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Report

Deloitte and Touche Inc.

Anvil Range Mine 2008 Groundwater Monitoring Report

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Deloitte & Touche Inc.

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Prepared by:

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February 18, 2009 Project Number: 80633

Doug Sedgewick
Deloitte and Touche Inc.
Via email:dsedgewick@deloitte.ca

Dear Mr. Sedgewick:

Re: 80633 – Anvil Range Mine - 2008 Groundwater Monitoring Report

We are pleased to present you with a copy of our report. Please do not hesitate to contact me at ext. 5724 should you have any questions. We thank you for the opportunity to work on this project.

Sincerely,
AECOM

Jay Cherian, M. Sc. (Candidate)
Environmental Scientist/Hydrogeologist

Signature Page

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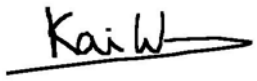	
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Executive Summary

The Anvil Range Mine produced lead and zinc concentrates from 1969 to 1998, when it closed permanently. The mine facilities include 3 large open pits, rock piles, tailing impoundments, a processing plant and the entire associated infrastructure. A comprehensive network of groundwater monitoring wells are installed within and downgradient of rock piles and tailings impoundments. The monitoring wells are a requirement of the Water Licence and also provide valuable information for reclamation planning.

All of the monitoring wells that are named in the Water Licence are routinely monitored at least twice per year (spring and fall) as required. Additional monitoring is also completed to meet the needs of reclamation planning projects and, also, of the Adaptive Management Plan that forms part of the Water Licence.

A total of four groundwater monitoring events were completed by AECOM (formerly Gartner Lee Limited), including:

1. Routine bi-annual groundwater sampling (May/June and October) of all Water Licence wells; and
2. Adaptive Management Plan (AMP) sampling of select wells (August and November).
3. Sampling of other wells related to reclamation planning at the request of various project managers (concurrent with above sampling events).

The field and laboratory data for all of the above are included in this report.

A summary of the 2008 monitoring events is as follows:

- Wells were monitored as required or requested, except for dry or frozen wells, and for wells that were being set up for a pumping test (testing of these wells were deferred to the next sampling event);
- QA/QC results of the laboratory analyses are acceptable, and all QA/QC of data is on-going as the data undergoes further review by AECOM and other users;
- SRK consulting drilled new wells in the S-Well area and various other locations around site; these wells were sampled as part of the November 2008 sampling event;
- An investigation into monitoring wells installed in 1987 upgradient of the tailings impoundment was completed to expand the data monitoring set. Thirteen wells were identified and five were sampled;
- Various 2007 recommendations regarding the physical condition of the wells were followed up with; and
- A topographic survey of recent and historic groundwater monitoring wells was conducted by Yukon Engineering Services in August 2008.

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1. Introduction

The Anvil Range mine, located in the central Yukon approximately 200 km NNE of the City of Whitehorse, was an open pit lead and zinc mine that produced lead and zinc mineral concentrates. Mining and milling activities were suspended in January 1998 and the owner, Anvil Range Mining Corporation, entered into receivership in April 1998. Since that time, the site has been under the management of Deloitte & Touche Inc., acting as court-appointed Interim Receiver for Anvil Range Mining Corporation (the "Interim Receiver"). While Deloitte and Touche continued to ensure that issues stemming from site care and maintenance and from the Water Licence were addressed in 2008, long term planning and closure issues were transferred to the Yukon Government in 2008.

The mine facilities include three large open pits, rock piles, tailing impoundments, a processing plant and the entire associated infrastructure. A comprehensive network of groundwater monitoring wells are installed within and downgradient of rock piles and tailings impoundments. The monitoring wells are a requirement of the Water Licence and also provide valuable information for reclamation planning.

All of the monitoring wells that are named in the Water Licence and are deemed in good operational condition [note decommissioning of P01 wells in 2005 (RGC, 2006) in report sections contained herein] are routinely monitored at least twice per year (spring and fall) as required. Additional monitoring is also completed to meet the needs of reclamation planning projects and, also, of the Adaptive Management Plan that was submitted to the Yukon Water Board as part of the Water Licence requirements.

The locations of all monitoring wells at the site are shown on Figures 1 – 6, included in the Figures section of this document.

The oldest monitoring wells on the site that remain operable were installed in 1981. Replacement wells were installed in 1996 for some damaged or lost wells. In 2001, a comprehensive hydrogeological and geochemical investigation of the Rose Creek Tailings facility was conducted that resulted in the installation of twenty-two groundwater monitoring wells at eleven locations in and downgradient of the tailings impoundments. In 2003, a drilling and coring investigation was undertaken using sonic drilling technology to obtain detailed stratigraphic information from ground surface down to bedrock. As part of this program, 76 additional groundwater sampling points were installed at nine locations within and downgradient of the tailings impoundments. In 2004 and 2005, new groundwater monitoring wells were installed as part of a series of reclamation planning studies. In 2005, seventeen of the wells installed in 2001 were decommissioned due to operational issues. A comprehensive review of recent groundwater monitoring data collected between 2005 and mid-2007 was completed in draft form by Robertson GeoConsultants Inc. (RGC, 2007) in 2007. Observations and recommendations listed in the draft review report and in the 2007 Groundwater Monitoring Report (GLL, 2007) were reviewed in 2008.

A monitoring program was developed, identifying the frequency of monitoring at each well location, and for which points, where several monitoring depths were to be considered. The monitoring was revised at intervals, to include new wells, additional monitoring requests, and based on the well conditions. In 2008, the monitoring program was revised based on observations by GLL (now AECOM) samplers,

recommendations from past Annual Groundwater reports (GLL, 2006, GLL 2007), from the RGC draft review (RGC, 2007), from comments on that draft review (GLL, 2008), on recommendations from SRK Consulting stemming from special projects at the site, and based on a May 2008 discussion with representatives from Deloitte and Touche (Interim Receiver), the Faro Project Management Technical Advisory Team SRK Consulting, RGC and GLL (now AECOM) in attendance. [Note that as of Oct. 1, 2008 Gartner Lee Limited began working as AECOM, but since the majority of groundwater sampling took place under the name of Gartner Lee Ltd. (GLL), AECOM is sometimes referenced as Gartner Lee or GLL in this report].

As part of a follow-up to these issues, a topographic survey of current and historic wells on site was conducted by Yukon Engineering Services in August 2008. In 2008, several additional wells were installed by SRK to investigate triggers activated through the AMP assessments and for closure planning studies.

Analytical reports, from all the groundwater sampled by Gartner Lee Ltd. (now AECOM) in 2008, is included in this report. Other agencies have collected samples from some of the wells (for example SRK in the course of closure planning or addressing AMP triggered events) and the results were included in this report, where possible. All the wells monitored by AECOM in 2008 are specifically listed in Table 1, along with sampling dates, and their locations are shown in Figures 2 – 6. A listing of well construction details, where available, is included in Table 2.

In 2008, routine Water Licence groundwater sampling occurred during two field visits:

- May 27th to June 5th, 2008: Of the 124 targeted samples to be collected during this event, 111 samples, including 4 split samples and 4 replicate samples, were collected;
- September 16th to 19th, 2008: A total of 98 stations were targeted for sampling and 85 samples, including 1 split sample and 5 field replicates, were collected.

