As)			99		%		84-105	20-AUG-07
Barium (Ba)			91		%		88-109	20-AUG-07
Beryllium (Be)			89		%		77-110	20-AUG-07
Boron (B)			93		%		80-116	20-AUG-07
Cadmium (Cd)			103		%		87-109	20-AUG-07
Calcium (Ca)			92		%		82-106	20-AUG-07
Chromium (Cr)			110		%		84-118	20-AUG-07
Cobalt (Co)			109		%		90-110	20-AUG-07
Copper (Cu)			105		%		89-112	20-AUG-07
Iron (Fe)			96		%		90-110	20-AUG-07
Magnesium (Mg)			91		%		86-109	20-AUG-07
Manganese (Mn)			104		%		81-120	20-AUG-07
Molybdenum (Mo)			103		%		88-111	20-AUG-07
Nickel (Ni)			105		%		88-110	20-AUG-07
Potassium (K)			90		%		88-119	20-AUG-07
Selenium (Se)			99		%		76-112	20-AUG-07
Silver (Ag)			99		%		4-124	20-AUG-07
Sodium (Na)			91		%		86-105	20-AUG-07
Strontium (Sr)			105		%		87-109	20-AUG-07
Vanadium (V)			102		%		87-109	20-AUG-07
Zinc (Zn)			107		%		65-133	20-AUG-07
Lead (Pb)			69	G	%		89-110	20-AUG-07
WG641852-3 DUP		**L538601-1**						
Aluminum (Al)		0.0050	0.0049		mg/L	1.4	15	20-AUG-07
Antimony (Sb)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	10	20-AUG-07
Arsenic (As)		0.00020	0.00021	J	mg/L	0.00001	0.00012	20-AUG-07
Barium (Ba)		0.00238	0.00236		mg/L	0.67	10	20-AUG-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	20-AUG-07
Boron (B)		0.001	0.001	J	mg/L	0.000	0.004	20-AUG-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	20-AUG-07
Calcium (Ca)		0.95	0.95		mg/L	0.062	9.8	20-AUG-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R561100								
WG641852-3 DUP		**L538601-1**						
Chromium (Cr)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	18	20-AUG-07
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	12	20-AUG-07
Copper (Cu)		0.0006	0.0006	J	mg/L	0.0000	0.0024	20-AUG-07
Iron (Fe)		0.006	0.007	J	mg/L	0.001	0.02	20-AUG-07
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	12	20-AUG-07
Magnesium (Mg)		0.657	0.635		mg/L	3.5	9.8	20-AUG-07
Manganese (Mn)		0.0018	0.0018		mg/L	1.8	10	20-AUG-07
Molybdenum (Mo)		0.00011	0.00010	J	mg/L	0.00001	0.00024	20-AUG-07
Nickel (Ni)		0.00088	0.00085		mg/L	3.0	10	20-AUG-07
Potassium (K)		0.55	0.54		mg/L	1.7	9.8	20-AUG-07
Selenium (Se)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	21	20-AUG-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	20-AUG-07
Sodium (Na)		0.712	0.692		mg/L	2.9	9.8	20-AUG-07
Strontium (Sr)		0.0084	0.0083		mg/L	1.8	9.5	20-AUG-07
Uranium (U)		0.00007	0.00007	J	mg/L	0.00000	0.0002	20-AUG-07
Vanadium (V)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	24	20-AUG-07
Zinc (Zn)		<0.0008	<0.0008	RPD-NA	mg/L	N/A	29	20-AUG-07
WG641852-4 DUP		**L538614-6**						
Aluminum (Al)		0.0043	0.0045		mg/L	5.6	15	20-AUG-07
Antimony (Sb)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	10	20-AUG-07
Arsenic (As)		0.00007	0.00007	J	mg/L	0.00000	0.00012	20-AUG-07
Barium (Ba)		0.00948	0.00948		mg/L	0.085	10	20-AUG-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	20-AUG-07
Boron (B)		0.001	0.001	J	mg/L	0.000	0.004	20-AUG-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	20-AUG-07
Calcium (Ca)		11.7	11.7		mg/L	0.28	9.8	20-AUG-07
Chromium (Cr)		0.00027	0.00026	J	mg/L	0.00001	0.00024	20-AUG-07
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	12	20-AUG-07
Copper (Cu)		0.0007	0.0007	J	mg/L	0.0000	0.0024	20-AUG-07
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	10	20-AUG-07
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	12	20-AUG-07
Magnesium (Mg)		2.40	2.49		mg/L	3.6	9.8	20-AUG-07
Manganese (Mn)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	10	20-AUG-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R561100								
WG641852-4 DUP		**L538614-6**						
Molybdenum (Mo)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	10	20-AUG-07
Nickel (Ni)		0.00016	0.00014	J	mg/L	0.00001	0.00024	20-AUG-07
Potassium (K)		0.91	0.93		mg/L	1.3	9.8	20-AUG-07
Selenium (Se)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	21	20-AUG-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	20-AUG-07
Sodium (Na)		1.25	1.30		mg/L	3.9	9.8	20-AUG-07
Strontium (Sr)		0.0103	0.0103		mg/L	0.12	9.5	20-AUG-07
Uranium (U)		0.00017	0.00020	J	mg/L	0.00003	0.0002	20-AUG-07
Vanadium (V)		0.00008	0.00008	J	mg/L	0.00000	0.0002	20-AUG-07
Zinc (Zn)		<0.0008	<0.0008	RPD-NA	mg/L	N/A	29	20-AUG-07
WG641852-5 DUP		**L538614-14**						
Aluminum (Al)		0.0180	0.0176		mg/L	2.5	15	20-AUG-07
Antimony (Sb)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	10	20-AUG-07
Arsenic (As)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	11	20-AUG-07
Barium (Ba)		0.00218	0.00217		mg/L	0.49	10	20-AUG-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	20-AUG-07
Boron (B)		<0.001	<0.001	RPD-NA	mg/L	N/A	10	20-AUG-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	20-AUG-07
Calcium (Ca)		2.39	2.42		mg/L	1.4	9.8	20-AUG-07
Chromium (Cr)		0.00013	0.00015	J	mg/L	0.00002	0.00024	20-AUG-07
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	12	20-AUG-07
Copper (Cu)		<0.0006	<0.0006	RPD-NA	mg/L	N/A	17	20-AUG-07
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	10	20-AUG-07
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	12	20-AUG-07
Magnesium (Mg)		0.576	0.586		mg/L	1.8	9.8	20-AUG-07
Manganese (Mn)		0.0008	0.0008	J	mg/L	0.0000	0.0004	20-AUG-07
Molybdenum (Mo)		<0.00006	0.00006	RPD-NA	mg/L	N/A	10	20-AUG-07
Nickel (Ni)		0.00012	0.00013	J	mg/L	0.00001	0.00024	20-AUG-07
Potassium (K)		0.24	0.25		mg/L	2.8	9.8	20-AUG-07
Selenium (Se)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	21	20-AUG-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	20-AUG-07
Sodium (Na)		0.395	0.400		mg/L	1.3	9.8	20-AUG-07
Strontium (Sr)		0.0033	0.0034		mg/L	1.6	9.5	20-AUG-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R561100								
WG641852-5 DUP		**L538614-14**						
Uranium (U)		0.00018	0.00016	J	mg/L	0.00002	0.0002	20-AUG-07
Vanadium (V)		0.00006	0.00006	J	mg/L	0.00000	0.0002	20-AUG-07
Zinc (Zn)		<0.0008	<0.0008	RPD-NA	mg/L	N/A	29	20-AUG-07
WG641852-6 DUP		**L538614-16**						
Aluminum (Al)		0.0482	0.0482		mg/L	0.0089	15	20-AUG-07
Antimony (Sb)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	10	20-AUG-07
Arsenic (As)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	11	20-AUG-07
Barium (Ba)		0.00233	0.00232		mg/L	0.28	10	20-AUG-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	20-AUG-07
Boron (B)		<0.001	<0.001	RPD-NA	mg/L	N/A	10	20-AUG-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	20-AUG-07
Calcium (Ca)		1.23	1.21		mg/L	1.5	9.8	20-AUG-07
Chromium (Cr)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	18	20-AUG-07
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	12	20-AUG-07
Copper (Cu)		0.0006	<0.0006	RPD-NA	mg/L	N/A	17	20-AUG-07
Iron (Fe)		0.028	0.023	J	mg/L	0.005	0.02	20-AUG-07
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	12	20-AUG-07
Magnesium (Mg)		0.349	0.344		mg/L	1.7	9.8	20-AUG-07
Manganese (Mn)		0.0009	0.0009	J	mg/L	0.0000	0.0004	20-AUG-07
Molybdenum (Mo)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	10	20-AUG-07
Nickel (Ni)		0.00020	0.00019	J	mg/L	0.00001	0.00024	20-AUG-07
Potassium (K)		0.27	0.26		mg/L	3.2	9.8	20-AUG-07
Selenium (Se)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	21	20-AUG-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	20-AUG-07
Sodium (Na)		0.433	0.425		mg/L	1.9	9.8	20-AUG-07
Strontium (Sr)		0.0028	0.0028		mg/L	1.3	9.5	20-AUG-07
Uranium (U)		0.00018	0.00017	J	mg/L	0.00001	0.0002	20-AUG-07
Vanadium (V)		0.00011	0.00011	J	mg/L	0.00000	0.0002	20-AUG-07
Zinc (Zn)		<0.0008	<0.0008	RPD-NA	mg/L	N/A	29	20-AUG-07
WG641852-1 MB								
Aluminum (Al)			<0.0003		mg/L		0.0015	20-AUG-07
Antimony (Sb)			<0.00003		mg/L		0.00015	20-AUG-07
Arsenic (As)			<0.00003		mg/L		0.00015	20-AUG-07