Wells X24-96 and X25-96, and P03-04, P03-08, and P03-09 also included in the spring and fall sampling, are required for additional sampling as part of an Adaptive Management Plan (AMP). The wells identified as part of the AMP were sampled four times in 2008:

- May/June (concurrent with Water Licence sampling; see above for number of samples collected);
- August 12th to13th, 2008: Of the 21 targeted samples, 21 samples were collected, including 1 split sample and 1 field replicate.
- September (concurrent with Water Licence sampling; see above for number of samples collected)
- November 3rd to 5th, 2008: 38 samples, including 3 field replicates, were collected from 47 targeted groundwater monitoring stations.

This report is a factual report, which provides a summary of the 2008 field activities and data. This report is not intended to provide an assessment of trends or variances in the data. Consequently, users of the data are cautioned to assess the data for anomalies that may emerge as trend and variance analyses are undertaken. Any potential anomalies in the data that were observed during the preparation of this report have been identified herein, as an aid to users of the data.

2. Quality Assurance and Quality Control

The definition of quality assurance (QA) is "a system of activities whose purpose is to provide the producer or user of a product or service the assurance that it meets defined standards of quality with a stated level of confidence". Separate QA programs exist for both the field sampling procedures (collection, preservation, filtration, and shipping components) and analytical procedures (laboratory component). Therefore, QA is essentially the management system that operates to ensure credible results. The quality control (QC) component of this system is a set of activities intended to control the quality of the data from collection through to analysis. It consists of the adherence to written protocols; up-to-date and suitable training of personnel; the use of reliable, well maintained and properly calibrated equipment; the regular use of QC samples (blanks, reference samples, spikes and replicates); and diligent record keeping.

The field QA program is a series of basic precautions that are necessary to maximize the accuracy by reducing introduced variability to ensure the program's success. These precautions are generally a matter of ensuring the field staff maintain consistency and are diligent while in the process of collecting, preserving, filtering and shipping samples. The QC component is incorporated to minimize potential imprecision and bias in the data.

QC samples collected during the 2008 field program consist of the following:

- Field Splits and Field Replicates – assessment of laboratory repeatability and sampling variability, respectively
- Laboratory Replicates – assessment of analytical precision

QA/QC results are discussed in the following sections. Additionally, the reader is referred to the original Laboratory reports in Appendix A and the QA/QC of 2008 Samples in Appendix B.

2.1 General QA/QC Measures

The following quality assurance and quality control (QA/QC) procedures were incorporated into the 2008 sampling events:

1. Wells were purged to remove standing water from the well prior to sampling and to ensure sampling of fresh formation water. This consisted of either pumping the well dry or removing approximately three well volumes from conventional wells and at least one well volume from small diameter multi-level bundle wells. In most cases, field parameters were monitored as the well was purged. A comparison of samples collected from multi-level wells (either by Environment Canada or GLL, now AECOM) after one to three well volumes revealed that one well volume was sufficient purge volume for the multi-levels, as described in the 2005 groundwater sampling report.
2. To reduce the risk of cross-contamination, samples were collected in order of least potentially contaminated to most potentially contaminated, as practical. In areas of nested monitors, deeper monitors screened in the aquifer were purged and sampled prior to monitors in tailings.

3. All samples collected for dissolved metals analyses were filtered and preserved in the field, immediately after sampling. New, sterile disposable 0.45-micron filters were used to filter each sample immediately after collection.
4. Field measurements of pH, conductivity and temperature were recorded. The pH and conductivity probes were calibrated daily. Calibration was verified periodically in the field.
5. Extreme caution was exercised when handling sampling equipment and working at sites with exposed tailings at surface to minimize the risk of possible contamination from tailings during sample collection and handling.
6. Field split samples and field replicates were collected. Split samples are collected using the same filtering equipment and by splitting the sampling stream between individual bottles to obtain two or more identical samples. This was done to verify laboratory repeatability. Replicate samples are separate samples taken immediately after the original sample using identical sampling methods, but different filtering equipment. Replicates are taken to assess sample variability during collection and analysis.
7. Following sample collection, all samples were stored in a cooler with ice packs and transported to the laboratory within the allotted holding periods. Maxxam Analytics of Burnaby, BC, a member of the Canadian Association for Environmental Analytical Laboratories (CAEAL), conducted all water analyses on all of the samples except the May/June monitoring event, which were analyzed by ALS Environmental. The switch in labs was prompted in part at least to ensure adequately low detection limits for metals analysis.
8. Internal laboratory QA/QC procedures were also maintained by ALS Environmental and Maxxam Analytics (as reported in the laboratory reports provided in Appendix A).
9. Prior to posting water quality data to the database, results were screened for high or low results in comparison to previous results, and for ion charge balances. Field and lab pH values and conductivity values were compared prior to finalising this report. Where errors were observed, steps were taken to correct the errors prior to posting the database.

2.1.1 Chain of Custody Reports

Chain of Custody Reports are completed for the samples submitted for analysis for the purpose of tracking the samples collected and to ensure that the parties involved were properly informed as to the nature of the samples. These reports were made up prior to delivering the samples to the laboratory and normally include the following information: project number; sample ID's, type of analysis required, sampling date and time, matrix sampled, sampler's name, and Project Manager's name. The QA/QC samples are placed in coolers with ice and submitted to the analytical laboratory along with the Chain of Custody forms. Copies of the Chain of Custody forms are retained in AECOM's project files and are used by the lab as a guide to complete the analytical laboratory reports.

2.2 Water Quality

2.2.1 Field Split and Replicate Samples

Field split and replicate samples were collected and analyzed for approximately 10% of groundwater samples collected in the field. Analysis of field QA/QC samples are summarized in Appendix B and include the determination of the Relative Percent Difference (discussed in section 2.3) between samples. The field QA/QC sample collection for the 2008 season is summarized below:

- During the May/June 2008 (spring) groundwater sampling event, 111 samples including 4 split samples and 4 replicate samples were collected. The entire sample set, in this case, included samples from the Rose Creek Tailings Facility, including the multilevel wells and all conventional wells in the Rose Creek Tailings Impoundment, and groundwater monitoring wells across the remainder of the property (Table 1., Table 3.).
- During the August 2008 (summer AMP) groundwater sampling event, 21 samples including 1 split sample and 1 field replicate and were collected. The sample set consisted of 16 samples collected for the AMP program and 5 samples collected for the 2008 additional S-Cluster Sampling Program.
- During the September 2008 (fall) groundwater sampling event, a total of 85 samples including 1 split sample and 5 field replicates were collected. The sample set during the fall 2008 sampling event included most conventional wells constructed prior to 2001, the multilevel wells constructed in 2003 and some of the wells installed in 2004 and 2005.
- During the November 2008 (fall/winter AMP) groundwater sampling, 38 samples including 3 field replicates were collected. Of the samples collected, 5 were for the additional S-cluster monitoring, and 12 were for the new 2008 SRK Medium and High priority well sampling.

2.2.2 Laboratory Replicates

Laboratory replicates are samples analyzed randomly by the laboratory for their own internal QA/QC. The purpose of these samples is to determine the precision and reproducibility of the laboratory sample analyses. Analysis of laboratory replicated data for groundwater samples are summarized in Appendix A and includes the determination of Relative Percent Difference (RPD) between samples (a discussion RPD is outlined is Section 2.3).

2.3 Relative Percent Difference Analysis

To assess analytical variability, split samples were used to calculate the relative percent difference (RPD). RPD is defined as the following:

$$\%RPD = \frac{2(X_1 - X_2)}{(X_1 + X_2)} * 100$$

Where: X_1 = The concentration of the first sample;
X_2 = The concentration of the second sample (i.e. the split sample).

The Relative Percent Difference (RPD) is the difference between the sample result and replicate (or split) result, divided by the average of the sample result and replicate result. An RPD of <50% can be used as a benchmark whereby an RPD of greater than 50% warrants further consideration, so long as both results being compared are greater than the Practical Quantitation Limit (PQL), where PQL is 5 times the Method Detection Limit (MDL). If one or both of the results are less than PQL, then RPD is not useful.

2.3.1 Relative Percent Difference – Field QA/QC Samples (Splits and Replicates)

Appendix B contains quality assurance data collected during each field episode. As shown in Appendix B, of the eight field QA/QC samples, none of the replicate or split samples reported parameters with RPD results greater than 50% in May/June, four reported parameter results greater than 50% RPD in August, 14 QAQC samples contained RPD results greater than 50% in September, and six reported parameter results greater than 50% in November.

It should be noted that no RPD result could be calculated for the Field Replicate collected at P03-08-08 in September due to the loss of the original sample at the lab.

Of those split and replicate samples with reported RPD results over 50%, the concentrations under consideration that were less than PQL, and therefore require no further investigation are the following:

- S1A, Aug ‘08, Copper and Silver
- S2A, Nov ’08, Molybdenum
- X21A-96, Sep ‘08, Silver
- X25A-96, Aug. ’08, Iron
- X25B-96, Sep ’08, Lead and Zinc
- BH8, Sep ’08, Silicon
- P96-7, Sep ’08, Aluminum and Lead
- P03-09-07, Nov ’08, Lead
- P03-09-08, Sep ’08, Lead
- SRK08-SP-7B Nov ’08, Lead

RPD values greater than 50% and which met PQL restrictions are as follows:

- S1A, Aug ’08, iron
- S2A, Nov ’08, Iron and Nickel
- X21A-96, Sep ’08, Lead
- BH8, Sep ’08, Aluminum, Arsenic, Beryllium, Copper, Lead and Uranium
- P03-09-07, Nov ’08, Aluminum

The above sampling locations should be targeted for future QA/QC monitoring, in order to confirm or refute the results obtained above.

2.3.2 Relative Percent Difference – Lab QA/QC Samples

Laboratory QA/QC replicate results can be found in Appendix A, at the back of each report. Between two and seven samples were analyzed for select parameters within each laboratory report. The internal laboratory RPD limit was set at 20, where all samples analyzed were below this QC limit, suggesting adequate analytical precision.

2.4 Data QA/QC Prior to Posting to Database

The following outlines QA/QC procedures undertaken by GLL prior to posting water quality results to the database:

1. An ion charge balance function was built into the water database in 2008, and prior to posting water quality data the ion charge balance was reviewed. Samples with balances with variances greater than approximately 15% were looked into in more detail. In some cases, errors were noticed and the lab was contacted to revisit the results. Revised lab reports were issued and corrected results were entered into the database, prior to posting results. At some sites, despite ion balances with variances greater than 25%, lab error was not found. It is recommended that QA/QC protocols continue to be developed, perhaps using dissolved sulphur rather than sulphate for the anion portion of calculations to capture possible other sulphur compounds that may be present at some sites.
2. Prior to entering water quality results into the database, values were tested against the range of historic values found at the site. Values that were large or small in comparison with historic ranges were flagged and the results reviewed. Where errors were found in review, these were corrected prior to posting the results in the database. A limitation of this QA/QC method is that for many metals, winter concentrations are observed to be higher than summer concentrations, and therefore erroneous values can escape detection when an erroneous summer value does not exceed values observed in winter.

Prior to finalising the results for this report, the groundwater results were again checked as follows:

1. Field and lab pHs were compared:
   - Approximately 20% of lab pH values were found to exceed field pH values by more than 1 unit (no samples exceeded by more than 2 units). The observed increase in pH from the field to the lab in 20% of samples may be due to carbon dioxide loss from the groundwater sample during transport.
   - Approximately 5% of lab pH values were found to be less than field pH values by more than 1 unit. In 5 of the 245 samples where the field and lab pHs could be compared, lab pHs were found to be less that field pH by more than 2 units. It is thought that these results are nevertheless correct, since the samples were collected on different dates at the same few sites (P03-01-07, P03-01-08 and X21A-96). It was suggested that a decrease in pH may be observed in reduced samples during transport due to iron oxidation (RGC, 2007).
2. Field and lab conductivities were compared and where large discrepancies were observed (greater than 15% difference) results were reviewed. Any errors found were corrected.

3. 2008 Water Levels

All water level data for 2008 available to AECOM at the time of writing of this report are included in Tables 4 and 5. AECOM collected these data during routine, AMP and special program sampling. All water levels were measured prior to sampling of the wells.

4. 2008 Groundwater Quality Data

Analytical results, including field parameters for 2008 groundwater sampling are presented in Table 6. The reported results include samples taken by site staff, AECOM and by SRK Consulting. All of the available groundwater quality data were input directly from lab results and were subject to QA/QC procedures (as noted above) prior to entering them into the database.

One well, SRK05-09 (Moosew2), was also sampled by mine staff as part of the AMP component for the Vangorda mine assessment. This data is provided to AECOM and imported to the database used for compilation of water quality data. Differences noted previous to 2008 in dissolved metal concentrations between those samples collected by AECOM and mine staff at this location, likely stem from the fact that site staff do not filter or preserve their samples while AECOM collected samples are both filtered and preserved. Data from the AMP sampling are presented in this report and described more thoroughly through reporting on the AMP Program.

5. Field Logistics and Sampling Issues

The following provides a summary of major observations in 2008 and maintenance activities from 2008. In addition, Table 1 shows which wells were sampled, and when, along with brief explanations when wells were not sampled. Further, more detailed information is provided in memos found in Appendix C. Maps showing the location of the current network of wells monitored by AECOM (and other additional wells) are presented in Figures 2 to 6. The observations are organized according to areas in which the wells are located. Issues and/or program changes from the previous year, within each area, are documented below:

5.1 Original Tailings Impoundment

No wells in the original tailings impoundment (Figure 3) were monitored in 2008.

- **P03-07 –** As summarized in the 2006 groundwater monitoring report, most monitors at this location are usually frozen. Only one point (P03-07-05) could be sampled in 2007. Sampling at this point was discontinued in 2008 on the recommendation of RGC (2007) since the points of the multi-level well were often frozen.

5.2 Second Impoundment Southeast Corner

The wells monitored in the southeast corner of the second impoundment are multi-level wells P03-01, and P03-03 (Figure 3).

- **P03-02** – Sampling at this location was discontinued in 2008 as recommended by RGC (2007) since it was thought there were sufficient data collection sites in the second tailings impoundment without including this well. In addition, refer to the next comment pulled forward from previous Annual Groundwater Reports with respect to sampling at port 6. As noted in the Memorandum concerning the RGC (2007) review from GLL (now AECOM) (Jan, 2008a), this well is relatively quick to sample, especially the shallow the ports, and remains a potential sampling site.

    - **P03-02-06** - Degassing of the formation or production of gas also occurred at this location during sampling in June of 2006. Bubbling of gas up the sample tube caused airlifting of groundwater to the top of the tube and out of the protective steel casing. This sample point was not sampled in 2007, nor in 2008. As recommended for P03-03-07, this well should not be sampled in the future (well was capped and flagged as such in June 2007) or at least until the cause of gas production has been determined.

- **P03-03 –** Groundwater quality currently under review for possible effects from well P01-09, which was decommissioned in the fall of 2005 (RGC, 2006) and this should be considered when using this data. Wells were sampled at this location in May/June and September of 2008.