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R561100								
WG641852-1 MB								
Barium (Ba)			<0.00005		mg/L		0.00025	20-AUG-07
Beryllium (Be)			<0.0002		mg/L		0.001	20-AUG-07
Boron (B)			<0.001		mg/L		0.005	20-AUG-07
Cadmium (Cd)			<0.00005		mg/L		0.00025	20-AUG-07
Calcium (Ca)			<0.02		mg/L		0.1	20-AUG-07
Chromium (Cr)			<0.00006		mg/L		0.0003	20-AUG-07
Cobalt (Co)			<0.0001		mg/L		0.0005	20-AUG-07
Copper (Cu)			<0.0006		mg/L		0.003	20-AUG-07
Iron (Fe)			<0.005		mg/L		0.025	20-AUG-07
Lead (Pb)			<0.00005		mg/L		0.00025	20-AUG-07
Magnesium (Mg)			<0.004		mg/L		0.02	20-AUG-07
Manganese (Mn)			<0.0001		mg/L		0.0005	20-AUG-07
Molybdenum (Mo)			<0.00006		mg/L		0.0003	20-AUG-07
Nickel (Ni)			<0.00006		mg/L		0.0003	20-AUG-07
Potassium (K)			<0.02		mg/L		0.1	20-AUG-07
Selenium (Se)			<0.0001		mg/L		0.0005	20-AUG-07
Silver (Ag)			<0.0001		mg/L		0.0005	20-AUG-07
Sodium (Na)			<0.005		mg/L		0.025	20-AUG-07
Strontium (Sr)			<0.0001		mg/L		0.0005	20-AUG-07
Uranium (U)			<0.00005		mg/L		0.00025	20-AUG-07
Vanadium (V)			<0.00005		mg/L		0.00025	20-AUG-07
Zinc (Zn)			<0.0008		mg/L		0.004	20-AUG-07
Batch R562656								
WG643362-2 CRM		**1643E_WATER**						
Aluminum (Al)			110		%		90-122	20-AUG-07
Arsenic (As)			98		%		84-105	20-AUG-07
Beryllium (Be)			93		%		77-110	20-AUG-07
Boron (B)			95		%		80-116	20-AUG-07
Cadmium (Cd)			101		%		87-109	20-AUG-07
Calcium (Ca)			91		%		82-106	20-AUG-07
Chromium (Cr)			109		%		84-118	20-AUG-07
Cobalt (Co)			108		%		90-110	20-AUG-07
Copper (Cu)			101		%		89-112	20-AUG-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R562656								
WG643362-2 CRM		**1643E_WATER**						
Magnesium (Mg)			90		%		86-109	20-AUG-07
Manganese (Mn)			100		%		81-120	20-AUG-07
Molybdenum (Mo)			99		%		88-111	20-AUG-07
Nickel (Ni)			101		%		88-110	20-AUG-07
Potassium (K)			89		%		88-119	20-AUG-07
Selenium (Se)			99		%		76-112	20-AUG-07
Sodium (Na)			87		%		86-105	20-AUG-07
Strontium (Sr)			105		%		87-109	20-AUG-07
Vanadium (V)			101		%		87-109	20-AUG-07
Zinc (Zn)			103		%		65-133	20-AUG-07
Antimony (Sb)			111	G	%		86-108	20-AUG-07
Barium (Ba)			87	G	%		88-109	20-AUG-07
Lead (Pb)			69	G	%		89-110	20-AUG-07
Silver (Ag)			179	G	%		4-124	20-AUG-07
WG643362-10 DUP		**L542152-2**						
Aluminum (Al)		0.0796	0.0829		mg/L	4.0	15	20-AUG-07
Antimony (Sb)		0.00030	0.00031	J	mg/L	0.00001	0.00012	20-AUG-07
Arsenic (As)		0.00016	0.00015	J	mg/L	0.00001	0.00012	20-AUG-07
Barium (Ba)		0.0233	0.0227		mg/L	3.0	10	20-AUG-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	20-AUG-07
Boron (B)		0.022	0.022		mg/L	0.32	10	20-AUG-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	20-AUG-07
Chromium (Cr)		0.00134	0.00118		mg/L	13	18	20-AUG-07
Cobalt (Co)		0.0009	0.0009	J	mg/L	0.0000	0.0004	20-AUG-07
Copper (Cu)		0.0058	0.0058	J	mg/L	0.0000	0.0024	20-AUG-07
Iron (Fe)		0.052	0.054		mg/L	4.2	10	20-AUG-07
Lead (Pb)		0.00007	0.00007	J	mg/L	0.00000	0.0002	20-AUG-07
Manganese (Mn)		0.0149	0.0149		mg/L	0.11	10	20-AUG-07
Molybdenum (Mo)		0.0123	0.0120		mg/L	2.0	10	20-AUG-07
Nickel (Ni)		0.00776	0.00768		mg/L	1.1	10	20-AUG-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	20-AUG-07
Strontium (Sr)		0.135	0.135		mg/L	0.42	9.5	20-AUG-07
Uranium (U)		0.00043	0.00042	J	mg/L	0.00001	0.0002	20-AUG-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R562656								
WG643362-10 DUP		**L542152-2**						
Vanadium (V)		<0.00005	0.00010	RPD-NA	mg/L	N/A	24	20-AUG-07
Zinc (Zn)		0.0056	0.0054	J	mg/L	0.0002	0.0032	20-AUG-07
WG643362-11 DUP		**L542880-1**						
Aluminum (Al)		0.0071	0.0071		mg/L	0.72	15	20-AUG-07
Antimony (Sb)		0.00004	0.00004	J	mg/L	0.00000	0.00012	20-AUG-07
Arsenic (As)		0.00020	0.00022	J	mg/L	0.00002	0.00012	20-AUG-07
Barium (Ba)		0.00831	0.00838		mg/L	0.84	10	20-AUG-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	20-AUG-07
Boron (B)		0.009	0.009	J	mg/L	0.000	0.004	20-AUG-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	20-AUG-07
Chromium (Cr)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	18	20-AUG-07
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	12	20-AUG-07
Copper (Cu)		<0.0006	<0.0006	RPD-NA	mg/L	N/A	17	20-AUG-07
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	10	20-AUG-07
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	12	20-AUG-07
Manganese (Mn)		0.0053	0.0053		mg/L	0.34	10	20-AUG-07
Molybdenum (Mo)		0.00022	0.00020	J	mg/L	0.00002	0.00024	20-AUG-07
Nickel (Ni)		0.00027	0.00029	J	mg/L	0.00002	0.00024	20-AUG-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	20-AUG-07
Strontium (Sr)		0.183	0.186		mg/L	1.2	9.5	20-AUG-07
Uranium (U)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	10	20-AUG-07
Vanadium (V)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	24	20-AUG-07
Zinc (Zn)		<0.0008	<0.0008	RPD-NA	mg/L	N/A	29	20-AUG-07
WG643362-3 DUP		**L539713-1**						
Aluminum (Al)		0.0051	0.0051		mg/L	1.7	15	20-AUG-07
Antimony (Sb)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	10	20-AUG-07
Arsenic (As)		0.00019	0.00021	J	mg/L	0.00002	0.00012	20-AUG-07
Barium (Ba)		0.00240	0.00239		mg/L	0.25	10	20-AUG-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	20-AUG-07
Boron (B)		0.001	0.001	J	mg/L	0.000	0.004	20-AUG-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	20-AUG-07
Calcium (Ca)		0.95	0.96		mg/L	0.59	9.8	20-AUG-07
Chromium (Cr)		<0.00006	0.00008	RPD-NA	mg/L	N/A	18	20-AUG-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R562656								
WG643362-3 DUP		**L539713-1**						
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	12	20-AUG-07
Copper (Cu)		0.0006	0.0006	J	mg/L	0.0000	0.0024	20-AUG-07
Iron (Fe)		0.007	0.007	J	mg/L	0.000	0.02	20-AUG-07
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	12	20-AUG-07
Magnesium (Mg)		0.617	0.615		mg/L	0.29	9.8	20-AUG-07
Manganese (Mn)		0.0018	0.0018		mg/L	0.97	10	20-AUG-07
Molybdenum (Mo)		0.00011	0.00013	J	mg/L	0.00001	0.00024	20-AUG-07
Nickel (Ni)		0.00085	0.00084		mg/L	1.3	10	20-AUG-07
Potassium (K)		0.53	0.54		mg/L	1.2	9.8	20-AUG-07
Selenium (Se)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	21	20-AUG-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	20-AUG-07
Sodium (Na)		0.691	0.697		mg/L	0.96	9.8	20-AUG-07
Strontium (Sr)		0.0084	0.0084		mg/L	0.52	9.5	20-AUG-07
Uranium (U)		0.00007	0.00007	J	mg/L	0.00000	0.0002	20-AUG-07
Vanadium (V)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	24	20-AUG-07
Zinc (Zn)		<0.0008	<0.0008	RPD-NA	mg/L	N/A	29	20-AUG-07
WG643362-4 DUP		**L538614-22**						
Aluminum (Al)		0.0095	0.0092		mg/L	3.8	15	20-AUG-07
Antimony (Sb)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	10	20-AUG-07
Arsenic (As)		0.00008	0.00008	J	mg/L	0.00001	0.00012	20-AUG-07
Barium (Ba)		0.00676	0.00681		mg/L	0.73	10	20-AUG-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	20-AUG-07
Boron (B)		0.001	0.001	J	mg/L	0.000	0.004	20-AUG-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	20-AUG-07
Calcium (Ca)		10.7	10.6		mg/L	0.52	9.8	20-AUG-07
Chromium (Cr)		0.00019	0.00020	J	mg/L	0.00001	0.00024	20-AUG-07
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	12	20-AUG-07
Copper (Cu)		0.0008	0.0007	J	mg/L	0.0000	0.0024	20-AUG-07
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	10	20-AUG-07
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	12	20-AUG-07
Magnesium (Mg)		2.03	2.05		mg/L	1.3	9.8	20-AUG-07
Manganese (Mn)		0.0005	0.0005	J	mg/L	0.0000	0.0004	20-AUG-07
Molybdenum (Mo)		0.00012	0.00011	J	mg/L	0.00001	0.00024	20-AUG-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R562656								
WG643362-4 DUP		**L538614-22**						
Nickel (Ni)		0.00011	0.00010	J	mg/L	0.00001	0.00024	20-AUG-07
Potassium (K)		0.66	0.67		mg/L	0.84	9.8	20-AUG-07
Selenium (Se)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	21	20-AUG-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	20-AUG-07
Sodium (Na)		1.01	1.01		mg/L	0.52	9.8	20-AUG-07
Strontium (Sr)		0.0102	0.0103		mg/L	0.29	9.5	20-AUG-07
Uranium (U)		0.00101	0.00104		mg/L	2.5	10	20-AUG-07
Vanadium (V)		0.00008	0.00007	J	mg/L	0.00000	0.0002	20-AUG-07
Zinc (Zn)		<0.0008	<0.0008	RPD-NA	mg/L	N/A	29	20-AUG-07
WG643362-5 DUP		**L538614-31**						
Aluminum (Al)		0.0024	0.0027	J	mg/L	0.0003	0.0012	20-AUG-07
Antimony (Sb)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	10	20-AUG-07
Arsenic (As)		0.00033	0.00034		mg/L	3.8	11	20-AUG-07
Barium (Ba)		0.0131	0.0134		mg/L	2.1	10	20-AUG-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	20-AUG-07
Boron (B)		0.001	0.001	J	mg/L	0.000	0.004	20-AUG-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	20-AUG-07
Calcium (Ca)		14.6	14.9		mg/L	2.1	9.8	20-AUG-07
Chromium (Cr)		0.00019	0.00018	J	mg/L	0.00001	0.00024	20-AUG-07
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	12	20-AUG-07
Copper (Cu)		0.0007	0.0007	J	mg/L	0.0000	0.0024	20-AUG-07
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	10	20-AUG-07
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	12	20-AUG-07
Magnesium (Mg)		3.11	3.13		mg/L	0.68	9.8	20-AUG-07
Manganese (Mn)		0.0002	0.0002	J	mg/L	0.0000	0.0004	20-AUG-07
Molybdenum (Mo)		0.00011	0.00010	J	mg/L	0.00001	0.00024	20-AUG-07
Nickel (Ni)		0.00025	0.00021	J	mg/L	0.00004	0.00024	20-AUG-07
Potassium (K)		1.27	1.30		mg/L	2.1	9.8	20-AUG-07
Selenium (Se)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	21	20-AUG-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	20-AUG-07
Sodium (Na)		0.847	0.868		mg/L	2.4	9.8	20-AUG-07
Strontium (Sr)		0.0140	0.0142		mg/L	1.5	9.5	20-AUG-07
Uranium (U)		0.00071	0.00072		mg/L	0.96	10	20-AUG-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R562656								
WG643362-5 DUP		**L538614-31**						
Vanadium (V)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	24	20-AUG-07
Zinc (Zn)		<0.0008	<0.0008	RPD-NA	mg/L	N/A	29	20-AUG-07
WG643362-6 DUP		**L539961-3**						
Aluminum (Al)		0.0460	0.0444		mg/L	3.6	15	20-AUG-07
Antimony (Sb)		0.00019	0.00020	J	mg/L	0.00000	0.00012	20-AUG-07
Arsenic (As)		0.00207	0.00210		mg/L	1.7	11	20-AUG-07
Barium (Ba)		0.0314	0.0308		mg/L	2.2	10	20-AUG-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	20-AUG-07
Boron (B)		0.111	0.116		mg/L	4.3	10	20-AUG-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	20-AUG-07
Chromium (Cr)		0.00068	0.00083	G	mg/L	20	18	20-AUG-07
Cobalt (Co)		0.0001	0.0001	J	mg/L	0.0000	0.0004	20-AUG-07
Copper (Cu)		<0.0006	<0.0006	RPD-NA	mg/L	N/A	17	20-AUG-07
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	10	20-AUG-07
Lead (Pb)		0.00007	0.00007	J	mg/L	0.00000	0.0002	20-AUG-07
Manganese (Mn)		0.0131	0.0127		mg/L	3.4	10	20-AUG-07
Molybdenum (Mo)		0.00340	0.00323		mg/L	4.9	10	20-AUG-07
Nickel (Ni)		0.00484	0.00493		mg/L	1.7	10	20-AUG-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	20-AUG-07
Strontium (Sr)		2.47	2.43		mg/L	1.8	9.5	20-AUG-07
Uranium (U)		0.00083	0.00081		mg/L	2.2	10	20-AUG-07
Vanadium (V)		0.00032	0.00031	J	mg/L	0.00002	0.0002	20-AUG-07
Zinc (Zn)		<0.0008	<0.0008	RPD-NA	mg/L	N/A	29	20-AUG-07
WG643362-7 DUP		**L540501-1**						
Aluminum (Al)		0.0695	0.0697		mg/L	0.41	15	20-AUG-07
Antimony (Sb)		0.00030	0.00029	J	mg/L	0.00001	0.00012	20-AUG-07
Arsenic (As)		0.00015	0.00016	J	mg/L	0.00000	0.00012	20-AUG-07
Barium (Ba)		0.0245	0.0240		mg/L	1.9	10	20-AUG-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	20-AUG-07
Boron (B)		0.024	0.024		mg/L	0.75	10	20-AUG-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	20-AUG-07
Chromium (Cr)		0.00010	0.00018	J	mg/L	0.00009	0.00024	20-AUG-07
Cobalt (Co)		0.0008	0.0008	J	mg/L	0.0000	0.0004	20-AUG-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R562656								
WG643362-7 DUP		**L540501-1**						
Copper (Cu)		0.0060	0.0060	J	mg/L	0.0000	0.0024	20-AUG-07
Iron (Fe)		0.044	0.045	J	mg/L	0.001	0.02	20-AUG-07
Lead (Pb)		0.00007	0.00007	J	mg/L	0.00000	0.0002	20-AUG-07
Manganese (Mn)		0.0157	0.0158		mg/L	0.36	10	20-AUG-07
Molybdenum (Mo)		0.0113	0.0115		mg/L	2.2	10	20-AUG-07
Nickel (Ni)		0.00772	0.00772		mg/L	0.013	10	20-AUG-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	20-AUG-07
Strontium (Sr)		0.133	0.134		mg/L	1.0	9.5	20-AUG-07
Uranium (U)		0.00038	0.00038	J	mg/L	0.00000	0.0002	20-AUG-07
Vanadium (V)		0.00035	0.00038	J	mg/L	0.00002	0.0002	20-AUG-07
Zinc (Zn)		0.0068	0.0069	J	mg/L	0.0001	0.0032	20-AUG-07
WG643362-8 DUP		**L540503-3**						
Aluminum (Al)		0.0012	0.0010	J	mg/L	0.0002	0.0012	20-AUG-07
Antimony (Sb)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	10	20-AUG-07
Arsenic (As)		<0.00003	<0.00003	RPD-NA	mg/L	N/A	11	20-AUG-07
Barium (Ba)		0.00009	0.00009	J	mg/L	0.00001	0.0002	20-AUG-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	20-AUG-07
Boron (B)		<0.001	<0.001	RPD-NA	mg/L	N/A	10	20-AUG-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	20-AUG-07
Chromium (Cr)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	18	20-AUG-07
Cobalt (Co)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	12	20-AUG-07
Copper (Cu)		<0.0006	<0.0006	RPD-NA	mg/L	N/A	17	20-AUG-07
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	10	20-AUG-07
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	12	20-AUG-07
Manganese (Mn)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	10	20-AUG-07
Molybdenum (Mo)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	10	20-AUG-07
Nickel (Ni)		<0.00006	<0.00006	RPD-NA	mg/L	N/A	10	20-AUG-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	20-AUG-07
Strontium (Sr)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	9.5	20-AUG-07
Uranium (U)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	10	20-AUG-07
Vanadium (V)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	24	20-AUG-07
Zinc (Zn)		<0.0008	<0.0008	RPD-NA	mg/L	N/A	29	20-AUG-07
WG643362-9 DUP		**L540509-2**						