- **P03-03-07 –** Degassing of the formation or production of gas occurred for over eight hours immediately following sampling in May of 2005. Bubbling of gas up the sample tube caused airlifting of groundwater to the top of the tube and out of the protective steel casing. The cause for this has not been determined. For health and safety reasons, the well was therefore not sampled in 2006 or 2007 and it was recommended that this monitor not be sampled in the future. The well was capped and flagged to no longer sample from June 2007 forward.

5.3 Second Impoundment – Northern Section

The monitoring wells sampled in the northern section of the Second Impoundment include multi-level well P03-04 (on the secondary dam) and multi-level P03-06 (Figure 3).

- **P03-04-09** – This point is screened in the tailings and has slow recharge and therefore did not yield enough volume to sample in May/June.

- **P03-05 -** RGC recommended that P03-05 wells not be sample since there are sufficient secondary tailings point wells without these samples (RGC 2007). P03-05 wells were not sampled in 2008. It is not recommended that this well be decommissioned.

- **P03-06-06 and P03-06-07** – These points were not sampled during the May/June sampling event due to insufficient recharge.

5.4 Intermediate Impoundment

The monitoring wells that were sampled in the Intermediate Impoundment are X21-96 A/B (Figure 3) and multi-level well P03-08 (Figure 2.).

- **X21C-96 –** In 2008, the sampling at X21C-96 was discontinued. It has been noticed since 2004 that this well produces tailings. In 2006, this issue was discussed in more detail (GLL, 2007). This well is listed in the Water Licence. It was recommended by Gartner Lee (now AECOM) (2008b) and supported by RGC (2007) that this well be decommissioned and no longer monitored. It was also noted that a replacement well is not considered warranted at this time (RGC, 2007).

- **P03-08-02 –** Efforts should be made to remove tubing located at approximately 5 m depth, this may prove very difficult or even impossible given the small diameter of the sampling port. This monitoring point was not sampled during September sampling event.

5.5 Toe of Intermediate Dam

The monitoring wells sampled at the toe of the Intermediate Dam (up-gradient of the Cross-Valley Pond) are X24-96 A/D, X25-96 A/B, P01-03 and P01-04 A/B (Figure 2.). All wells were targeted for sampling in May/June and September 2008. Wells X24-96 and X25-96 were also sampled in August and November for the AMP program.

- **X24-96 B/C –** Wells were not sampled in 2007 due to operational issues and recommendations outlined by Gartner Lee (now AECOM) (2007). Based on field observations made by Gartner Lee (now AECOM) in 2007, it was recommended that these wells be decommissioned (RGC, 2007). Wells were not sampled in 2008 based on above recommendation.

- **X24A-96** – Well is suspected to have been compromised upon installation (RGC, 1996) and decommissioning should be considered based on the present condition. This conclusion is also supported by others (RGC, 2007). This well was however sampled for all four sampling events in 2008.

- **X24D-96 –** Only well from the nested X24-96 series that is recommended to remain operational for continued groundwater monitoring (RGC, 2007). This well was frozen during the May/June sampling event.

- **P01-03 –** Well was frozen during May/June sampling event.

- **P01-04 A/B –** Although sampling errors were noted for past sampling events (fall 2005, spring 2006), this error had been corrected by the 2007 sampling program. In 2008, as in 2007, it is thought that wells were correctly named. Both wells were frozen during the May/June sampling event.

5.6 Down Gradient of the Cross Valley Dam

The following wells are located downgradient of the Cross-Valley dam (down-gradient of the tailings impoundment): P01-01 A/B, P01-02 A/B, P03-09, P01-11, X16 A/B, X17 A/B, X18 A/B, P05-01, P05-02, P05-03 (Figure 2.). These wells were all sampled in 2008. In addition, there were several wells which were not sampled, these are MW1, MW2, PW1 and PW2 originally installed in 2005 for hydraulic testing and monitoring of the aquifer.

- **P01-02 B** – Riser pipe noted to be missing in May/June of 2007; well was sampled in May/ June 2008, but not in September; Riser pipe was still missing in 2008.

- **X17 A/B –** Trail leading to wells was cleared and well flagged in June 2007. X17B is a 3" well and was found to be open to the atmosphere in October 2007. It was therefore covered with a plastic pail to block the entrance of precipitation into the well. The plastic pail remained as the cover in 2008.

- **X18A/B –** Sampling tubing remains lodged in X18A but does not interfere with sampling methods; however, may yield an erroneous total depth to bottom of well from TOC (approximately a 2m difference).

- **P05-01** – P05-01 was frozen in May/June, RGC (2007) has noted was often the case in the past. This well was sampled in September.

5.7 Faro Rock Dump Area (South of Haul Road)

The wells monitored at the base of the Faro Rock Dumps and South of the Haul Road (Figure 4) are P96-7 (Figure 3), P96-8 A/B (Figure 3), S1 A/B, S2 A/B, S3. Piezometers DP1, DP2, DP3 and DP4 are also located near these wells in the North Fork of Rose Creek. A transect of wells (SRK05-SP-1 through SRK05-SP-6) are also monitored (Figure 4.). In the summer of 2008 eight piezometers and two pumping wells (SRK08-SPW1, SRK08-SPW2, SRK08-SBR1, SRK08-SBR2, SRK08-SBR3, SRK08-SBR4, SRK08-SP7A/B, and SRK08-SP8A/B) were installed in by SRK Consulting.

While it was recommended by SRK Consulting (2006) that water levels be measured once per month in all wells and drive points in this area. It was also recommended that quarterly water quality monitoring be undertaken at all of the wells and drive points. The Faro Project Management Technical Advisory Team held a conference call on May 1, 2008 at the Faro Mine Closure Offices, with representatives from SRK Consulting, Deloitte and Touche, RGC and GLL (now AECOM) in attendance. At this meeting, it was agreed that GLL (now AECOM) would add the sampling of four wells to the August and November sampling events program, and that the four additional wells would be determined in discussions subsequent to the May 1, 2008 conference call. Additional bi-annual sampling of five wells: S1 A, S2 B, S3, SRK05-SP-4B and SRK05-SP-5, was subsequently added to the groundwater sampling program.

Despite attempts to co-ordinate of the September sampling event scheduling to ensure that the sampling event would not coincide with SRK's work in the area, during the September sampling event, SRK was setting up for a pumping test and no wells in the area could be sampled with the exceptions of P96-7, P96-8 and SRK08-SPW1. Water elevations were, however, measured at the wells. Sampling of these wells was undertaken in November.

After discussions between SRK, Deloitte and Touche, and GLL (now AECOM) in the fall of 2008, it was decided that GLL would add the sampling of many of the wells installed in 2008 to the November sampling program, including all the wells added in the S-wells cluster area.

- **S2A** – As follow-up to previous recommendations (GLL, 2007), the coupling at ground surface for this well should be glued and sealed. The stick-up at S2A is quite high; therefore to facilitate sampling the stickup should be shortened by a reasonable length and the coupling should be glued. The 2008 topographic survey was undertaken before the scheduled fall well maintenance trip (note that it was unclear early in 2008, at the time when groundwater program planning was occurring, whether or not the wells survey would be conducted). Since the survey was taken to the top of the standpipe, the

standpipe was left at its original height in 2008. It is recommended that the standpipe be shortened in 2009, and the new stick-up recorded in the database.

- **SRK05-SP-6** – Well was dry during the May/June 2008 sampling event. The well could not be sampled in September due to the SRK pumping tests. This well was sampled in November.