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R562656								
WG643362-9 DUP		**L540509-2**						
Aluminum (Al)		0.0910	0.0895		mg/L	1.7	15	20-AUG-07
Antimony (Sb)		0.00123	0.00122		mg/L	0.41	10	20-AUG-07
Arsenic (As)		0.00061	0.00060		mg/L	1.4	11	20-AUG-07
Barium (Ba)		0.0203	0.0205		mg/L	0.85	10	20-AUG-07
Beryllium (Be)		<0.0002	<0.0002	RPD-NA	mg/L	N/A	26	20-AUG-07
Boron (B)		0.029	0.030		mg/L	1.8	10	20-AUG-07
Cadmium (Cd)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	31	20-AUG-07
Chromium (Cr)		0.00219	0.00218		mg/L	0.12	18	20-AUG-07
Cobalt (Co)		0.0001	0.0001	J	mg/L	0.0000	0.0004	20-AUG-07
Copper (Cu)		0.0021	0.0020	J	mg/L	0.0000	0.0024	20-AUG-07
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	10	20-AUG-07
Lead (Pb)		<0.00005	<0.00005	RPD-NA	mg/L	N/A	12	20-AUG-07
Manganese (Mn)		0.0039	0.0039		mg/L	1.7	10	20-AUG-07
Molybdenum (Mo)		0.0116	0.0113		mg/L	2.2	10	20-AUG-07
Nickel (Ni)		0.00008	0.00010	J	mg/L	0.00002	0.00024	20-AUG-07
Silver (Ag)		<0.0001	<0.0001	RPD-NA	mg/L	N/A	33	20-AUG-07
Strontium (Sr)		0.250	0.247		mg/L	1.2	9.5	20-AUG-07
Uranium (U)		0.00206	0.00206		mg/L	0.16	10	20-AUG-07
Vanadium (V)		0.00235	0.00241		mg/L	2.4	24	20-AUG-07
Zinc (Zn)		0.0010	0.0011	J	mg/L	0.0001	0.0032	20-AUG-07
WG643362-1 MB								
Aluminum (Al)			<0.0003		mg/L		0.0015	20-AUG-07
Antimony (Sb)			<0.00003		mg/L		0.00015	20-AUG-07
Arsenic (As)			<0.00003		mg/L		0.00015	20-AUG-07
Barium (Ba)			<0.00005		mg/L		0.00025	20-AUG-07
Beryllium (Be)			<0.0002		mg/L		0.001	20-AUG-07
Boron (B)			<0.001		mg/L		0.005	20-AUG-07
Cadmium (Cd)			<0.00005		mg/L		0.00025	20-AUG-07
Calcium (Ca)			<0.02		mg/L		0.1	20-AUG-07
Chromium (Cr)			<0.00006		mg/L		0.0003	20-AUG-07
Cobalt (Co)			<0.0001		mg/L		0.0005	20-AUG-07
Copper (Cu)			<0.0006		mg/L		0.003	20-AUG-07
Iron (Fe)			<0.005		mg/L		0.025	20-AUG-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET1-ULTRA-ED	**Water**							
Batch R562656								
WG643362-1 MB								
Lead (Pb)			<0.00005		mg/L		0.00025	20-AUG-07
Magnesium (Mg)			<0.004		mg/L		0.02	20-AUG-07
Manganese (Mn)			<0.0001		mg/L		0.0005	20-AUG-07
Molybdenum (Mo)			<0.00006		mg/L		0.0003	20-AUG-07
Nickel (Ni)			<0.00006		mg/L		0.0003	20-AUG-07
Potassium (K)			<0.02		mg/L		0.1	20-AUG-07
Selenium (Se)			<0.0001		mg/L		0.0005	20-AUG-07
Silver (Ag)			<0.0001		mg/L		0.0005	20-AUG-07
Sodium (Na)			<0.005		mg/L		0.025	20-AUG-07
Strontium (Sr)			<0.0001		mg/L		0.0005	20-AUG-07
Uranium (U)			<0.00005		mg/L		0.00025	20-AUG-07
Vanadium (V)			<0.00005		mg/L		0.00025	20-AUG-07
Zinc (Zn)			<0.0008		mg/L		0.004	20-AUG-07
MET2-TOT-LOW-ED	**Water**							
Batch R562989								
WG644599-2 DUP		**L541547-7**						
Calcium (Ca)		31.2	30.9		mg/L	1.1	11	18-AUG-07
Iron (Fe)		1.94	1.96		mg/L	0.94	16	18-AUG-07
Magnesium (Mg)		13.0	12.6		mg/L	3.4	10	18-AUG-07
Manganese (Mn)		0.072	0.070		mg/L	2.6	10	18-AUG-07
Potassium (K)		1.7	1.7		mg/L	0.65	10	18-AUG-07
Sodium (Na)		9	9	J	mg/L	0	4	18-AUG-07
WG644599-1 MB								
Calcium (Ca)			<0.5		mg/L		2.5	18-AUG-07
Iron (Fe)			<0.005		mg/L		0.025	18-AUG-07
Magnesium (Mg)			<0.1		mg/L		0.5	18-AUG-07
Manganese (Mn)			<0.001		mg/L		0.005	18-AUG-07
Potassium (K)			0.2		mg/L		0.5	18-AUG-07
Sodium (Na)			<1		mg/L		5	18-AUG-07
WG644599-3 MS		**L541547-8**						
Calcium (Ca)			81		%		38-131	18-AUG-07
Iron (Fe)			94		%		78-117	18-AUG-07
Magnesium (Mg)			83		%		62-122	18-AUG-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET2-TOT-LOW-ED	**Water**							
Batch R562989								
WG644599-3 MS		**L541547-8**						
Manganese (Mn)			94		%		79-112	18-AUG-07
Potassium (K)			93		%		81-119	18-AUG-07
Sodium (Na)			87		%		64-127	18-AUG-07
MET2-ULTRA-DIS-ED	**Water**							
Batch R561537								
WG642535-10 DUP		**L538614-17**						
Iron (Fe)		0.006	0.006	J	mg/L	0.000	0.02	15-AUG-07
WG642535-12 DUP		**L538614-20**						
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	9.8	15-AUG-07
WG642535-2 DUP		**L538614-36**						
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	9.8	15-AUG-07
WG642535-4 DUP		**L538601-5**						
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	9.8	15-AUG-07
WG642535-8 DUP		**L538614-12**						
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	9.8	15-AUG-07
WG642535-1 MB								
Iron (Fe)			<0.005		mg/L		0.025	15-AUG-07
WG642535-11 MS		**L538614-17**						
Iron (Fe)			100		%		88-111	15-AUG-07
WG642535-13 MS		**L538614-20**						
Iron (Fe)			100		%		88-111	15-AUG-07
WG642535-3 MS		**L538614-36**						
Iron (Fe)			102		%		88-111	15-AUG-07
WG642535-5 MS		**L538601-5**						
Iron (Fe)			101		%		88-111	15-AUG-07
WG642535-9 MS		**L538614-12**						
Iron (Fe)			100		%		88-111	15-AUG-07
Batch R562739								
WG643831-14 DUP		**L542152-4**						
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	9.8	17-AUG-07
WG643831-16 DUP		**L542880-5**						
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	9.8	17-AUG-07
WG643831-2 DUP		**L538614-23**						
Iron (Fe)		0.006	0.006	J	mg/L	0.000	0.02	17-AUG-07
WG643831-4 DUP		**L538614-28**						
Iron (Fe)		0.006	0.008	J	mg/L	0.002	0.02	17-AUG-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MET2-ULTRA-DIS-ED	**Water**							
Batch R562739								
WG643831-1 MB								
Iron (Fe)			<0.005		mg/L		0.025	17-AUG-07
WG643831-15 MS		**L542152-4**						
Iron (Fe)			96		%		88-111	17-AUG-07
WG643831-17 MS		**L542880-5**						
Iron (Fe)			95		%		88-111	17-AUG-07
WG643831-3 MS		**L538614-23**						
Iron (Fe)			97		%		88-111	17-AUG-07
WG643831-5 MS		**L538614-28**						
Iron (Fe)			97		%		88-111	17-AUG-07
MET2-ULTRA-ED	**Water**							
Batch R561537								
WG642535-6 DUP		**L538614-7**						
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	16	15-AUG-07
WG642535-1 MB								
Iron (Fe)			<0.005		mg/L		0.025	15-AUG-07
WG642535-7 MS		**L538614-7**						
Iron (Fe)			100		%		78-117	15-AUG-07
Batch R562739								
WG643831-10 DUP		**L540503-4**						
Iron (Fe)		<0.005	<0.005	RPD-NA	mg/L	N/A	16	17-AUG-07
WG643831-12 DUP		**L540519-2**						
Iron (Fe)		1.14	1.16		mg/L	1.6	16	17-AUG-07
WG643831-6 DUP		**L539713-1**						
Iron (Fe)		0.006	0.005	J	mg/L	0.000	0.02	17-AUG-07
WG643831-8 DUP		**L540501-1**						
Iron (Fe)		0.065	0.066		mg/L	2.1	16	17-AUG-07
WG643831-1 MB								
Iron (Fe)			<0.005		mg/L		0.025	17-AUG-07
WG643831-11 MS		**L540503-4**						
Iron (Fe)			95		%		78-117	17-AUG-07
WG643831-13 MS		**L540519-2**						
Iron (Fe)			94		%		78-117	17-AUG-07
WG643831-7 MS		**L539713-1**						
Iron (Fe)			97		%		78-117	17-AUG-07
WG643831-9 MS		**L540501-1**						
Iron (Fe)			95		%		78-117	17-AUG-07

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
MN-EXT-ROU-ED	**Water**							
Batch R558843								
WG638397-3 DUP		**L538466-1**						
Manganese (Mn)-Extractable		<0.01	<0.01	RPD-NA	mg/L	N/A	10	08-AUG-07
WG638397-5 DUP		**L538614-1**						
Manganese (Mn)-Extractable		<0.01	<0.01	RPD-NA	mg/L	N/A	10	08-AUG-07
WG638397-2 LCS								
Manganese (Mn)-Extractable			102		%		97-115	08-AUG-07
WG638397-1 MB								
Manganese (Mn)-Extractable			<0.01		mg/L		0.05	08-AUG-07
WG638397-4 MS		**L538466-1**						
Manganese (Mn)-Extractable			102		%		82-112	08-AUG-07
WG638397-6 MS		**L538614-1**						
Manganese (Mn)-Extractable			99		%		82-112	08-AUG-07
N2N3-LOW-ED	**Water**							
Batch R558235								
WG638681-6 DUP		**L538614-30**						
Nitrate+Nitrite-N		<0.006	<0.006	RPD-NA	mg/L	N/A	10	07-AUG-07
WG638681-7 DUP		**L538614-21**						
Nitrate+Nitrite-N		<0.006	<0.006	RPD-NA	mg/L	N/A	10	07-AUG-07
WG638681-2 LCS								
Nitrate+Nitrite-N			97		%		89-108	07-AUG-07
WG638681-1 MB								
Nitrate+Nitrite-N			<0.006		mg/L		0.006	07-AUG-07
WG638681-4 MS		**L538614-35**						
Nitrate+Nitrite-N			104		%		73-121	07-AUG-07
WG638681-5 MS		**L538614-34**						
Nitrate+Nitrite-N			105		%		73-121	07-AUG-07
NH4-LOW-ED	**Water**							
Batch R560220								
WG641010-10 DUP		**L540071-11**						
Ammonia-N		0.011	0.010	J	mg/L	0.001	0.02	12-AUG-07
WG641010-4 DUP		**L494566-30**						
Ammonia-N		<0.005	<0.005	RPD-NA	mg/L	N/A	10	12-AUG-07
WG641010-6 DUP		**L538614-20**						
Ammonia-N		<0.005	<0.005	RPD-NA	mg/L	N/A	10	12-AUG-07
WG641010-8 DUP		**L538614-35**						
Ammonia-N		0.009	0.010	J	mg/L	0.001	0.02	12-AUG-07
WG641010-2 LCS								

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
NH4-LOW-ED	**Water**							
Batch R560220								
WG641010-2 LCS								
Ammonia-N			114		%		81-118	12-AUG-07
WG641010-3 LCS								
Ammonia-N			110		%		88-111	12-AUG-07
WG641010-1 MB								
Ammonia-N			<0.005		mg/L		0.005	12-AUG-07
WG641010-5 MS		**L538614-10**						
Ammonia-N			110		%		75-122	12-AUG-07
WG641010-7 MS		**L538614-30**						
Ammonia-N			89		%		75-122	12-AUG-07
WG641010-9 MS		**L539707-8**						
Ammonia-N			99		%		75-122	12-AUG-07
NO2-LOW-ED	**Water**							
Batch R558235								
WG638681-6 DUP		**L538614-30**						
Nitrite-N		<0.002	<0.002	RPD-NA	mg/L	N/A	9.1	07-AUG-07
WG638681-7 DUP		**L538614-21**						
Nitrite-N		<0.002	<0.002	RPD-NA	mg/L	N/A	9.1	07-AUG-07
WG638681-2 LCS								
Nitrite-N			98		%		90-108	07-AUG-07
WG638681-1 MB								
Nitrite-N			<0.002		mg/L		0.002	07-AUG-07
WG638681-4 MS		**L538614-35**						
Nitrite-N			104		%		78-122	07-AUG-07
WG638681-5 MS		**L538614-34**						
Nitrite-N			109		%		78-122	07-AUG-07
P-TOTAL-LOW-ED	**Water**							
Batch R558901								
WG638499-10 DUP		**L538614-12**						
Phosphorus, Total		0.003	0.003	J	mg/L	0.000	0.004	09-AUG-07
WG638499-4 DUP		**L537784-1**						
Phosphorus, Total		0.040	0.040		mg/L	0.25	9.7	08-AUG-07
WG638499-5 DUP		**L538144-1**						
Phosphorus, Total		0.091	0.092		mg/L	0.44	9.7	08-AUG-07
WG638499-6 DUP		**L538614-1**						
Phosphorus, Total		0.004	0.004	J	mg/L	0.000	0.004	08-AUG-07
WG638499-3 LCS								

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Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
P-TOTAL-LOW-ED	**Water**							
Batch R558901								
WG638499-3 LCS								
Phosphorus, Total			102		%		80-116	08-AUG-07
WG638499-2 MB								
Phosphorus, Total			<0.001		mg/L		0.001	08-AUG-07
WG638499-7 MS		**L538614-11**						
Phosphorus, Total			100		%		79-118	09-AUG-07
WG638499-8 MS		**L537426-1**						
Phosphorus, Total			106		%		79-118	08-AUG-07
WG638499-9 MS		**L538413-7**						
Phosphorus, Total			105		%		79-118	08-AUG-07
Batch R559295								
WG639322-4 DUP		**L538469-1**						
Phosphorus, Total		0.052	0.052		mg/L	0.19	9.7	09-AUG-07
WG639322-5 DUP		**L538614-30**						
Phosphorus, Total		0.005	0.005	J	mg/L	0.000	0.004	09-AUG-07
WG639322-6 DUP		**L538756-3**						
Phosphorus, Total		0.020	0.020		mg/L	1.5	9.7	09-AUG-07
WG639322-3 LCS								
Phosphorus, Total			102		%		80-116	09-AUG-07
WG639322-2 MB								
Phosphorus, Total			<0.001		mg/L		0.001	09-AUG-07
WG639322-7 MS		**L538614-35**						
Phosphorus, Total			96		%		79-118	09-AUG-07
WG639322-8 MS		**L538433-7**						
Phosphorus, Total			105		%		79-118	09-AUG-07
WG639322-9 MS		**L538601-4**						
Phosphorus, Total			107		%		79-118	09-AUG-07
PH/EC/ALK-ED	**Water**							
Batch R558308								
WG638613-5 DUP		**L538614-16**						
Alkalinity, Total (as CaCO3)		<5	<5	RPD-NA	mg/L	N/A	6.5	07-AUG-07
Bicarbonate (HCO3)		5	6	J	mg/L	0	20	07-AUG-07
Carbonate (CO3)		<5	<5	RPD-NA	mg/L	N/A	26	07-AUG-07
Conductivity (EC)		12.3	12.3	J	uS/cm	0.0	10	07-AUG-07
Hydroxide (OH)		<5	<5	RPD-NA	mg/L	N/A	26	07-AUG-07
pH		7.0	7.0	J	pH	0.0	0.2	07-AUG-07
WG638613-6 DUP		**L538618-1**						

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
PH/EC/ALK-ED	**Water**							
Batch R558308								
WG638613-6 DUP		**L538618-1**						
Alkalinity, Total (as CaCO3)		101	102		mg/L	0.93	6.5	08-AUG-07
Bicarbonate (HCO3)		123	124		mg/L	0.93	26	08-AUG-07
Carbonate (CO3)		<5	<5	RPD-NA	mg/L	N/A	26	08-AUG-07
Conductivity (EC)		1720	1710		uS/cm	0.41	7.1	08-AUG-07
Hydroxide (OH)		<5	<5	RPD-NA	mg/L	N/A	26	08-AUG-07
pH		7.9	7.9	J	pH	0.0	0.2	08-AUG-07
WG638613-2 LCS								
Conductivity (EC)			100		%		94-106	07-AUG-07
WG638613-3 LCS								
pH			7.0		pH		6.9-7.1	07-AUG-07
WG638613-4 LCS								
Alkalinity, Total (as CaCO3)			99		%		90-110	07-AUG-07
WG638613-1 MB								
Alkalinity, Total (as CaCO3)			<5		mg/L		5	07-AUG-07
Bicarbonate (HCO3)			<5		mg/L		5	07-AUG-07
Carbonate (CO3)			<5		mg/L		5	07-AUG-07
Hydroxide (OH)			<5		mg/L		5	07-AUG-07
SI-DIS-ED	**Water**							
Batch R561537								
WG642535-10 DUP		**L538614-17**						
Silicon (Si)-Dissolved		0.3	0.3	J	mg/L	0.0	0.4	15-AUG-07
WG642535-12 DUP		**L538614-20**						
Silicon (Si)-Dissolved		0.4	0.4	J	mg/L	0.0	0.4	15-AUG-07
WG642535-2 DUP		**L538614-36**						
Silicon (Si)-Dissolved		<0.1	<0.1	RPD-NA	mg/L	N/A	26	15-AUG-07
WG642535-8 DUP		**L538614-12**						
Silicon (Si)-Dissolved		0.2	0.2	J	mg/L	0.0	0.4	15-AUG-07
WG642535-1 MB								
Silicon (Si)-Dissolved			<0.1		mg/L		0.1	15-AUG-07
WG642535-11 MS		**L538614-17**						
Silicon (Si)-Dissolved			99		%		63-138	15-AUG-07
WG642535-13 MS		**L538614-20**						
Silicon (Si)-Dissolved			101		%		63-138	15-AUG-07
WG642535-3 MS		**L538614-36**						
Silicon (Si)-Dissolved			102		%		63-138	15-AUG-07
WG642535-9 MS		**L538614-12**						

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
SI-DIS-ED	**Water**							
Batch R561537								
WG642535-9 MS		**L538614-12**						
Silicon (Si)-Dissolved			100		%		63-138	15-AUG-07
Batch R562739								
WG643831-2 DUP		**L538614-23**						
Silicon (Si)-Dissolved		0.3	0.3	J	mg/L	0.0	0.4	17-AUG-07
WG643831-4 DUP		**L538614-28**						
Silicon (Si)-Dissolved		0.4	0.4	J	mg/L	0.0	0.4	17-AUG-07
WG643831-1 MB								
Silicon (Si)-Dissolved			<0.1		mg/L		0.1	17-AUG-07
WG643831-3 MS		**L538614-23**						
Silicon (Si)-Dissolved			100		%		63-138	17-AUG-07
WG643831-5 MS		**L538614-28**						
Silicon (Si)-Dissolved			101		%		63-138	17-AUG-07
SI-TOT-ED	**Water**							
Batch R561537								
WG642535-6 DUP		**L538614-7**						
Silicon (Si)-Total		0.4	0.3	J	mg/L	0.0	0.4	15-AUG-07
WG642535-1 MB								
Silicon (Si)-Total			<0.1		mg/L		0.1	15-AUG-07
WG642535-7 MS		**L538614-7**						
Silicon (Si)-Total			100		%		63-138	15-AUG-07
Batch R562739								
WG643831-1 MB								
Silicon (Si)-Total			<0.1		mg/L		0.1	17-AUG-07
Batch R562989								
WG644599-1 MB								
Silicon (Si)-Total			<0.1		mg/L		0.1	18-AUG-07
SN-ULTRA-DIS-ED	**Water**							
Batch R561100								
WG641852-1 MB								
Tin (Sn)-Dissolved			<0.0001		mg/L		0.0005	20-AUG-07