- **P96-8A** – This well is located approximately one and a half kilometres northwest of the S-wells cluster, but still at the base of the Faro Rock Dump. Although it was recommended by RGC (2007) that sampling from this well be discontinued since it was screened in the same alluvium as P96-8B, this well was sampled and analyzed for hydrocarbons in May 2008 because hydrocarbon odours were observed previously during sampling at this well (GLL, 2008a). The results of hydrocarbon analyses are included in Appendix A and summarised in comparison to Yukon Contaminated Sites Regulations (YCSR) in Appendix C. Since Light Extractable Petroleum Hydrocarbons (LEPH) results at P96-8A (0.55 mg/L) exceeded YCSR (0.5 mg/L), it is recommended that monitoring at this well for hydrocarbons should be continued.

- **DP1, DP2, DP3 and DP4** – Sampling was discontinued in 2008. The decision not to sample the drive point wells was part of the decision made on the May 1, 2008 conference call. It is recommended that the condition of these drive points be checked in 2009, since they may have been damaged by ice.

- **SRK08-SPW1 –** This pumping well was sampled in September, although it was not part of the September event sampling program, since samples from other wells in the area could not be collected. The sample was collected during the pumping test.

- **SRK08-SPW2, SRK08-SBR1, SRK08-SBR2, SRK08-SBR3, SRK08-SBR4, and SRK08-SP8A/B** – Were sampled in November (rather than the targeted September, due to the SRK pumping tests).

- **SRK08-SP7A/B** – Were frozen in November and not sampled.

5.8 Faro Rock Dump Area (North of Haul Road – Zone II and North Area)

Wells monitored to the north of the haul road and downgradient of the Faro rock dumps in 2008 are P96-6, BH1, BH2, BH4, BH5, BH6, BH10 A/B, BH12 A/B, BH13 A/B, BH14 A/B (Figure 5.). Four piezometers were installed by SRK during the summer of 2008, SRK08-P12A/B and SRK08-P13A/B.

It was recommended by SRK that quarterly water level measurements be undertaken in all monitoring wells and drive points in the Zone 2 outwash area, along with stream flows and stream water quality (SRK, 2007). This recommendation was supported by RGC (2007). At the May 1, 2008 conference call discussed in the previous section, it was decided that the Yukon Government and Faro Project Management Team would follow up on this recommendation as a separate project. GLL (now AECOM) measured water levels at some of the wells in this area two times in 2008.

- **BH1** – An extension piece of 1" diameter was added to BH1 in May 2007, creating a stick-up of 0.88m above ground surface. It is not known whether this well was sheared at ground surface by mine equipment. The well was damaged again by the October 2007 sampling event, once again resulting in a very short stick-up of 0.085 m above ground surface (update has been accounted for in the water database). This well should be targeted for repair in 2009, concerning the stick-up and addition of a protective steel casing.

- **BH5** – This well was added to the monitoring program in 2008 as recommended by RGC (2007).

- **BH6** – While it was noted by RGC (2007) that BH6 was not regularly monitored, this well was sampled in 2007. Evidence of frost jacking (1.8 cm) as indicated by markings made in September 2007. Additional frost jacking was observed in May/June 2008. This well was sampled in 2008 as recommended by RGC (2007).

- **BH7 S/D –** Neither of these wells, sometimes referred to also as BH7 B/A, have protective steel casings. Water/ground staining lines are evident at the base of both wells within approximately 0.50 m of ground surface. It is suspected that frost jacking has compromised these wells. New evidence of frost jacking was noted at this location in spring 2007. It was outlined in the 2006 Groundwater Annual Report (GLL, 2007) that both wells at BH7 should be decommissioned. This conclusion was also supported by RGC, 2007, if a downhole camera inspection showed that the wells were damaged. These wells were not sampled in 2007, nor in 2008. In 2009, both wells at BH7 should be examined and conditions documented with a downhole camera if possible prior to decommissioning.

- **BH8 –** It was noted in RGC (2007) that BH-8 was infrequently sampled, and it was recommended that this well be sampled. There was insufficient recharge for sample collection during the May/June 2008 sampling event. A sample was collected in September 2008.

- **BH10 A/B –** Protective steel casing and wells are inclined at ground surface at an angle of approximately 34 degrees (from vertical). It has been determined that these wells were installed on an angle by design. BH10A/B were sampled successfully in 2008 during the May/June sampling event.

- **BH12 A** – Was dry in May/June and did not have sufficient recharge to sample in September.

- **BH13 A/B** – BH13A was dry and BH13B was frozen during the spring event and BH13B was frozen. BH13A had no recharge and BH13B was sampled in September.

- **BH14 A –** The 2008 topographical survey of the tops of casing should be verified for this well in 2009. It is possible that the survey was conducted to the top of waterra tubing that was protruding from the casing (by 0.032 m), as evidenced by a black mark left on the top the tubing but not on the casing, noted in the September monitoring event.

- **DP6** - Drive-point is located in the streambed of the North Fork of Rose Creek. Sampling was discontinued in 2007. While water levels were measured in spring of 2007, access constraints

prevented water level measurements in the fall of 2007. Water level measurements were not collected at this drive point in 2008, as it was not identified as part of a GLL (now AECOM) special monitoring program for 2008.

- **P96-6** – An attempt to re-glue a stick up piece was unsuccessful, as field staff reported site to be glued was too deep within steel casing to be accessible (prior to 2008). Well should be investigated for an alternate means of repair in 2009.

- **SRK08-P12A/B** – These two wells were sampled for the first time by GLL (now AECOM) as part of the November 2008 sampling event.

- **SRK08-P13A/B** – These two wells could not be sampled as part of the November 2008 sampling event because they were frozen.

5.9 Emergency Tailings Area (ETA)

The wells monitored within the ETA include SRK04-3A, SRK05-ETA-BR 1/2, and wells SRK08-P10A/B (installed adjacent to the ETA area in 2008 by SRK consulting). Monitoring wells ETA-05 1 through 5 were installed by SRK in 2004 and 2005 to supplement the monitoring network associated with the Faro Rock Dump area (Figure 3), however these wells are no longer sampled.

- **ETA05-4** – Well was frozen in May/June. Well was previously noted to have a hydrocarbon odour and sampled as such in October 2007 (GLL, 2008b).

- **ETA-05-1, ETA-05-2, ETA-05-3, ETA-05-5, SRK04-3B, SRK04-4** – Sampling was discontinued in 2008.

- **SRK04-3B** – Discontinued sampling in 2008 as recommended by RGC (2007).

- **SRK08-P10B** – Dry during the November sampling event.

5.10 Vangorda Rock Dump Area

The wells monitored near the Vangorda Rock Dump (Figure 4.) are P2001-03 and P2001-02A/B (previously referred to as P01-51 and P01-52 A/B respectively), V34, V35, V36 and V37.

- **P2001-03** – Sample unable to be obtained in September. The well is very deep with an approximate depth to water of 38 mbtoc. The hydrolift and Honda pump are therefore typically used to purge the well, however, field staff were unable to achieve any flow from the well.

5.11 Grum Rock Dump Area

The wells monitored near the Grum Rock Dump (Figure 4.) are P96-9A, SRK05-05C, SRK05-07, SRK05-08, SRK05-09 (also called “Moose w2”) and BH05-9B-R. Three wells were installed in the summer of 2008 by SRK, SRK08-P14, SRK08-P15, SRK08-P16. Well BH05-9B-R is a replacement well for well P96-9B which is now inoperable. The following issues were identified during the 2008 season**:**

- **SRK05-06** - Sampling was discontinued in 2008, as it was considered redundant with SRK05-09 (Moose w2) (RGC, 2007).

- **SRK04-5 A/B** – These wells are artesian and mechanical packers have been installed to prevent overflow of water. These packers are removed and reinstalled each time the wells are sampled. In May and October 2007, both packers were found with residual water (assumed precipitation, could be leakage of well water up through packer) above the packers, which had frozen in the wells. As a result, no samples were collected from these wells in 2007. Sampling was discontinued in 2008.

- **SRK08-P15** – Was not sampled in November due to difficult access caused by large amounts of snow.

6. 2008 Additional Studies

6.1 Additional data collection near TH86-17

It was recommended that a review of available hydrogeological information and field reconnaissance of existing wells and their condition in the vicinity of TH86-17 (upgradient of the tailings facility) be completed (RGC, 2007). Thirteen wells were identified in the vicinity of TH8617 through field reconnaissance in May/June 2008 and 5 were selected for sampling in 2008. A memo summarizing findings from the study of wells upgradient from the tailings pond is included in Appendix C, along with of the wells photos, a table summarizing what construction details were found and observed, and a Figure locating the wells (Figure C1).

TH86-13 and TH86-5 were sampled during the May/June sampling event. TH86-2, TH86-14 and TH86-15 were sampled during the September sampling event. The groundwater quality results for the above wells are presented in Table 6.

While these wells could potentially provide information about groundwater quality upgradient of the tailings impoundment, the condition of the wells is unknown, as are the well construction details, and it is therefore unclear whether or not useful information can be derived from the wells. Assessment of the water quality from the wells will provide a further indication of the potential of these wells for background water quality data.

6.2 Additional S-Well Monitoring

It was recommended that five wells (S1A, S2B, S3, SRK05-04B and SRK05-SP5) within the S-cluster area be monitored quarterly in 2008. These wells are routinely monitored bi-annually and included under the routine monitoring program.

The development of the 2008 monitoring program was discussed in Section 5.7 of this report. Since the monitoring program was developed in discussion with representatives of SRK and RGC, it can be assumed that the monitoring program met the objectives of the recommendations.

The S-Cluster wells sampling was completed concurrently with the AMP sampling events. The additional monitoring of the wells was completed in August and November. Sampling during the September field visit could not be completed due to a pumping test in progress by SRK consulting.

6.3 Additional Monitoring of SRK08 Wells

SRK consulting drilled 22 new wells on the mine site including ten wells in the S-Well area, four wells in the Zone II Pit area, three wells in the Grum rock dump, two adjacent to Guard house Creek, two adjacent to the ETA area, and one below the Faro Rock dump; these wells were sampled as part of the November 2008 sampling event. Wells SRK08-SP8A/B, SRK08-P11A/B and SRK08-SP13A/B were frozen in November. Well SRK08-P15 was not accessible during November due to snow. Well SRK08-P10B was dry and SRK08-P9 did not have enough recharge to sample.

6.4 Topographic Survey of Wells

Recommendations were provided in the 2007 Annual Groundwater Report (GLL, 2008b) on monitoring activities and in other Faro Mine Complex consultants' reports regarding conducting a topographic survey of the various groundwater monitoring wells on site. Through discussions with Deloitte and Touche, the Faro Project Management Team (Yukon Government) and other consultants, it was agreed that a topographic survey would be undertaken. Deloitte and Touche requested that GLL (now AECOM) contact Yukon Engineering Services to provide survey services and that Gartner Lee (now AECOM) manage the project. Yukon Engineering Services report is attached as Appendix D.

7. Recommendations

Various recommendations for implementation in 2009 are provided throughout the report and are summarized in this section.

7.1 Sampling Program

The 2008 groundwater program was developed based on water licence requirements, AMP monitoring requirements, and special program requirements in coordination with representatives from GLL (now AECOM), Deloitte and Touche, the Faro Closure Planning Office, SRK Consultants and RGC Inc.

In 2008, the sampling program was altered to reduce sampling frequency at some wells to annual, rather than bi-annual. It is recommended that water levels still be recorded on a biannual basis in 2009, at estimated high and low groundwater levels, to assist in providing a seasonal snapshot of hydraulic gradients. The importance of determining hydraulic gradients is noted by RGC (2007).

Further to the understanding of hydraulic gradients, it is recommended that the topographic survey data carried out in 2008 be made available to assess hydraulic gradients.

It is recommended that the parties involved in groundwater sampling and assessment, along with those conducting groundwater related special projects on-site collaborate to develop the 2009 sampling program and to ensure that sampling data collected by all parties is reported to and available through the database (assuming a solid QA/QC protocol is in place prior to data entry in the database).

7.2 General Care and Maintenance

In general, the physical condition of each monitoring well should be inspected during each sampling event; minor maintenance requirements should either be dealt with immediately if possible or planned for the next field program; serious maintenance or repairs should be communicated to the Interim Receiver with a recommended plan for resolution.

Recommendations from the 2007 Annual Groundwater Report and follow-up activities undertaken in 2008 are documented in Appendix C.

Some recommendations for maintenance and general due diligence activities in 2009 include:

- **P03-03-07** - Degassing of the formation or production of gas occurred for over eight hours immediately following sampling in May of 2005. Bubbling of gas up the sample tube caused airlifting of groundwater to the top of the tube and out of the protective steel casing. The cause for this has

not been determined. For health and safety reasons, the well was therefore not sampled in 2006 or 2007 and it was recommended that this monitor not be sampled in the future. The well was capped and flagged to no longer sample from June 2007 forward.

- **P03-08-02 –** Efforts should be made to remove tubing located at approximately 5 m depth, this may prove very difficult or even impossible given the small diameter of the sampling port.

- **P01-02 B** – Replace missing riser pipe and survey in new top of casing elevation.

- **X17B** – Place removable cap on X17B (3" well);

- **X18A –** Well has sampling tubing lodged at bottom of well. Significant effort may be required to remove the tubing. It is not suspected that this affects water quality, however it may introduce error in depth of well measurements.

- **S2A** - Requires coupling at ground surface to be glued/sealed and the stick-up shortened.

- **P96-8A** – Although it was recommended by RGC (2007) that sampling be discontinued at this well, since P96-8B is completed in the same soils, this well was sampled in 2008 and analysed for hydrocarbons due to odours observed in a 2007 sampling event. Since Light Extractable Petroleum Hydrocarbons (LEPH) results at P96-8A (0.55 mg/L) exceeded Yukon Contaminated Sites regulations (0.5 mg/L), it is recommended that monitoring at this well for hydrocarbons should be continued.

- **DP1 to DP4** – It is recommended that the condition of these wells be documented, since they may have been damaged by ice.

- **BH1** – Stick-up on 1" well should be fixed, complete with the addition of a protective steel casing at this location.

- **BH6** – Continue to document if frost-jacking occurred over winter and investigate integrity of well with downhole camera.

- **BH7 D/S** – Continue to document any changes in position and elevation of wells relative to ground surface until wells are properly decommission. Both wells at BH7 should be examined and conditions documented with a downhole camera if possible prior to decommissioning.

- **BH8** – As recommended by RGC (2007) sample collection from this well was added in 2008. As noted below, this well is recommended for replicate sampling in 2009.

- **BH10 A/B** – A determination should be made regarding the condition of the well and usefulness for site monitoring. It is currently not recommended that these wells be sampled or measured for water levels as field equipment has become stuck in the well during sampling attempts in 2006. Wells were

sampled in 2008, but it should noted that partial blockage below the water table within each well has previously been encountered.

- **BH14 A –** It is recommended that the 2008 topographic survey top of casing level be verified in 2009.