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
SN-ULTRA-DIS-ED	**Water**							
Batch R562656								
WG643362-1 MB								
Tin (Sn)-Dissolved			<0.0001		mg/L		0.0005	20-AUG-07
SN-ULTRA-ED	**Water**							
Batch R561100								
WG641852-4 DUP		**L538614-6**						
Tin (Sn)-Total		<0.0001	<0.0001	RPD-NA	mg/L	N/A	25	20-AUG-07
WG641852-5 DUP		**L538614-14**						
Tin (Sn)-Total		<0.0001	<0.0001	RPD-NA	mg/L	N/A	25	20-AUG-07
WG641852-6 DUP		**L538614-16**						
Tin (Sn)-Total		<0.0001	<0.0001	RPD-NA	mg/L	N/A	25	20-AUG-07
WG641852-1 MB								
Tin (Sn)-Total			<0.0001		mg/L		0.0005	20-AUG-07
Batch R562656								
WG643362-4 DUP		**L538614-22**						
Tin (Sn)-Total		<0.0001	<0.0001	RPD-NA	mg/L	N/A	25	20-AUG-07
WG643362-5 DUP		**L538614-31**						
Tin (Sn)-Total		<0.0001	<0.0001	RPD-NA	mg/L	N/A	25	20-AUG-07
WG643362-1 MB								
Tin (Sn)-Total			<0.0001		mg/L		0.0005	20-AUG-07
SO4-LOW-ED	**Water**							
Batch R556391								
WG636570-11 DUP		**L536612-10**						
Sulphate (SO4)		79.1	78.9		mg/L	0.25	11	03-AUG-07
WG636570-13 DUP		**L538614-1**						
Sulphate (SO4)		7.01	7.08		mg/L	0.89	11	07-AUG-07
WG636570-15 DUP		**L538614-35**						
Sulphate (SO4)		<0.05	<0.05	RPD-NA	mg/L	N/A	11	07-AUG-07
WG636570-27 DUP		**L540514-5**						
Sulphate (SO4)		9.93	9.92		mg/L	0.10	11	10-AUG-07
WG636570-7 DUP		**L535687-12**						
Sulphate (SO4)		138	140		mg/L	1.2	11	03-AUG-07
WG636570-9 DUP		**L536620-13**						
Sulphate (SO4)		2.06	2.09		mg/L	1.4	11	03-AUG-07
WG636570-2 LCS								
Sulphate (SO4)			105		%		88-110	03-AUG-07
WG636570-1 MB								

ALS Laboratory Group Quality Control Report

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
SO4-LOW-ED	**Water**							
Batch R556391								
WG636570-1 MB								
Sulphate (SO4)			<0.05		mg/L		0.05	03-AUG-07
WG636570-10 MS		**L536620-13**						
Sulphate (SO4)			102		%		75-117	03-AUG-07
WG636570-12 MS		**L536612-10**						
Sulphate (SO4)			91		%		75-117	03-AUG-07
WG636570-14 MS		**L538614-1**						
Sulphate (SO4)			88		%		75-117	07-AUG-07
WG636570-16 MS		**L538614-35**						
Sulphate (SO4)			101		%		75-117	07-AUG-07
WG636570-28 MS		**L540514-5**						
Sulphate (SO4)			89		%		75-117	10-AUG-07
WG636570-8 MS		**L535687-12**						
Sulphate (SO4)			95		%		75-117	03-AUG-07
SOLIDS-TOTSUS-ED	**Water**							
Batch R558520								
WG638739-3 DUP		**L538614-22**						
Total Suspended Solids		<3	<3	RPD-NA	mg/L	N/A	16	08-AUG-07
WG638739-4 DUP		**L538624-2**						
Total Suspended Solids		4720	5200		mg/L	9.6	16	08-AUG-07
WG638739-2 LCS								
Total Suspended Solids			94		%		82-111	08-AUG-07
WG638739-1 MB								
Total Suspended Solids			<3		mg/L		3	08-AUG-07
TURBIDITY-ED	**Water**							
Batch R558219								
WG638670-1 DUP		**L538614-35**						
Turbidity		<0.1	<0.1	RPD-NA	NTU	N/A	8.8	07-AUG-07
WG638670-2 MB								
Turbidity			<0.1		NTU		0.1	07-AUG-07

ALS Laboratory Group Quality Control Report

Legend:

Limit	99% Confidence Interval (Laboratory Control Limits)
DUP	Duplicate
RPD	Relative Percent Difference
N/A	Not Available
LCS	Laboratory Control Sample
SRM	Standard Reference Material
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ADE	Average Desorption Efficiency
MB	Method Blank
IRM	Internal Reference Material
CRM	Certified Reference Material
CCV	Continuing Calibration Verification
CVS	Calibration Verification Standard
LCSD	Laboratory Control Sample Duplicate

Qualifier:

RPD-NA	Relative Percent Difference Not Available due to result(s) being less than detection limit.
A	Method blank exceeds acceptance limit. Blank correction not applied, unless the qualifier "RAMB" (result adjusted for method blank) appears in the Analytical Report.
B	Method blank result exceeds acceptance limit, however, it is less than 5% of sample concentration. Blank correction not applied.
E	Matrix spike recovery may fall outside the acceptance limits due to high sample background.
F	Silver recovery low, likely due to elevated chloride levels in sample.
G	Outlier - No assignable cause for nonconformity has been determined.
J	Duplicate results and limit(s) are expressed in terms of absolute difference.
K	The sample referenced above is of a non-standard matrix type; standard QC acceptance criteria may not be achievable.
L	Low matrix spike recovery due to instability of spiked analyte in the sample matrix.

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COC # A072173

REPORT TO:	REPORT FORMAT / DISTRIBUTION	SERVICE REQUESTED
COMPANY: EBA Engineering Consultants	STANDARD ✓ OTHER ____	✓ REGULAR SERVICE (DEFAULT)
CONTACT: Steve Moore	PDF ✓ EXCEL ✓ CUSTOM ____ FAX ____	RUSH SERVICE (2-3 DAYS)
ADDRESS: #201, 4916-49 Street	EMAIL 1: smoore@eba.ca	PRIORITY SERVICE (1 DAY or ASAP)
Yellowknife, NT	EMAIL 2: klanglois@eba.ca	EMERGENCY SERVICE (<1 DAY / WEEKEND) - CONTACT ALS
PHONE: (867) 920-2287 FAX: (867) 873-3324		ANALYSIS REQUEST
INVOICE TO: SAME AS REPORT ? (YES) / NO	INDICATE BOTTLES: FILTERED / PRESERVED (F/P) → →	
COMPANY:	CLIENT / PROJECT INFORMATION:	
CONTACT:	JOB #: 1740183.007	
ADDRESS:	PO /AFE:	
	Legal Site Description:	
PHONE: FAX:	QUOTE #: Q15179	
Lab Work Order # (lab use only): L538614		SAMPLER (Initials):

Sample #	SAMPLE IDENTIFICATION (This description will appear on the report)	DATE	TIME	SAMPLE TYPE	Routine	Nutrients	TOC	Ultra Low Level Total Metals	Ultra Low Level Dissolved Metals	HAZARDOUS ?	HIGHLY CONTAMINATED ?	NUMBER OF CONTAINERS
	WQ Station 5	July 30/07		Water	✓	✓	✓	✓	✓			
	WQ Station 7	"		"	✓	✓	✓	✓	✓			
	WQ Station 9	"		"	✓	✓	✓	✓	✓			
	WQ Station 10	"		"	✓	✓	✓	✓	✓			
	WQ Station 11	"		"	✓	✓	✓	✓	✓			
	WQ Station 12	"		"	✓	✓	✓	✓	✓			
	WQ Station 12 Duplicate	"		"	✓	✓	✓	✓	✓			
	WQ Station 13	"		"	✓	✓	✓	✓	✓			
	WQ Station 15	"		"	✓	✓	✓	✓	✓			
	GW Station 9	"		"	✓	✓	✓	✓	✓			

GUIDELINES / REGULATIONS	SPECIAL INSTRUCTIONS / HAZARDOUS DETAILS

Failure to complete all portions of this form may delay analysis. Please fill in this form *LEGIBLY*.

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RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:	SAMPLE CONDITION (lab use only)	
Kala Langlois	Aug 4/07			TEMPERATURE: 9.8	SAMPLES RECEIVED IN GOOD CONDITION ? (YES) / NO (If no provide details)
RELINQUISHED BY:	DATE & TIME:	RECEIVED BY: RS @ 11:06	DATE & TIME: 7-Aug-07		

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COC # A072174

REPORT TO:	REPORT FORMAT / DISTRIBUTION	SERVICE REQUESTED
COMPANY: EBA Engineering Consultants	STANDARD ✓ OTHER ____	✓ REGULAR SERVICE (DEFAULT)
CONTACT: Steve Moore	PDF ✓ EXCEL ✓ CUSTOM ____ FAX ____	RUSH SERVICE (2-3 DAYS)
ADDRESS: #201, 4916-49 St-	EMAIL 1: Smoore@eba.ca	PRIORITY SERVICE (1 DAY or ASAP)
Yellowknife NT X1A 2P7	EMAIL 2: Klanglois@eba.ca	EMERGENCY SERVICE (<1 DAY / WEEKEND) - CONTACT ALS
PHONE: (867) 920-2287 FAX: (867) 873-3324		ANALYSIS REQUEST
INVOICE TO: SAME AS REPORT ? (YES) / NO	INDICATE BOTTLES: FILTERED / PRESERVED (F/P) → → →	
COMPANY:	CLIENT / PROJECT INFORMATION:	
CONTACT:	JOB #: 1740183.007	
ADDRESS:	PO /AFE:	
	Legal Site Description:	
PHONE: FAX:	QUOTE #: QS179	
Lab Work Order # (lab use only)	SAMPLER (Initials):	

Sample #	SAMPLE IDENTIFICATION (This description will appear on the report)	DATE	TIME	SAMPLE TYPE	Routine	Nutrients	TOC	Ultra Low Level Total Metals	Ultra Low Level Dissolved Metals	HAZARDOUS ?	HIGHLY CONTAMINATED ?	NUMBER OF CONTAINERS
	GW Station 1	July 31/07		Water	✓	✓	✓	✓	✓			
	GW Station 2	"		"	✓	✓	✓	✓	✓			
	GW Station 3	"		"	✓	✓	✓	✓	✓			
	GW Station 4	"		"	✓	✓	✓	✓	✓			
	GW Station 4 Dup	"		"	✓	✓	✓	✓	✓			
	GW Station 5	"		"	✓	✓	✓	✓	✓			
	GW Station 6	"		"	✓	✓	✓	✓	✓			
	GW Station 7	"		"	✓	✓	✓	✓	✓			
	WQ Station 14	"		"	✓	✓	✓	✓	✓			
	WQ Station 3	"		"	✓	✓	✓	✓	✓			

GUIDELINES / REGULATIONS	SPECIAL INSTRUCTIONS / HAZARDOUS DETAILS

Failure to complete all portions of this form may delay analysis. Please fill in this form *LEGIBLY*.

By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the reverse page of the white report copy.

RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:	SAMPLE CONDITION (lab use only)	
Kayla Langlois	Aug 4/07			TEMPERATURE	SAMPLES RECEIVED IN GOOD CONDITION ? YES / NO (If no provide details)
RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:		

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COC # A072252

REPORT TO:	REPORT FORMAT / DISTRIBUTION	SERVICE REQUESTED
COMPANY: EBA Engineering Consultants	STANDARD ✓ OTHER	✓ REGULAR SERVICE (DEFAULT)
CONTACT: Steve Moore	PDF ✓ EXCEL ✓ CUSTOM FAX	RUSH SERVICE (2-3 DAYS)
ADDRESS: #201, 4916-49 St	EMAIL 1: Smoore@eba.ca	PRIORITY SERVICE (1 DAY or ASAP)
Yellowknife NT X1A 2P7	EMAIL 2: Klanglois@eba.ca	EMERGENCY SERVICE (<1 DAY / WEEKEND) - CONTACT ALS
PHONE: (867) 920-2257 FAX: 873-3324		ANALYSIS REQUEST
INVOICE TO: SAME AS REPORT ? (YES) / NO	INDICATE BOTTLES: FILTERED / PRESERVED (F/P) → → →	
COMPANY:	CLIENT / PROJECT INFORMATION:	
CONTACT:	JOB #: 1760183.007	
ADDRESS:	PO /AFE:	
	Legal Site Description:	
PHONE: FAX:	QUOTE #: Q15179	
Lab Work Order # (lab use only)	SAMPLER (initials):	

Sample #	SAMPLE IDENTIFICATION (This description will appear on the report)	DATE	TIME	SAMPLE TYPE	Routine	Nutrients	TOC	Ultra Low level Total Metals	Ultra Low level Dissolved Metals	HAZARDOUS ?	HIGHLY CONTAMINATED ?	NUMBER OF CONTAINERS
	GW Station 11	July 31/07		Water	✓	✓	✓	✓	✓			
	GW Station 11 Duplicate	"		"	✓	✓	✓	✓	✓			
	GW Station 12	"		"	✓	✓	✓	✓	✓			
	GW Station 13	"		"	✓	✓	✓	✓	✓			
	GW Station 14	"		"	✓	✓	✓	✓	✓			
	GW Station 15	"		"	✓	✓	✓	✓	✓			
	GW Station 16	"		"	✓	✓	✓	✓	✓			
	GW Station 17	"		"	✓	✓	✓	✓	✓			

GUIDELINES / REGULATIONS

SPECIAL INSTRUCTIONS / HAZARDOUS DETAILS

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RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:
Karla Langlois	Aug 4/07		
RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:

SAMPLE CONDITION (lab use only)

TEMPERATURE	SAMPLES RECEIVED IN GOOD CONDITION ? YES / NO (if no provide details)

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COC # A072175

REPORT TO:	REPORT FORMAT / DISTRIBUTION	SERVICE REQUESTED
COMPANY: EBA Engineering Consultants	STANDARD ✓ OTHER ____	✓ REGULAR SERVICE (DEFAULT)
CONTACT: Steve Moore	PDF ✓ EXCEL ✓ CUSTOM ____ FAX ____	RUSH SERVICE (2-3 DAYS)
ADDRESS: #201, 4916-49 St	EMAIL 1: smoore@eba.ca	PRIORITY SERVICE (1 DAY or ASAP)
Yellowknife NT X1A 2P7	EMAIL 2: klangloise@eba.ca	EMERGENCY SERVICE (<1 DAY / WEEKEND) - CONTACT ALS
PHONE: (867) 920-2257 FAX: 873-3324		ANALYSIS REQUEST
INVOICE TO: SAME AS REPORT ? (YES) NO	INDICATE BOTTLES: FILTERED / PRESERVED (F/P) → → →	
COMPANY:	CLIENT / PROJECT INFORMATION:	
CONTACT:	JOB #: 1740183.007	
ADDRESS:	PO /AFE:	
	Legal Site Description:	
PHONE: FAX:	QUOTE #: Q15179	
Lab Work Order # (lab use only)	SAMPLER (Initials):	

Sample #	SAMPLE IDENTIFICATION (This description will appear on the report)	DATE	TIME	SAMPLE TYPE	Routine	Nutrients	TOC	Ultra Low Level Total Metals	Ultra Low Level Dissolved Metals	HAZARDOUS ?	HIGHLY CONTAMINATED ?	NUMBER OF CONTAINERS
	WQ Station 1	Aug 1/07		Water	✓	✓	✓	✓	✓			
	WQ Station 2	"		"	✓	✓	✓	✓	✓			
	WQ Station 2 Duplicate	"		"	✓	✓	✓	✓	✓			
	WQ Station 6	"		"	✓	✓	✓	✓	✓			
	Field Blank	"		"	✓	✓	✓	✓	✓			
	Travel Blank				✓	✓	✓	✓	✓			
	Filter Blank								✓			

GUIDELINES / REGULATIONS	SPECIAL INSTRUCTIONS / HAZARDOUS DETAILS

Failure to complete all portions of this form may delay analysis. Please fill in this form *LEGIBLY*.

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RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:	SAMPLE CONDITION (lab use only)	
Karla Langloise	Aug 4/07			TEMPERATURE	SAMPLES RECEIVED IN GOOD CONDITION ? YES / NO (If no provide details)
RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:		

SGS Lakefield Research Limited
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Env ICP-MS Metals

Project : PO#Contract

Advanced Explorations Inc
Attn : Gary Williams gwilliams007@sympatico.ca; kamey@eba.ca; SMoore@eba.ca

50 Richmond Street East, Suite 300
Toronto, Ontario
M5C 1N7, Canada

Phone:
Fax:

Tuesday, September 25, 2007

Date Rec. : 06 September 2007
LR Report: **CA10083-SEP07**
Reference: Roche Bay-1740183.007

Copy: #1

CERTIFICATE OF ANALYSIS
Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Approval Date	4: Analysis Approval Time	62: MDL
pH [no unit]	07-Sep-07	08:03	11-Sep-07	11:25	0.05
Conductivity [uS/cm]	07-Sep-07	08:03	11-Sep-07	11:25	1
Bicarbonate [mg/L as CaCO3]	07-Sep-07	08:03	11-Sep-07	11:25	2
Carbonate [mg/L as CaCO3]	07-Sep-07	08:03	11-Sep-07	11:25	2
OH [mg/L as CaCO3]	07-Sep-07	08:03	11-Sep-07	11:25	2
Alkalinity [mg/L as CaCO3]	07-Sep-07	08:03	11-Sep-07	11:25	2
Turbidity [NTU]	06-Sep-07	15:25	07-Sep-07	10:27	0.13
Fluoride [mg/L]	10-Sep-07	07:40	11-Sep-07	09:39	0.06
Ammonia+Ammonium (N) [mg/L]	10-Sep-07	16:53	13-Sep-07	11:44	0.1
Total Organic Carbon [mg/L]	11-Sep-07	17:20	13-Sep-07	09:30	1
Chloride [mg/L]	07-Sep-07	15:30	17-Sep-07	09:00	0.2
Nitrite (as nitrogen) [mg/L]	07-Sep-07	15:30	17-Sep-07	09:00	0.06
Nitrate (as nitrogen) [mg/L]	07-Sep-07	15:30	17-Sep-07	09:00	0.05
Nitrate + Nitrite (as nitrogen) [mg/L]	07-Sep-07	15:30	17-Sep-07	09:00	0.06
Sulphate [mg/L]	07-Sep-07	15:30	18-Sep-07	15:43	0.5
Tot. Suspended Solids [mg/L]	10-Sep-07	08:02	11-Sep-07	16:06	1
Mercury [ug/L]	10-Sep-07	12:00	11-Sep-07	08:06	0.1
Hardness [mg/L as CaCO3]	07-Sep-07	13:51	23-Sep-07	12:00	0.5
Silver [mg/L]	13-Sep-07	10:51	14-Sep-07	15:08	0.00001
Aluminum [mg/L]	13-Sep-07	10:51	14-Sep-07	15:15	0.008
Arsenic [mg/L]	13-Sep-07	10:51	14-Sep-07	15:15	0.0005
Barium [mg/L]	13-Sep-07	10:51	14-Sep-07	15:09	0.00001
Beryllium [mg/L]	13-Sep-07	10:51	14-Sep-07	15:09	0.00002
Boron [mg/L]	13-Sep-07	10:51	14-Sep-07	15:09	0.0002
Bismuth [mg/L]	13-Sep-07	10:51	14-Sep-07	15:09	0.00002
Calcium [mg/L]	07-Sep-07	13:51	23-Sep-07	12:00	0.04
Cadmium [mg/L]	13-Sep-07	10:51	14-Sep-07	15:10	0.000003
Cobalt [mg/L]	13-Sep-07	10:51	14-Sep-07	15:10	0.000002
Chromium [mg/L]	13-Sep-07	10:51	14-Sep-07	15:10	0.0005
Copper [mg/L]	13-Sep-07	10:51	14-Sep-07	15:10	0.0008
Iron [mg/L]	07-Sep-07	13:51	14-Sep-07	10:12	0.01
Potassium [mg/L]	07-Sep-07	13:51	23-Sep-07	12:01	0.01
Lithium [mg/L]	07-Sep-07	13:51	14-Sep-07	10:12	0.002
Magnesium [mg/L]	07-Sep-07	13:51	23-Sep-07	12:02	0.004
Manganese [mg/L]	13-Sep-07	10:51	14-Sep-07	15:10	0.00001
Molybdenum [mg/L]	13-Sep-07	10:51	14-Sep-07	15:10	0.00001
Sodium [mg/L]	07-Sep-07	13:51	23-Sep-07	12:03	0.01

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Env ICP-MS Metals

Project : PO#Contract

LR Report : **CA10083-SEP07**

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Approval Date	4: Analysis Approval Time	62: MDL
Nickel [mg/L]	13-Sep-07	10:51	14-Sep-07	15:10	0.0001
Phosphorus [mg/L]	07-Sep-07	13:51	14-Sep-07	10:13	0.02
Lead [mg/L]	13-Sep-07	10:51	14-Sep-07	15:11	0.00002
Antimony [mg/L]	13-Sep-07	10:51	14-Sep-07	15:11	0.00007
Selenium [mg/L]	13-Sep-07	10:51	14-Sep-07	15:11	0.001
Silica [mg/L]	07-Sep-07	13:51	23-Sep-07	12:03	0.01
Tin [mg/L]	13-Sep-07	10:51	14-Sep-07	15:11	0.0005
Strontium [mg/L]	07-Sep-07	13:51	23-Sep-07	12:03	0.0001
Titanium [mg/L]	13-Sep-07	10:51	14-Sep-07	15:11	0.0001
Thallium [mg/L]	13-Sep-07	10:51	14-Sep-07	15:11	0.00001
Uranium [mg/L]	13-Sep-07	10:51	14-Sep-07	15:11	0.00002
Vanadium [mg/L]	13-Sep-07	10:51	14-Sep-07	15:14	0.0002
Zinc [mg/L]	13-Sep-07	10:51	14-Sep-07	15:13	0.009

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Env ICP-MS Metals

Project : PO#Contract

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Tuesday, September 25, 2007

Date Rec. : 06 September 2007
LR Report: **CA10083-SEP07**
Reference: Roche Bay-1740183.007

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CERTIFICATE OF ANALYSIS
Final Report

Analysis	5: WQ 1	6: WQ 2	7: WQ 2 Duplicate	8: WQ 3	9: WQ 5	10: WQ 6
Sample Date & Time	26-Aug-07 17:40	26-Aug-07 16:55	26-Aug-07 16:55	27-Aug-07 08:25	24-Aug-07 15:45	26-Aug-07 15:35
Temperature Upon Receipt [°C]	16.0	16.0	16.0	16.0	16.0	16.0
pH [no unit]	8.06	7.91	7.97	7.88	8.00	8.00
Conductivity [uS/cm]	141	138	138	85	236	156
Bicarbonate [mg/L as CaCO3]	61	61	59	40	73	67
Carbonate [mg/L as CaCO3]	< 2	< 2	< 2	< 2	< 2	< 2
OH [mg/L as CaCO3]	< 2	< 2	< 2	< 2	< 2	< 2
Alkalinity [mg/L as CaCO3]	61	61	59	40	73	67
Turbidity [NTU]	0.20	0.15	0.18	0.41	0.37	0.17
Fluoride [mg/L]	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Ammonia+Ammonium (N) [mg/L]	0.2	0.2	0.1	0.1	< 0.1	< 0.1
Total Organic Carbon [mg/L]	1.1	1.6	1.5	1.0	1.4	1.6
Chloride [mg/L]	1.4	1.3	1.3	1.5	24	3.0
Nitrite (as nitrogen) [mg/L]	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Nitrate (as nitrogen) [mg/L]	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrate + Nitrite (as nitrogen) [mg/L]	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Sulphate [mg/L]	9.6	7.6	7.7	1.5	10	7.8
Tot. Suspended Solids [mg/L]	< 2	< 2	< 2	2	< 2	< 2
Mercury [ug/L]	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hardness [mg/L as CaCO3]	67.3	65.3	65.6	38.9	82.9	73.4
Silver [mg/L]	0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Aluminum [mg/L]	< 0.008	< 0.008	0.009	0.015	< 0.008	< 0.008
Arsenic [mg/L]	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Barium [mg/L]	0.0114	0.0162	0.0165	0.00910	0.00978	0.0141
Beryllium [mg/L]	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Boron [mg/L]	0.0018	0.0009	0.0008	0.0013	0.0075	0.0020
Bismuth [mg/L]	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Calcium [mg/L]	19.8	19.3	19.3	11.5	23.7	21.6
Cadmium [mg/L]	0.000017	0.000016	0.000015	0.000020	0.000020	0.000016
Cobalt [mg/L]	0.000237	0.000158	0.000034	0.000048	0.000043	0.000033
Chromium [mg/L]	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Copper [mg/L]	< 0.0008	< 0.0008	< 0.0008	< 0.0008	< 0.0008	< 0.0008
Iron [mg/L]	< 0.01	< 0.01	0.02	0.02	< 0.01	< 0.01
Potassium [mg/L]	1.28	1.59	1.60	0.89	1.40	1.38
Lithium [mg/L]	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002

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Env ICP-MS Metals

Project : PO#Contract

LR Report : **CA10083-SEP07**

Analysis	5: WQ 1	6: WQ 2	7: WQ 2 Duplicate	8: WQ 3	9: WQ 5	10: WQ 6
Magnesium [mg/L]	4.33	4.18	4.21	2.48	5.76	4.70
Manganese [mg/L]	0.00145	0.00045	0.00058	0.00164	0.00329	0.00113
Molybdenum [mg/L]	0.00041	0.00027	0.00019	0.00014	0.00026	0.00017
Sodium [mg/L]	1.14	0.99	1.00	1.03	11.1	1.81
Nickel [mg/L]	0.00051	0.00054	0.00055	0.00031	0.00039	0.00041
Phosphorus [mg/L]	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Lead [mg/L]	0.00060	0.00045	0.00048	0.00076	0.00081	0.00068
Antimony [mg/L]	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Selenium [mg/L]	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Silica [mg/L]	0.35	0.35	0.35	0.27	0.67	0.46
Tin [mg/L]	< 0.0005	< 0.0005	< 0.0005	0.00054	< 0.0005	< 0.0005
Strontium [mg/L]	0.0156	0.0164	0.0165	0.0095	0.0291	0.0183
Titanium [mg/L]	< 0.0001	< 0.0001	0.0005	0.0007	< 0.0001	< 0.0001
Thallium [mg/L]	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Uranium [mg/L]	0.000872	0.00192	0.00192	0.000581	0.000538	0.00118
Vanadium [mg/L]	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Zinc [mg/L]	< 0.009	< 0.009	< 0.009	< 0.009	< 0.009	< 0.009

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Env ICP-MS Metals

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Tuesday, September 25, 2007

Date Rec. : 06 September 2007
LR Report: **CA10083-SEP07**
Reference: Roche Bay-1740183.007

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CERTIFICATE OF ANALYSIS
Final Report

Analysis	11: WQ 7	12: WQ 9	13: WQ 10	14: WQ 11	15: WQ 12	17: WQ 13
Sample Date & Time	26-Aug-07 14:30	26-Aug-07 08:50	26-Aug-07 09:15	24-Aug-07 17:45	26-Aug-07 14:30	26-Aug-07 13:45
Temperature Upon Receipt [°C]	16.0	16.0	16.0	16.0	16.0	16.0
pH [no unit]	8.26	8.19	8.15	8.17	8.01	8.18
Conductivity [uS/cm]	418	213	397	209	143	241
Bicarbonate [mg/L as CaCO3]	165	92	138	82	65	118
Carbonate [mg/L as CaCO3]	< 2	< 2	< 2	< 2	< 2	< 2
OH [mg/L as CaCO3]	< 2	< 2	< 2	< 2	< 2	< 2
Alkalinity [mg/L as CaCO3]	165	92	138	82	65	118
Turbidity [NTU]	0.25	0.31	0.49	0.28	< 0.13	0.19
Fluoride [mg/L]	0.08	< 0.06	0.09	< 0.06	< 0.06	< 0.06
Ammonia+Ammonium (N) [mg/L]	< 0.1	< 0.1	0.3	< 0.1	< 0.1	< 0.1
Total Organic Carbon [mg/L]	2.6	3.2	4.2	1.6	1.7	3.1
Chloride [mg/L]	19	6.4	25	10	3.2	2.5
Nitrite (as nitrogen) [mg/L]	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Nitrate (as nitrogen) [mg/L]	< 0.05	< 0.05	< 0.05	< 0.05	0.07	< 0.05
Nitrate + Nitrite (as nitrogen) [mg/L]	< 0.06	< 0.06	< 0.06	< 0.06	0.07	< 0.06
Sulphate [mg/L]	21	8.1	33	8.7	2.6	5.3
Tot. Suspended Solids [mg/L]	< 2	< 2	< 2	< 2	< 2	< 2
Mercury [ug/L]	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hardness [mg/L as CaCO3]	193	95.3	171	90.3	64.7	124
Silver [mg/L]	< 0.00001	< 0.00001	0.00002	0.00001	< 0.00001	< 0.00001
Aluminum [mg/L]	< 0.008	< 0.008	< 0.008	< 0.008	< 0.008	< 0.008
Arsenic [mg/L]	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Barium [mg/L]	0.0122	0.00450	0.0130	0.0111	0.0151	0.0245
Beryllium [mg/L]	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Boron [mg/L]	0.0139	0.0098	0.0230	0.0047	0.0012	0.0006
Bismuth [mg/L]	< 0.00002	< 0.00002	0.00006	0.00003	< 0.00002	< 0.00002
Calcium [mg/L]	59.9	28.9	48.7	26.2	19.0	36.2
Cadmium [mg/L]	0.000016	0.000014	0.000018	0.000017	0.000016	0.000014
Cobalt [mg/L]	0.000099	0.000030	0.000069	0.000048	0.000020	0.000035
Chromium [mg/L]	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Copper [mg/L]	< 0.0008	< 0.0008	< 0.0008	< 0.0008	< 0.0008	< 0.0008
Iron [mg/L]	< 0.01	0.02	< 0.01	< 0.01	< 0.01	< 0.01
Potassium [mg/L]	1.92	0.88	2.28	1.46	1.33	1.74
Lithium [mg/L]	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002

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Env ICP-MS Metals

Project : PO#Contract

LR Report : **CA10083-SEP07**

Analysis	11: WQ 7	12: WQ 9	13: WQ 10	14: WQ 11	15: WQ 12	17: WQ 13
Magnesium [mg/L]	10.5	5.60	11.9	6.07	4.20	8.24
Manganese [mg/L]	0.00077	0.00119	0.00193	0.00173	< 0.00001	0.00016
Molybdenum [mg/L]	0.00025	0.00014	0.00048	0.00041	0.00017	0.00020
Sodium [mg/L]	10.1	3.88	12.6	5.39	2.52	1.98
Nickel [mg/L]	0.00087	0.00021	0.00048	0.00037	0.00017	0.00037
Phosphorus [mg/L]	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Lead [mg/L]	0.00109	0.00047	0.00062	0.00088	0.00030	0.00046
Antimony [mg/L]	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Selenium [mg/L]	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Silica [mg/L]	0.99	0.78	0.89	0.59	0.47	0.68
Tin [mg/L]	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Strontium [mg/L]	0.0816	0.0580	0.0779	0.0240	0.0157	0.0256
Titanium [mg/L]	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Thallium [mg/L]	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Uranium [mg/L]	0.000786	0.000105	0.000690	0.00280	0.00141	0.00131
Vanadium [mg/L]	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Zinc [mg/L]	0.024	< 0.009	< 0.009	< 0.009	0.013	< 0.009