- **P96-6** – Attempt to glue stick-up coupling located at depth within outer steel casing was unsuccessful and an alternate means of repair should be investigated.

- **P96-9A** – Well should be examined with downhole camera in 2009 to investigate presence of silica sand in well.

7.3 Decommissioning of Wells

The following wells are recommended for decommissioning in 2009 due to observations noted herein. These recommendations should be compared to those made by other parties based on a review of data (RGC, 2007).

- BH7 D/S (Examine both wells and document conditions with a downhole camera if possible prior to decommissioning – wells jacking)
- P96-9B (pinched shut near top, condition of entire well not known)
- SRK04-02 A/B (if it has not been completed to date)
- X24-96 A/B/C -
  - A: compromised since installation, RGC (2007) concurs that this well should be decommissioned;
  - B and C: GLL (now AECOM) recommended decommissioning due to sand and heaving observations (2008b); RGC (2007) concurred;
- X21C-96 – It was recommended by Gartner Lee (now AECOM) (2008b) and supported by RGC (2007) that this well be decommissioned and no longer monitored. It was also noted that a replacement well is not considered warranted at this time (RGC, 2007).

7.4 Discontinue Sampling

Recommendations and issues identified in this report should be considered in conjunction with those listed in the current groundwater monitoring review draft document (RGC, 2007), to guide future monitoring activities.

- **P03-02 -** RGC recommended that P03-02 wells not be sampled since there are sufficient secondary tailings point wells without these samples (RGC 2007). P03-02 wells were not sampled in 2008. It is not recommended that this well be decommissioned.
  - **P03-02-06 –** Bubbling of gas up the tubing caused airlifting of groundwater to the top of the tube and out of the protective steel casing. This well should not be sampled in the future (well was capped and flagged as such in June 2007) or at least until the cause of gas production has been determined.

- **P03-05** – RGC recommended that P03-05 wells not be sample since there are sufficient secondary tailings point wells without these samples (RGC 2007). P03-05 wells were not sampled in 2008. It is not recommended that this well be decommissioned.

7.5 General Data Assessment

This report is not intended to provide an assessment of trends or variances in the data. Consequently, users of the data are cautioned to assess the data for anomalies that may emerge as trend and variance analyses are undertaken. The following potential anomalies in the data were observed during the preparation of this report and are summarized as follows, as an aid to users of the data:

- The following stations yielded RPD values >50%:
  - S1A, Aug '08, Copper and Silver
  - S2A, Nov '08, Molybdenum
  - X21A-96, Sep '08, Silver
  - X25A-96, Aug. '08, Iron
  - X25B-96, Sep '08, Lead and Zinc
  - BH8, Sep '08, Silicon
  - P96-7, Sep '08, Aluminum and Lead
  - P03-09-07, Nov '08, Lead
  - P03-09-08, Sep '08, Lead
  - SRK08-SP-7B Nov '08, Lead

  The above concentrations did not meet the constraints of PQL and as such do not require any further investigation.

- The following stations yielded RPD values >50%, meeting the constraints of PQL:
  - S1A, Aug '08, iron
  - S2A, Nov '08, Iron and Nickel
  - X21A-96, Sep '08, Lead
  - BH8, Sep '08, Aluminum, Arsenic, Beryllium, Copper, Lead and Uranium
  - P03-09-07, Nov '08, Aluminum

  The above stations should be targeted for replicate sampling in spring 2009.

8. Closure

The report is meant to provide a summary of 2008 groundwater monitoring activities and data collected by AECOM, per the approved work-plan, as well as data provided by others. Some groundwater data collected as part of other studies at the site may not be presented herein.

9. References

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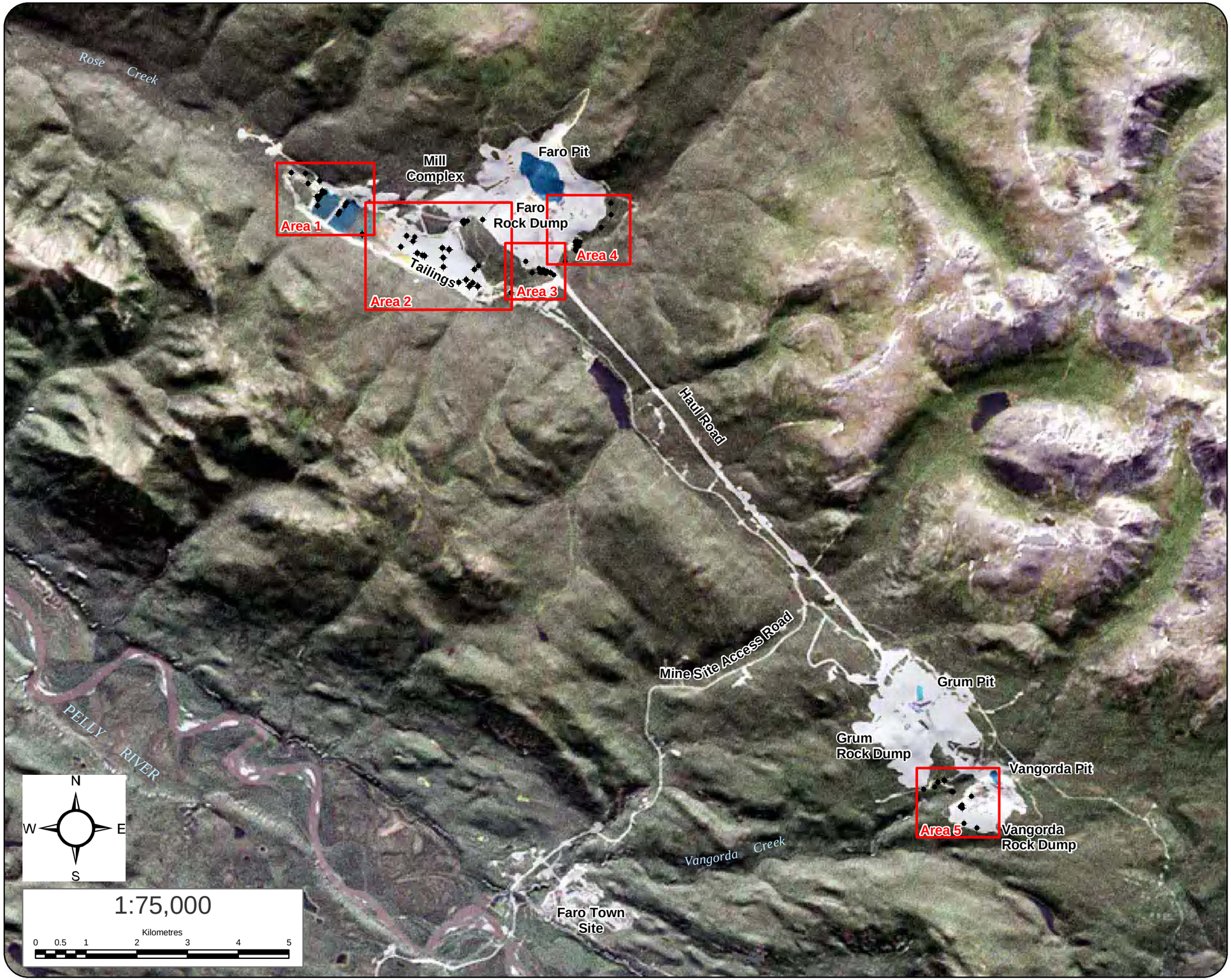
Figures



Legend

- Well Locations

DATA SOURCES AND DISCLAIMERS:

Basemap: Orthoshop, Calgary, AB, November 2003. Prepared for SRK Consulting. Based on August 2003 aerial photography.