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CERTIFICATE OF ANALYSIS
Final Report

Analysis	18: WQ 14	19: WQ 15	20: GW 9	16: GW 9 Duplicate	21: GW 11	22: Field Blank	23: Travel Blank
Sample Date & Time	28-Aug-07 14:30	26-Aug-07 10:25	26-Aug-07 18:00	26-Aug-07 18:00	28-Aug-07 14:30	26-Aug-07 09:15	26-Aug-07 12:00
Temperature Upon Receipt [°C]	16.0	16.0	16.0	16.0	16.0	16.0	16.0
pH [no unit]	7.10	8.23	8.09	8.22	8.02	6.25	5.88
Conductivity [uS/cm]	22	271	213	225	140	1	1
Bicarbonate [mg/L as CaCO3]	7	103	98	99	57	< 2	< 2
Carbonate [mg/L as CaCO3]	< 2	< 2	< 2	< 2	< 2	< 2	< 2
OH [mg/L as CaCO3]	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Alkalinity [mg/L as CaCO3]	7	103	98	99	57	< 2	< 2
Turbidity [NTU]	0.87	0.67	0.22	0.13	0.36	0.22	< 0.13
Fluoride [mg/L]	< 0.06	0.07	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Ammonia+Ammonium (N) [mg/L]	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Total Organic Carbon [mg/L]	1.4	4.2	1.6	1.5	1.8	< 1	< 1
Chloride [mg/L]	1.3	12	3.6	3.7	4.7	< 0.2	< 0.2
Nitrite (as nitrogen) [mg/L]	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Nitrate (as nitrogen) [mg/L]	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nitrate + Nitrite (as nitrogen) [mg/L]	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06
Sulphate [mg/L]	1.1	16	9.6	9.1	5.1	< 0.5	< 0.5
Tot. Suspended Solids [mg/L]	< 2	2	< 2	< 2	< 2	< 2	< 2
Mercury [ug/L]	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hardness [mg/L as CaCO3]	7.0	118	107	106	61.9	< 0.5	< 0.5
Silver [mg/L]	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Aluminum [mg/L]	0.055	< 0.008	< 0.008	< 0.008	0.013	0.010	< 0.008
Arsenic [mg/L]	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Barium [mg/L]	0.00382	0.00737	0.0142	0.0144	0.0106	< 0.00001	< 0.00001
Beryllium [mg/L]	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Boron [mg/L]	< 0.0002	0.0133	0.0016	0.0004	0.0005	< 0.0002	< 0.0002
Bismuth [mg/L]	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Calcium [mg/L]	1.98	32.1	30.8	30.7	19.0	< 0.04	< 0.04
Cadmium [mg/L]	0.000009	0.000013	0.000007	0.000013	0.000009	0.000008	0.000007
Cobalt [mg/L]	0.000031	0.000040	0.000034	0.000040	0.000029	0.000008	0.000002
Chromium [mg/L]	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Copper [mg/L]	< 0.0008	< 0.0008	< 0.0008	< 0.0008	< 0.0008	< 0.0008	< 0.0008
Iron [mg/L]	0.06	0.01	< 0.01	< 0.01	0.03	< 0.01	< 0.01
Potassium [mg/L]	0.35	1.53	1.66	1.64	1.09	< 0.01	< 0.01
Lithium [mg/L]	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002

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Env ICP-MS Metals

Project : PO#Contract

LR Report : **CA10083-SEP07**

Analysis	18: WQ 14	19: WQ 15	20: GW 9	16: GW 9 Duplicate	21: GW 11	22: Field Blank	23: Travel Blank
Magnesium [mg/L]	0.512	9.17	7.21	7.19	3.51	< 0.004	< 0.004
Manganese [mg/L]	0.00098	0.00124	0.00045	0.00038	0.00105	< 0.00001	< 0.00001
Molybdenum [mg/L]	0.00012	0.00029	0.00036	0.00037	0.00021	0.00006	0.00005
Sodium [mg/L]	0.86	7.28	1.98	1.96	1.86	< 0.01	< 0.01
Nickel [mg/L]	0.00026	0.00034	0.00042	0.00037	0.00024	< 0.0001	< 0.0001
Phosphorus [mg/L]	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Lead [mg/L]	0.00046	0.00069	0.00148	0.00031	0.00160	0.00051	0.00059
Antimony [mg/L]	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Selenium [mg/L]	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Silica [mg/L]	0.77	0.60	0.54	0.53	0.49	< 0.01	< 0.01
Tin [mg/L]	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Strontium [mg/L]	0.0046	0.0586	0.0226	0.0225	0.0206	< 0.0001	< 0.0001
Titanium [mg/L]	0.0033	< 0.0001	< 0.0001	< 0.0001	0.0007	< 0.0001	< 0.0001
Thallium [mg/L]	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Uranium [mg/L]	0.000120	0.000380	0.00545	0.00551	0.00201	< 0.00002	< 0.00002
Vanadium [mg/L]	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Zinc [mg/L]	< 0.009	< 0.009	< 0.009	< 0.009	< 0.009	< 0.009	< 0.009

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Env ICP-MS Metals

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Tuesday, September 25, 2007

Date Rec. : 06 September 2007
LR Report: **CA10083-SEP07**
Reference: Roche Bay-1740183.007

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CERTIFICATE OF ANALYSIS
Final Report

Analysis	24: WQ 1 Diss	25: WQ 2 Diss	26: WQ 2 Duplicate Diss	27: WQ 3 Diss	28: WQ 5 Diss	29: WQ 6 Diss
Sample Date & Time	26-Aug-07 17:40	26-Aug-07 16:55	26-Aug-07 16:55	27-Aug-07 08:25	24-Aug-07 15:45	26-Aug-07 15:35
Temperature Upon Receipt [°C]	16.0	16.0	16.0	16.0	16.0	16.0
Mercury [ug/L]	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hardness [mg/L as CaCO3]	69.0	67.5	66.2	39.0	87.3	74.3
Silver [mg/L]	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Aluminum [mg/L]	< 0.008	< 0.008	< 0.008	< 0.008	< 0.008	< 0.008
Arsenic [mg/L]	0.0005	0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Barium [mg/L]	0.0118	0.0162	0.0165	0.00873	0.0100	0.0142
Beryllium [mg/L]	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Boron [mg/L]	0.0015	0.0011	0.0010	0.0012	0.0079	0.0019
Bismuth [mg/L]	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Calcium [mg/L]	20.3	19.9	19.5	11.5	24.9	21.9
Cadmium [mg/L]	0.000003	< 0.000003	< 0.000003	< 0.000003	< 0.000003	0.000024
Cobalt [mg/L]	0.000067	0.000024	0.000022	0.000011	0.000020	0.000018
Chromium [mg/L]	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Copper [mg/L]	< 0.0008	< 0.0008	< 0.0008	< 0.0008	< 0.0008	< 0.0008
Iron [mg/L]	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Potassium [mg/L]	1.71	1.69	1.63	0.89	1.47	1.38
Lithium [mg/L]	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Magnesium [mg/L]	4.45	4.34	4.26	2.49	6.09	4.78
Manganese [mg/L]	0.00047	0.00016	0.00013	0.00012	0.00006	0.00009
Molybdenum [mg/L]	0.00017	0.00025	0.00017	0.00012	0.00025	0.00016
Sodium [mg/L]	1.17	1.01	1.03	1.04	11.8	1.83
Nickel [mg/L]	0.00058	0.00049	0.00033	0.00025	0.00033	0.00027
Phosphorus [mg/L]	< 0.02	0.02	< 0.02	< 0.02	< 0.02	< 0.02
Lead [mg/L]	0.00036	0.00003	0.00006	< 0.00002	0.00003	< 0.00002
Antimony [mg/L]	< 0.00007	0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Selenium [mg/L]	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Silica [mg/L]	0.38	0.35	0.34	0.24	0.68	0.45
Tin [mg/L]	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Strontium [mg/L]	0.0159	0.0168	0.0166	0.0094	0.0304	0.0183
Titanium [mg/L]	0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Thallium [mg/L]	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Uranium [mg/L]	0.000825	0.00175	0.00170	0.000504	0.000534	0.00106
Vanadium [mg/L]	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Zinc [mg/L]	0.009	< 0.009	< 0.009	< 0.009	< 0.009	< 0.009

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Env ICP-MS Metals

Project : PO#Contract

LR Report : **CA10083-SEP07**

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CERTIFICATE OF ANALYSIS
Final Report

Analysis	30: WQ 7 Diss	31: WQ 9 Diss	32: WQ 10 Diss	33: WQ 11 Diss	34: WQ 12 Diss	36: WQ 13 Diss
Sample Date & Time	26-Aug-07 14:30	26-Aug-07 08:50	26-Aug-07 09:15	24-Aug-07 17:45	26-Aug-07 14:30	26-Aug-07 13:45
Temperature Upon Receipt [°C]	16.0	16.0	16.0	16.0	16.0	16.0
Mercury [ug/L]	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hardness [mg/L as CaCO3]	198	102	180	92.5	66.5	125
Silver [mg/L]	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Aluminum [mg/L]	< 0.008	< 0.008	< 0.008	< 0.008	< 0.008	< 0.008
Arsenic [mg/L]	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Barium [mg/L]	0.0130	0.00462	0.0131	0.0113	0.0153	0.0252
Beryllium [mg/L]	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Boron [mg/L]	0.0132	0.0103	0.0241	0.0049	0.0021	0.0014
Bismuth [mg/L]	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Calcium [mg/L]	61.4	30.8	51.4	26.8	19.5	36.4
Cadmium [mg/L]	< 0.000003	< 0.000003	< 0.000003	< 0.000003	< 0.000003	< 0.000003
Cobalt [mg/L]	0.000041	0.000026	0.000046	0.000022	0.000018	0.000034
Chromium [mg/L]	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Copper [mg/L]	< 0.0008	< 0.0008	< 0.0008	< 0.0008	0.0008	0.0008
Iron [mg/L]	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Potassium [mg/L]	1.97	0.93	2.36	1.48	1.35	1.74
Lithium [mg/L]	0.003	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Magnesium [mg/L]	10.8	5.98	12.6	6.21	4.33	8.31
Manganese [mg/L]	0.00011	0.00021	0.00045	0.00002	0.00002	0.00005
Molybdenum [mg/L]	0.00024	0.00014	0.00035	0.00027	0.00009	0.00011
Sodium [mg/L]	10.4	4.14	13.2	5.61	2.58	1.99
Nickel [mg/L]	0.00033	0.00022	0.00036	0.00030	0.00027	0.00035
Phosphorus [mg/L]	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Lead [mg/L]	0.00002	0.00013	0.00002	< 0.00002	< 0.00002	< 0.00002
Antimony [mg/L]	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Selenium [mg/L]	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Silica [mg/L]	1.01	0.82	0.93	0.59	0.48	0.67
Tin [mg/L]	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Strontium [mg/L]	0.0829	0.0613	0.0816	0.0245	0.0160	0.0256
Titanium [mg/L]	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Thallium [mg/L]	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Uranium [mg/L]	0.000766	0.000111	0.000610	0.00244	0.00126	0.00119
Vanadium [mg/L]	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Zinc [mg/L]	< 0.009	< 0.009	< 0.009	< 0.009	< 0.009	< 0.009

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Env ICP-MS Metals

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LR Report : **CA10083-SEP07**

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CERTIFICATE OF ANALYSIS
Final Report

Analysis	37: WQ 14 Diss	38: WQ 15 Diss	39: GW 9 Diss	35: GW 9 Duplicate Diss	40: GW 11 Diss	41: Field Blank Diss	42: Travel Blank Diss
Sample Date & Time	28-Aug-07 14:30	26-Aug-07 10:25	26-Aug-07 18:00	26-Aug-07 18:00	28-Aug-07 14:30	26-Aug-07 09:15	26-Aug-07 12:00
Temperature Upon Receipt [°C]	16.0	16.0	16.0	16.0	16.0	16.0	16.0
Mercury [ug/L]	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hardness [mg/L as CaCO3]	7.0	123	109	110	64.0	< 0.5	< 0.5
Silver [mg/L]	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Aluminum [mg/L]	< 0.008	< 0.008	< 0.008	< 0.008	< 0.008	< 0.008	< 0.008
Arsenic [mg/L]	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Barium [mg/L]	0.00348	0.00773	0.0144	0.0144	0.0111	0.00003	0.00002
Beryllium [mg/L]	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Boron [mg/L]	0.0006	0.0141	0.0014	0.0014	0.0012	< 0.0002	< 0.0002
Bismuth [mg/L]	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002	< 0.00002
Calcium [mg/L]	1.97	33.3	31.6	31.7	19.6	< 0.04	< 0.04
Cadmium [mg/L]	< 0.000003	< 0.000003	< 0.000003	< 0.000003	< 0.000003	< 0.000003	0.000004
Cobalt [mg/L]	0.000006	0.000028	0.000032	0.000026	0.000021	0.000003	0.000002
Chromium [mg/L]	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Copper [mg/L]	< 0.0008	< 0.0008	< 0.0008	< 0.0008	< 0.0008	< 0.0008	< 0.0008
Iron [mg/L]	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Potassium [mg/L]	0.34	1.60	1.67	1.69	1.11	< 0.01	< 0.01
Lithium [mg/L]	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Magnesium [mg/L]	0.503	9.57	7.37	7.45	3.63	< 0.004	< 0.004
Manganese [mg/L]	0.00016	0.00010	0.00020	0.00015	0.00009	0.00004	0.00006
Molybdenum [mg/L]	0.00004	0.00021	0.00027	0.00028	0.00016	< 0.00001	< 0.00001
Sodium [mg/L]	0.86	7.60	2.00	2.01	1.93	< 0.01	< 0.01
Nickel [mg/L]	0.00024	0.00029	0.00043	0.00038	0.00023	< 0.0001	< 0.0001
Phosphorus [mg/L]	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Lead [mg/L]	< 0.00002	< 0.00002	0.00016	< 0.00002	< 0.00002	0.00004	0.00009
Antimony [mg/L]	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007	< 0.00007
Selenium [mg/L]	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Silica [mg/L]	0.69	0.62	0.53	0.54	0.48	< 0.01	< 0.01
Tin [mg/L]	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Strontium [mg/L]	0.0045	0.0605	0.0229	0.0230	0.0210	< 0.0001	< 0.0001
Titanium [mg/L]	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Thallium [mg/L]	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001	< 0.00001
Uranium [mg/L]	0.000036	0.000346	0.00490	0.00494	0.00179	< 0.00002	< 0.00002
Vanadium [mg/L]	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002

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Env ICP-MS Metals

Project : PO#Contract

LR Report : **CA10083-SEP07**

Analysis	37: WQ 14 Diss	38: WQ 15 Diss	39: GW 9 Diss	35: GW 9 Duplicate Diss	40: GW 11 Diss	41: Field Blank Diss	42: Travel Blank Diss
Zinc [mg/L]	< 0.009	< 0.009	< 0.009	< 0.009	< 0.009	< 0.009	< 0.009

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CERTIFICATE OF ANALYSIS
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Iron mg/L	Manganese mg/L
1: Analysis Start Date		---	07-Sep-07	13-Sep-07
2: Analysis Start Time		---	13:51	10:51
3: Analysis Approval Date		---	14-Sep-07	14-Sep-07
4: Analysis Approval Time		---	10:12	15:10
43: WQ 1 Extractable	26-Aug-07 17:40	16.0	0.08	0.00125
44: WQ 2 Extractable	26-Aug-07 16:55	16.0	0.02	0.00037
45: WQ 2 Duplicate Extractable	26-Aug-07 16:55	16.0	0.03	0.00044
46: WQ 3 Extractable	27-Aug-07 08:25	16.0	0.02	0.00117
47: WQ 5 Extractable	24-Aug-07 15:45	16.0	0.02	0.00257
48: WQ 6 Extractable	26-Aug-07 15:35	16.0	0.02	0.00087
49: WQ 7 Extractable	26-Aug-07 14:30	16.0	0.02	0.00060
50: WQ 9 Extractable	26-Aug-07 08:50	16.0	0.03	0.00100
51: WQ 10 Extractable	26-Aug-07 09:15	16.0	0.03	0.00273
52: WQ 11 Extractable	24-Aug-07 17:45	16.0	0.01	0.00128
53: WQ 12 Extractable	26-Aug-07 14:30	16.0	< 0.01	0.00007
54: GW 9 Duplicate Extractable	26-Aug-07 18:00	16.0	< 0.01	0.00038
55: WQ 13 Extractable	26-Aug-07 13:45	16.0	< 0.01	0.00016
56: WQ 14 Extractable	28-Aug-07 14:30	16.0	0.04	0.00068
57: WQ 15 Extractable	26-Aug-07 10:25	16.0	0.03	0.00089
58: GW 9 Extractable	26-Aug-07 18:00	16.0	0.01	0.00035
59: GW 11 Extractable	28-Aug-07 14:30	16.0	0.03	0.00080
60: Field Blank Extractable	26-Aug-07 09:15	16.0	< 0.01	0.00004
61: Travel Blank Extractable	26-Aug-07 12:00	16.0	< 0.01	0.00002

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Environmental Services, Analytical

OnLine LIMS

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Test method information available upon request.

APPENDIX

APPENDIX B SUMMARIZED QA/QC BLANK RESULTS OF ROCHE BAY, 2006 & 2007

APPENDIX B1. TRAVEL BLANK RESULTS OF ROCHE BAY, 2006 & 2007

APPENDIX B1. TRAVEL BLANK RESULTS OF ROCHE BAY, 2006 & 2007

Analyte	Jun-06	Jul-06	Aug-06	Jun-07	Jul-07	Aug-07	UNITS	Ultra-Low Level Detection Limits	
								ALS*	SGS**
Major Ions, Nutrients and Inorganics									
Chloride (Cl)	<	<	<	<	<	<	mg/L	1	0.2
Fluoride (F)	NA	NA	NA	<	<	<	mg/L	0.05	0.06
Calcium (Ca)	<	<	<	<	<	NA	mg/L	0.5	---
Potassium (K)	<	<	<	0.2	<	NA	mg/L	0.1	---
Magnesium (Mg)	<	<	<	<	<	NA	mg/L	0.1	---
Sodium (Na)	1	<	<	<	<	NA	mg/L	1	---
Ion Balance	Low EC	Low TDS	Low TDS	Low TDS	Low TDS	NA	%	---	---
TDS (Calculated)	2	<	<	<	<	NA	mg/L	---	---
Hardness (as CaCO3)	<	<	<	<	<	<	mg/L	---	0.5
Iron-Extractable	NA	NA	NA	<	<	<	mg/L	0.05	0.01
Manganese-Extractable	NA	NA	NA	<	<	0.00004	mg/L	0.01	0.001
Nitrate+Nitrite-N	<	<	<	<	<	<	mg/L	0.006	0.06
Nitrate-N	<	<	<	<	<	<	mg/L	0.006	0.05
Nitrite-N	<	<	<	<	<	<	mg/L	0.002	0.06
Sulfate (SO4)	1.4	<	<	<	<	<	mg/L	0.05	0.5
pH	5.4	5.6	5.6	5.6	5.5	6.25	pH	0.1	0.05
Conductivity (EC)	1.2	<	<	0.6	0.8	1.00	µS/cm	0.2	1
Bicarbonate (HCO3)	<	<	<	<	<	<	mg/L	5	2
Carbonate (CO3)	<	<	<	<	<	<	mg/L	5	2
Hydroxide (OH)	<	<	<	<	<	<	mg/L	5	2
Alkalinity, Total (as CaCO3)	<	<	<	<	<	<	mg/L	5	2
Ammonia-N	<	<	<	<	0.009	<	mg/L	0.005	0.1
Phosphorus, Total	<	<	<	<	<	<	mg/L	0.001	0.01
Total Organic Carbon	1	<	<	<	<	<	mg/L	1	1
Total Suspended Solids	NA	NA	NA	<	3	<	mg/L	3	1
Turbidity	NA	NA	NA	0.25	<	0.22	NTU	0.1	0.13
Total Metals									
Aluminum (Al)	<	<	0.0003	<	<	0.01	mg/L	0.0003	0.008
Antimony (Sb)	<	0.00008	0.00011	<	<	<	mg/L	0.00003	0.00007
Arsenic (As)	<	<	<	<	<	<	mg/L	0.00003	0.0005
Barium (Ba)	<	<	<	<	<	<	mg/L	0.00005	0.00001
Beryllium (Be)	<	<	<	<	<	<	mg/L	0.0002	0.00002
Bismuth (Bi)	NA	NA	NA	<	<	<	mg/L	0.00003	0.00002
Boron (B)	<	<	<	<	<	<	mg/L	0.001	0.0002
Cadmium (Cd)	<	<	<	<	<	0.00001	mg/L	0.00005	0.000003
Calcium (Ca)	<	<	0.04	<	<	<	mg/L	0.02	0.04
Chromium (Cr)	<	<	<	<	<	<	mg/L	0.00006	0.0005
Cobalt (Co)	<	<	<	<	<	0.000002	mg/L	0.0001	0.000002
Copper (Cu)	<	<	<	<	<	<	mg/L	0.0006	0.0008
Iron (Fe)	<	<	<	<	<	<	mg/L	0.005	0.01
Lead (Pb)	<	<	<	<	<	0.0005	mg/L	0.00005	0.00002
Lithium (Li)	NA	NA	NA	<	<	<	mg/L	0.0001	0.002
Magnesium (Mg)	<	<	<	<	<	<	mg/L	0.004	0.004
Manganese (Mn)	<	<	<	<	<	<	mg/L	0.0001	0.00001
Mercury (Hg)	<	<	<	<	<	<	mg/L	0.00002	0.0001
Molybdenum (Mo)	<	<	<	<	<	0.00006	mg/L	0.00006	0.00001
Nickel (Ni)	0.00012	<	<	<	<	<	mg/L	0.00006	0.0001
Potassium (K)	<	<	<	<	<	<	mg/L	0.02	0.01
Selenium (Se)	<	<	<	<	<	<	mg/L	0.0001	0.001
Silicon (Si)	NA	NA	NA	<	<	<	mg/L	0.1	0.01
Silver (Ag)	<	<	<	<	<	<	mg/L	0.0001	0.00001
Sodium (Na)	<	<	<	<	<	<	mg/L	0.005	0.01
Strontium (Sr)	<	<	<	<	<	<	mg/L	0.0001	0.0001
Thallium (Tl)	NA	NA	NA	NA	---	<	mg/L	---	0.00001
Tin (Sn)	NA	NA	NA	<	<	<	mg/L	0.0001	0.0005
Titanium (Ti)	NA	NA	NA	NA	---	<	mg/L	---	0.0001
Uranium (U)	<	<	<	<	<	<	mg/L	0.00005	0.00002
Vanadium (V)	<	<	<	<	<	<	mg/L	0.00005	0.0002
Zinc (Zn)	<	<	<	<	<	<	mg/L	0.0008	0.009
Dissolved Metals									
Aluminum (Al)	<	<	0.001	<	<	<	mg/L	0.0003	0.008
Antimony (Sb)	<	0.00014	0.00019	<	<	<	mg/L	0.00003	0.00007
Arsenic (As)	<	<	<	<	<	<	mg/L	0.00003	0.0005
Barium (Ba)	<	<	0.00006	<	<	0.00003	mg/L	0.00005	0.00001
Beryllium (Be)	<	<	<	<	<	<	mg/L	0.0002	0.00002
Bismuth (Bi)	<	<	<	<	<	<	mg/L	0.00003	0.00002
Boron (B)	<	<	<	<	<	<	mg/L	0.001	0.0002
Cadmium (Cd)	<	<	<	<	<	<	mg/L	0.00005	0.000003
Calcium (Ca)	<	0.11	0.88	<	<	<	mg/L	0.02	0.04
Chromium (Cr)	<	<	<	<	<	<	mg/L	0.00006	0.0005
Cobalt (Co)	<	<	<	<	<	0.000002	mg/L	0.0001	0.000002
Copper (Cu)	<	<	<	<	<	<	mg/L	0.0006	0.0008
Iron (Fe)	<	<	<	<	<	<	mg/L	0.005	0.01
Lead (Pb)	<	<	<	<	<	0.00004	mg/L	0.00005	0.00002
Lithium (Li)	<	<	<	<	<	<	mg/L	0.0001	0.002
Magnesium (Mg)	<	<	0.007	<	<	<	mg/L	0.004	0.004
Manganese (Mn)	<	<	<	<	<	0.00004	mg/L	0.0001	0.00001
Mercury (Hg)	<	<	<	<	<	<	mg/L	0.00002	0.0001
Molybdenum (Mo)	<	<	<	<	<	<	mg/L	0.00006	0.00001
Nickel (Ni)	<	<	<	<	0.0002	<	mg/L	0.00006	0.0001
Potassium (K)	<	<	<	<	<	<	mg/L	0.02	0.01
Selenium (Se)	<	<	<	<	<	<	mg/L	0.0001	0.001
Silicon (Si)	<	<	<	<	<	<	mg/L	0.1	0.01
Silver (Ag)	<	<	<	<	<	<	mg/L	0.0001	0.00001
Sodium (Na)	<	<	0.01	<	<	<	mg/L	0.005	0.01
Strontium (Sr)	<	<	0.0005	<	<	<	mg/L	0.0001	0.0001
Thallium (Tl)	NA	NA	NA	NA	NA	<	mg/L	---	0.00001
Tin (Sn)	<	<	<	<	<	<	mg/L	0.0001	0.0005
Titanium (Ti)	NA	NA	NA	NA	NA	<	mg/L	---	0.0001
Uranium (U)	<	<	<	<	<	<	mg/L	0.00005	0.00002
Vanadium (V)	<	<	<	<	<	<	mg/L	0.00005	0.0002
Zinc (Zn)	<	<	0.0009	0.0012	0.0009	<	mg/L	0.0008	0.009

< denotes result below detection level

Due to elevated levels of suspended solids, Low Level Analysis was conducted

NA=Not Analyzed

*ALS - ALS Laboratory Group

**SGS - SGS Environmental Services (August 2007 only)

APPENDIX B2. FIELD BLANK RESULTS OF ROCHE BAY, 2006 & 2007

APPENDIX B2. FIELD BLANK RESULTS OF ROCHE BAY, 2006 & 2007

Analyte	Jun-06	Jul-06	Aug-06	Jun-07	Jul-07	Aug-07	UNITS	Ultra-Low Level Detection Limits	
								ALS*	SGS**
Major Ions, Nutrients and Inorganics									
Chloride (Cl)	<	<	<	<	<	<	mg/L	1	0.2
Fluoride (F)	NA	NA	NA	<	<	<	mg/L	0.05	0.06
Calcium (Ca)	<	<	<	<	<	NA	mg/L	0.5	---
Potassium (K)	<	<	<	0.1	<	NA	mg/L	0.1	---
Magnesium (Mg)	<	<	<	<	<	NA	mg/L	0.1	---
Sodium (Na)	2	<	<	<	<	NA	mg/L	1	---
Ion Balance	Low EC	Low TDS	Low TDS	Low TDS	Low TDS	NA	%	---	---
TDS (Calculated)	3	<	<	<	<	NA	mg/L	---	---
Hardness (as CaCO3)	<	<	<	<	<	<	mg/L	---	0.5
Iron-Extractable	NA	NA	NA	<	<	<	mg/L	0.05	0.01
Manganese-Extractable	NA	NA	NA	<	<	0.00002	mg/L	0.01	0.001
Nitrate+Nitrite-N	<	<	<	<	<	<	mg/L	0.006	0.06
Nitrate-N	<	<	<	<	<	<	mg/L	0.006	0.05
Nitrite-N	<	<	<	<	<	<	mg/L	0.002	0.06
Sulfate (SO4)	0.6	<	<	<	<	<	mg/L	0.05	0.5
pH	5.7	6.2	6.4	6.5	6.5	5.88	pH	0.1	0.05
Conductivity (EC)	2.3	1.4	1.9	2	2.3	1.00	µS/cm	0.2	1
Bicarbonate (HCO3)	<	<	<	<	<	<	mg/L	5	2
Carbonate (CO3)	<	<	<	<	<	<	mg/L	5	2
Hydroxide (OH)	<	<	<	<	<	<	mg/L	5	2
Alkalinity, Total (as CaCO3)	<	<	<	<	<	<	mg/L	5	2
Ammonia-N	<	<	<	<	<	<	mg/L	0.005	0.1
Phosphorus, Total	<	<	<	<	<	<	mg/L	0.001	0.01
Total Organic Carbon	<	<	<	<	<	<	mg/L	1	1
Total Suspended Solids	NA	NA	NA	<	<	<	mg/L	3	1
Turbidity	NA	NA	NA	0.2	0.25	<	NTU	0.1	0.13
Total Metals									
Aluminum (Al)	<	<	<	0.0055	<	<	mg/L	0.0003	0.008
Antimony (Sb)	<	0.00008	0.0001	<	<	<	mg/L	0.00003	0.00007
Arsenic (As)	<	<	<	<	<	<	mg/L	0.00003	0.0005
Barium (Ba)	<	<	0.00005	0.00014	0.00011	<	mg/L	0.00005	0.00001
Beryllium (Be)	<	<	<	<	<	<	mg/L	0.0002	0.00002
Bismuth (Bi)	NA	NA	NA	<	<	<	mg/L	0.00003	0.00002
Boron (B)	<	<	<	<	<	<	mg/L	0.001	0.0002
Cadmium (Cd)	<	<	<	<	<	0.00001	mg/L	0.00005	0.000003
Calcium (Ca)	<	0.03	0.05	0.09	0.09	<	mg/L	0.02	0.04
Chromium (Cr)	<	<	<	<	<	<	mg/L	0.00006	0.0005
Cobalt (Co)	<	<	<	<	<	0.000008	mg/L	0.0001	0.000002
Copper (Cu)	<	<	<	<	<	<	mg/L	0.0006	0.0008
Iron (Fe)	<	<	<	<	<	<	mg/L	0.005	0.01
Lead (Pb)	<	<	<	<	<	0.0006	mg/L	0.00005	0.00002
Lithium (Li)	NA	NA	NA	0.0002	0.0001	<	mg/L	0.0001	0.002
Magnesium (Mg)	<	<	<	<	<	<	mg/L	0.004	0.004
Manganese (Mn)	<	<	<	<	<	<	mg/L	0.0001	0.00001
Mercury (Hg)	<	<	<	<	<	<	mg/L	0.00002	0.0001
Molybdenum (Mo)	<	<	<	<	<	0.00005	mg/L	0.00006	0.00001
Nickel (Ni)	<	<	<	<	<	<	mg/L	0.00006	0.0001
Potassium (K)	<	<	<	<	<	<	mg/L	0.02	0.01
Selenium (Se)	<	<	<	<	<	<	mg/L	0.0001	0.001
Silicon (Si)	NA	NA	NA	0.3	0.1	<	mg/L	0.1	0.01
Silver (Ag)	<	<	<	<	<	<	mg/L	0.0001	0.00001
Sodium (Na)	<	0.187	0.34	0.428	0.439	<	mg/L	0.005	0.01
Strontium (Sr)	<	<	<	0.0001	<	<	mg/L	0.0001	0.0001
Thallium (Tl)	NA	NA	NA	NA	NA	<	mg/L	---	0.00001
Tin (Sn)	NA	NA	NA	0.0051	0.0007	<	mg/L	0.0001	0.0005
Titanium (Ti)	NA	NA	NA	NA	NA	<	mg/L	---	0.0001
Uranium (U)	<	<	<	<	<	<	mg/L	0.00005	0.00002
Vanadium (V)	<	<	<	<	<	<	mg/L	0.00005	0.0002
Zinc (Zn)	<	<	<	<	<	<	mg/L	0.0008	0.009
Dissolved Metals									
Aluminum (Al)	<	<	0.0004	0.0055	0.0008	<	mg/L	0.0003	0.008
Antimony (Sb)	<	0.00017	0.00018	<	<	<	mg/L	0.00003	0.00007
Arsenic (As)	<	<	<	<	<	<	mg/L	0.00003	0.0005
Barium (Ba)	0.00007	<	<	0.00011	0.00012	0.00002	mg/L	0.00005	0.00001
Beryllium (Be)	<	<	<	<	<	<	mg/L	0.0002	0.00002
Bismuth (Bi)	<	<	<	<	<	<	mg/L	0.00003	0.00002
Boron (B)	<	<	<	<	<	<	mg/L	0.001	0.0002
Cadmium (Cd)	<	<	<	<	<	0.000004	mg/L	0.00005	0.000003
Calcium (Ca)	0.03	0.05	0.1	0.15	0.12	<	mg/L	0.02	0.04
Chromium (Cr)	<	<	<	<	<	<	mg/L	0.00006	0.0005
Cobalt (Co)	<	<	<	<	<	0.000003	mg/L	0.0001	0.000002
Copper (Cu)	<	<	<	<	<	<	mg/L	0.0006	0.0008
Iron (Fe)	<	<	<	<	<	<	mg/L	0.005	0.01
Lead (Pb)	<	<	<	<	<	0.00009	mg/L	0.00005	0.00002
Lithium (Li)	<	<	<	<	<	<	mg/L	0.0001	0.002
Magnesium (Mg)	<	<	<	<	<	<	mg/L	0.004	0.004
Manganese (Mn)	<	<	<	<	0.0002	0.00006	mg/L	0.0001	0.00001
Mercury (Hg)	<	<	<	<	<	<	mg/L	0.00002	0.0001
Molybdenum (Mo)	<	<	<	<	<	<	mg/L	0.00006	0.00001
Nickel (Ni)	<	0.00007	<	0.00007	0.00016	<	mg/L	0.00006	0.0001
Potassium (K)	<	<	<	<	<	<	mg/L	0.02	0.01
Selenium (Se)	<	<	<	<	<	<	mg/L	0.0001	0.001
Silicon (Si)	<	<	<	0.3	0.1	<	mg/L	0.1	0.01
Silver (Ag)	<	<	<	<	<	<	mg/L	0.0001	0.00001
Sodium (Na)	0.007	0.19	0.341	0.423	0.461	<	mg/L	0.005	0.01
Strontium (Sr)	0.0004	<	0.0001	0.0002	0.0002	<	mg/L	0.0001	0.0001
Thallium (Tl)	NA	NA	NA	NA	NA	<	mg/L	---	0.00001
Tin (Sn)	<	<	<	0.0035	<	<	mg/L	0.0001	0.0005
Titanium (Ti)	NA	NA	NA	NA	NA	<	mg/L	---	0.0001
Uranium (U)	<	<	<	<	<	<	mg/L	0.00005	0.00002
Vanadium (V)	<	<	<	<	<	<	mg/L	0.00005	0.0002
Zinc (Zn)	<	0.0019	<	0.002	0.0031	<	mg/L	0.0008	0.009

< denotes result below detection level

Due to elevated levels of suspended solids, Low Level Analysis was conducted

NA=Not Analyzed

Above or Below (pH only) CCME Guidelines

APPENDIX B3. FILTER BLANK RESULTS OF ROCHE BAY, 2006 & 2007

APPENDIX B3. FILTER BLANK RESULTS OF ROCHE BAY, 2006 & 2007

Analyte	Jun-06	Jul-06	Aug-06	Jun-07	Jul-07	Aug-07	UNITS	Ultra-Low Level Detection Limits	
								ALS*	SGS**
Major Ions, Nutrients and Inorganics									
Chloride (Cl)	NA	NA	NA	NA	NA	NA	mg/L	1	0.2
Fluoride (F)	NA	NA	NA	NA	NA	NA	mg/L	0.05	0.06
Calcium (Ca)	NA	NA	NA	NA	NA	NA	mg/L	0.5	---
Potassium (K)	NA	NA	NA	NA	NA	NA	mg/L	0.1	---
Magnesium (Mg)	NA	NA	NA	NA	NA	NA	mg/L	0.1	---
Sodium (Na)	NA	NA	NA	NA	NA	NA	mg/L	1	---
Ion Balance	NA	NA	NA	NA	NA	NA	%	---	---
TDS (Calculated)	NA	NA	NA	NA	NA	NA	mg/L	---	---
Hardness (as CaCO3)	NA	NA	NA	NA	NA	NA	mg/L	---	0.5
Iron-Extractable	NA	NA	NA	NA	NA	NA	mg/L	0.05	0.01
Manganese-Extractable	NA	NA	NA	NA	NA	NA	mg/L	0.01	0.001
Nitrate+Nitrite-N	NA	NA	NA	NA	NA	NA	mg/L	0.006	0.06
Nitrate-N	NA	NA	NA	NA	NA	NA	mg/L	0.006	0.05
Nitrite-N	NA	NA	NA	NA	NA	NA	mg/L	0.002	0.06
Sulfate (SO4)	NA	NA	NA	NA	NA	NA	mg/L	0.05	0.5
pH	NA	NA	NA	NA	NA	NA	pH	0.1	0.05
Conductivity (EC)	NA	NA	NA	NA	NA	NA	µS/cm	0.2	1
Bicarbonate (HCO3)	NA	NA	NA	NA	NA	NA	mg/L	5	2
Carbonate (CO3)	NA	NA	NA	NA	NA	NA	mg/L	5	2
Hydroxide (OH)	NA	NA	NA	NA	NA	NA	mg/L	5	2
Alkalinity, Total (as CaCO3)	NA	NA	NA	NA	NA	NA	mg/L	5	2
Ammonia-N	NA	NA	NA	NA	NA	NA	mg/L	0.005	0.1
Phosphorus, Total	NA	NA	NA	NA	NA	NA	mg/L	0.001	0.01
Total Organic Carbon	NA	NA	NA	NA	NA	NA	mg/L	1	1
Total Suspended Solids	NA	NA	NA	NA	NA	NA	mg/L	3	1
Turbidity	NA	NA	NA	NA	NA	NA	NTU	0.1	0.13
Total Metals									
Aluminum (Al)	NA	NA	NA	NA	NA	NA	mg/L	0.0003	0.008
Antimony (Sb)	NA	NA	NA	NA	NA	NA	mg/L	0.00003	0.00007
Arsenic (As)	NA	NA	NA	NA	NA	NA	mg/L	0.00003	0.0005
Barium (Ba)	NA	NA	NA	NA	NA	NA	mg/L	0.00005	0.00001
Beryllium (Be)	NA	NA	NA	NA	NA	NA	mg/L	0.0002	0.00002
Bismuth (Bi)	NA	NA	NA	NA	NA	NA	mg/L	0.00003	0.00002
Boron (B)	NA	NA	NA	NA	NA	NA	mg/L	0.001	0.0002
Cadmium (Cd)	NA	NA	NA	NA	NA	NA	mg/L	0.00005	0.000003
Calcium (Ca)	NA	NA	NA	NA	NA	NA	mg/L	0.02	0.04
Chromium (Cr)	NA	NA	NA	NA	NA	NA	mg/L	0.00006	0.0005
Cobalt (Co)	NA	NA	NA	NA	NA	NA	mg/L	0.0001	0.000002
Copper (Cu)	NA	NA	NA	NA	NA	NA	mg/L	0.0006	0.0008
Iron (Fe)	NA	NA	NA	NA	NA	NA	mg/L	0.005	0.01
Lead (Pb)	NA	NA	NA	NA	NA	NA	mg/L	0.00005	0.00002
Lithium (Li)	NA	NA	NA	NA	NA	NA	mg/L	0.0001	0.002
Magnesium (Mg)	NA	NA	NA	NA	NA	NA	mg/L	0.004	0.004
Manganese (Mn)	NA	NA	NA	NA	NA	NA	mg/L	0.0001	0.00001
Mercury (Hg)	NA	NA	NA	NA	NA	NA	mg/L	0.00002	0.0001
Molybdenum (Mo)	NA	NA	NA	NA	NA	NA	mg/L	0.00006	0.00001
Nickel (Ni)	NA	NA	NA	NA	NA	NA	mg/L	0.00006	0.0001
Potassium (K)	NA	NA	NA	NA	NA	NA	mg/L	0.02	0.01
Selenium (Se)	NA	NA	NA	NA	NA	NA	mg/L	0.0001	0.001
Silicon (Si)	NA	NA	NA	NA	NA	NA	mg/L	0.1	0.01
Silver (Ag)	NA	NA	NA	NA	NA	NA	mg/L	0.0001	0.00001
Sodium (Na)	NA	NA	NA	NA	NA	NA	mg/L	0.005	0.01
Strontium (Sr)	NA	NA	NA	NA	NA	NA	mg/L	0.0001	0.0001
Thallium (Tl)	NA	NA	NA	NA	NA	NA	mg/L	---	0.00001
Tin (Sn)	NA	NA	NA	NA	NA	NA	mg/L	0.0001	0.0005
Titanium (Ti)	NA	NA	NA	NA	NA	NA	mg/L	---	0.0001
Uranium (U)	NA	NA	NA	NA	NA	NA	mg/L	0.00005	0.00002
Vanadium (V)	NA	NA	NA	NA	NA	NA	mg/L	0.00005	0.0002
Zinc (Zn)	NA	NA	NA	NA	NA	NA	mg/L	0.0008	0.009
Dissolved Metals									
Aluminum (Al)	0.0003	0.0008	NS	<	<	NS	mg/L	0.0003	0.008
Antimony (Sb)	0.0004	0.00071	NS	<	<	NS	mg/L	0.00003	0.00007
Arsenic (As)	<	<	NS	<	<	NS	mg/L	0.00003	0.0005
Barium (Ba)	0.00008	0.00008	NS	<	<	NS	mg/L	0.00005	0.00001
Beryllium (Be)	<	<	NS	<	<	NS	mg/L	0.0002	0.00002
Bismuth (Bi)	NA	<	NS	<	<	NS	mg/L	0.00003	0.00002
Boron (B)	<	<	NS	<	<	NS	mg/L	0.001	0.0002
Cadmium (Cd)	<	<	NS	<	<	NS	mg/L	0.00005	0.000003
Calcium (Ca)	0.21	0.1	NS	0.09	0.06	NS	mg/L	0.02	0.04
Chromium (Cr)	<	0.00018	NS	<	0.00008	NS	mg/L	0.00006	0.0005
Cobalt (Co)	<	<	NS	<	<	NS	mg/L	0.0001	0.000002
Copper (Cu)	<	<	NS	<	<	NS	mg/L	0.0006	0.0008
Iron (Fe)	<	<	NS	<	<	NS	mg/L	0.005	0.01
Lead (Pb)	<	<	NS	<	<	NS	mg/L	0.00005	0.00002
Lithium (Li)	NA	NA	NS	<	<	NS	mg/L	0.0001	0.002
Magnesium (Mg)	0.044	<	NS	<	<	NS	mg/L	0.004	0.004
Manganese (Mn)	<	0.0001	NS	<	<	NS	mg/L	0.0001	0.00001
Mercury (Hg)	<	<	NS	<	<	NS	mg/L	0.00002	0.0001
Molybdenum (Mo)	<	<	NS	<	<	NS	mg/L	0.00006	0.00001
Nickel (Ni)	<	0.00033	NS	0.00011	0.00012	NS	mg/L	0.00006	0.0001
Potassium (K)	<	0.02	NS	<	<	NS	mg/L	0.02	0.01
Selenium (Se)	<	<	NS	<	<	NS	mg/L	0.0001	0.001
Silicon (Si)	NA	NA	NS	<	<	NS	mg/L	0.1	0.01
Silver (Ag)	<	<	NS	<	<	NS	mg/L	0.0001	0.00001
Sodium (Na)	0.04	0.114	NS	0.032	0.035	NS	mg/L	0.005	0.01
Strontium (Sr)	0.0006	0.0003	NS	<	<	NS	mg/L	0.0001	0.0001
Thallium (Tl)	NA	NA	NA	NA	NA	NA	---	---	0.00001
Tin (Sn)	NA	NA	NS	<	<	NS	mg/L	0.0001	0.0005
Titanium (Ti)	NA	NA	NA	NA	NA	NA	---	---	0.0001
Uranium (U)	<	<	NS	<	<	NS	mg/L	0.00005	0.00002
Vanadium (V)	<	<	NS	<	<	NS	mg/L	0.00005	0.0002
Zinc (Zn)	<	0.0046	NS	0.0027	0.0042	NS	mg/L	0.0008	0.009

< denotes result below detection level

Due to elevated levels of suspended solids, Low Level Analysis was conducted

NA=Not Analyzed

NS=Not Submitted

APPENDIX

APPENDIX C FORMER AND CURRENT WATER QUALITY STATION NAMES

APPENDIX C. FORMER AND CURRENT WATER QUALITY STATION NAMES

Jun-06	Jul-06	Aug-06	Jun-07	Jul-07	Aug-07	Comments	2008
WQ1	WQ1	WQ1	WQ1	WQ1	WQ1		WS1
WQ2	WQ2	WQ2	WQ2	WQ2	WQ2		WS2
WQ3	WQ3	WQ3	WQ3	WQ3	WQ3		WS3
WQ4	WQ4	WQ4	WQ4	WQ4	WQ4	Omitted from Program	WS4
WQ5	WQ5	WQ5	WQ5	WQ5	WQ5		WS5
WQ6	WQ6	WQ6	WQ6	WQ6	WQ6		WS6
WQ7	WQ7	WQ7	WQ7	WQ7	WQ7		WS7
WQ8	WQ8	WQ8	WQ8	WQ8	WQ8	Omitted from Program	WS8
WQ9	WQ9	WQ9	WQ9	WQ9	WQ9		WS9
WQ10	WQ10	WQ10	WQ10	WQ10	WQ10		WS10
WQ11	WQ11	WQ11	WQ11	WQ11	WQ11		WS11
WQ12	WQ12	WQ12	WQ12	WQ12	WQ12		WS12
WQ13	WQ13	WQ13	WQ13	WQ13	WQ13		WS13
WQ14	WQ14	WQ14	WQ14	WQ14	WQ14		WS14
WQ15	WQ15	WQ15	WQ15	WQ15	WQ15		WS15
---	---	---	GW1	GW1	GW1		WS16
---	---	---	GW2	GW2	GW2		WS17
---	---	---	GW3	GW3	GW3		WS18
---	---	---	GW4	GW4	GW4		WS19
---	---	---	GW5	GW5	GW5		WS20
---	---	---	GW6	GW6	GW6		WS21
---	---	---	GW7	GW7	GW7		WS22
---	---	---	GW9	GW9	GW9		WS23
---	---	---	GW11	GW11	GW11		WS24
---	---	---	---	GW12 July07	GW12 July07		WS25
---	---	---	GW13	GW13	GW13		WS26
---	---	---	---	GW14	GW14		WS27
---	---	---	---	GW15	GW15		WS28
---	---	---	---	GW16	GW16		WS29
---	---	---	---	GW17	GW17		WS30

Sampled Stations

2008 To Be Sampled