Shaded relief colour orthorectified image at 15m resolution compiled by Yukon Territorial Government, Dept. of Infrastructure, Yukon Geomatics, from Landsat 7 image 59-16, bands 3, 2, & 1.

Projection: UTM Zone 8 NAD83

Created By: RH

Reviewed By:

Date Issued: November 2007

Project Number: 80632-6

File Name: Fig1_80632-6_all_wells_rpt_Nov_2008.mxd

Revision: 0

Deloitte & Touche Inc.
2008 Groundwater Sampling

Faro Mine Site
Faro, Yukon

AECOM

Figure No.
1

Legend

- Multi-level, Annual, Full
- Multi-level, Annual, Reduced
- Multi-level, Bi-Annual, Full
- Multi-level, Bi-Annual, Reduced
- Conventional, Annual, Full
- Conventional, Bi-Annual, Full
- Discontinued
- Impoundment (original)
- Foot
- ATV
- Truck

M1
X24A-96: Conventional, Bi-Annual, Full
X24B-96: Conventional, Discontinued
X24C-96: Conventional, Discontinued
X24D-96: Conventional, Bi-Annual, Full

M2
P03-08-01: Multi-level, Annual, Reduced
P03-08-02: Multi-level, Bi-Annual, Full
P03-08-03: Multi-level, Bi-Annual, Full
P03-08-04: Multi-level, Bi-Annual, Full
P03-08-05: Multi-level, Bi-Annual, Full
P03-08-06: Multi-level, Annual, Reduced
P03-08-07: Multi-level, Annual, Reduced
P03-08-08: Multi-level, Annual, Reduced

DATA SOURCES AND DISCLAIMERS:

Basemap: Orthoshop, Calgary, AB, November 2003. Prepared for SRK Consulting. Based on August 2003 aerial photography.

Projection: UTM Zone 8 NAD83

Created By: RH

Reviewed By:

Date Issued: November 2008

Project Number: 80632-6

File Name: Fig2_80632-6_all_wells_rpt_Nov_2008.mxd

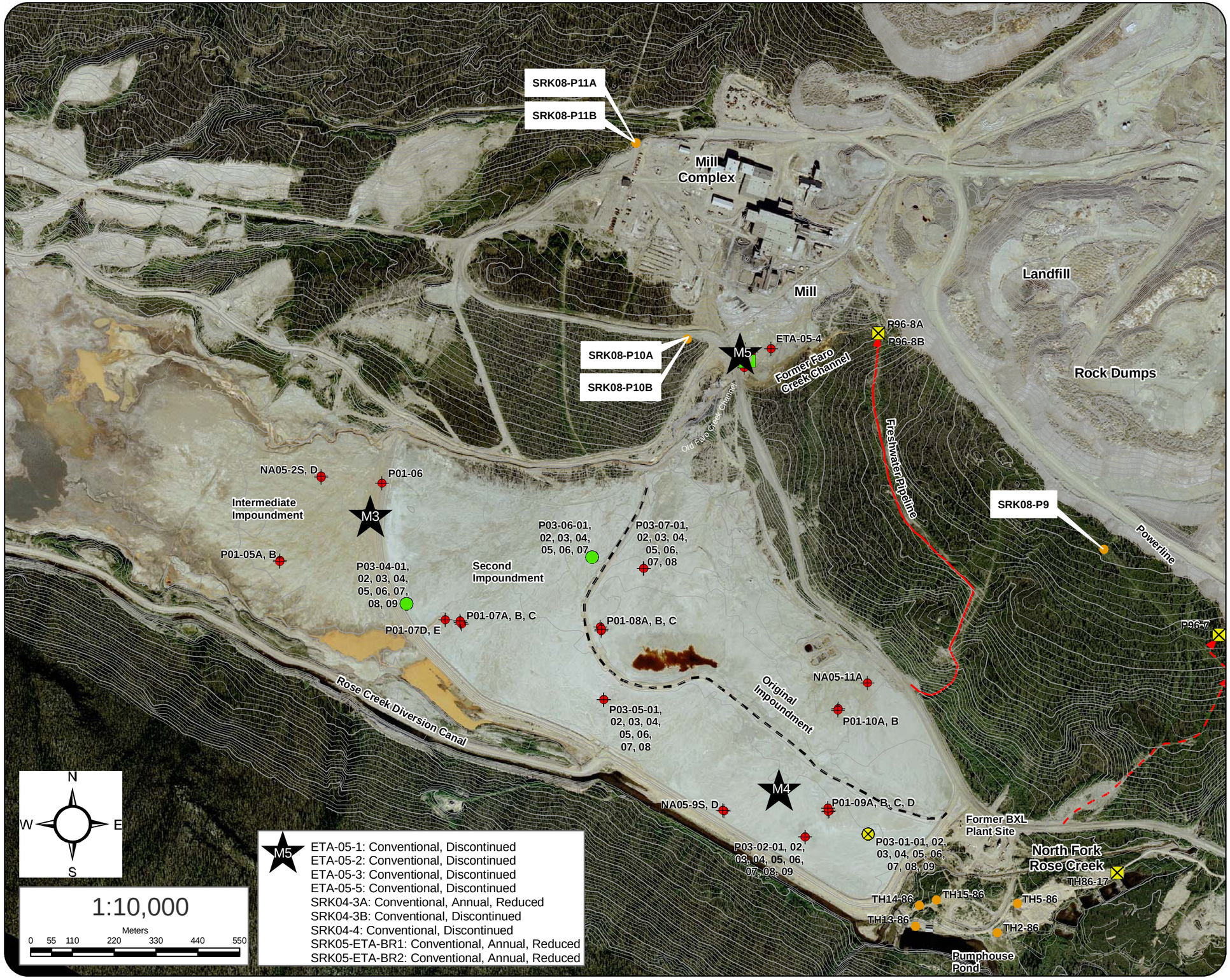
Revision: 0

Deloitte & Touche Inc.
FARO MINE COMPLEX

Area 1 – Tailings Down Valley Area
Faro Mine, Yukon

AECOM

Figure No.
2



Legend

- 2008 GW Wells
- Multi-level, Annual, Full
- Multi-level, Annual, Reduced
- Multi-level, Bi-Annual, Full
- Multi-level, Bi-Annual, Reduced
- Conventional, Annual, Full
- Conventional, Annual, Reduced
- Conventional, Bi-Annual, Full
- Discontinued
- Impoundment (original)
- Foot
- ATV
- Truck

M3
X21A-96: Conventional, Bi-Annual, Full
X21B-96: Conventional, Bi-Annual, Full
X21C-96: Conventional, Discontinued

M4
P03-03-01: Multi-level, Annual, Reduced
P03-03-02: Multi-level, Bi-Annual, Full
P03-03-03: Multi-level, Annual, Reduced
P03-03-04: Multi-level, Bi-Annual, Full
P03-03-05: Multi-level, Annual, Reduced
P03-03-06: Multi-level, Bi-Annual, Full
P03-03-07: Multi-level, Discontinued
P03-03-08: Multi-level, Annual, Reduced
P03-03-09: Multi-level, Annual, Reduced

DATA SOURCES AND DISCLAIMERS:

Basemap: Orthoshop, Calgary, AB, November 2003. Prepared for SRK Consulting. Based on August 2003 aerial photography.

Projection: UTM Zone 8 NAD83

Created By: RH

Reviewed By:

Date Issued: November 2008

Project Number: 80632-6

File Name: Fig3_80632-6_all_wells_rpt_Nov_2008.mxd

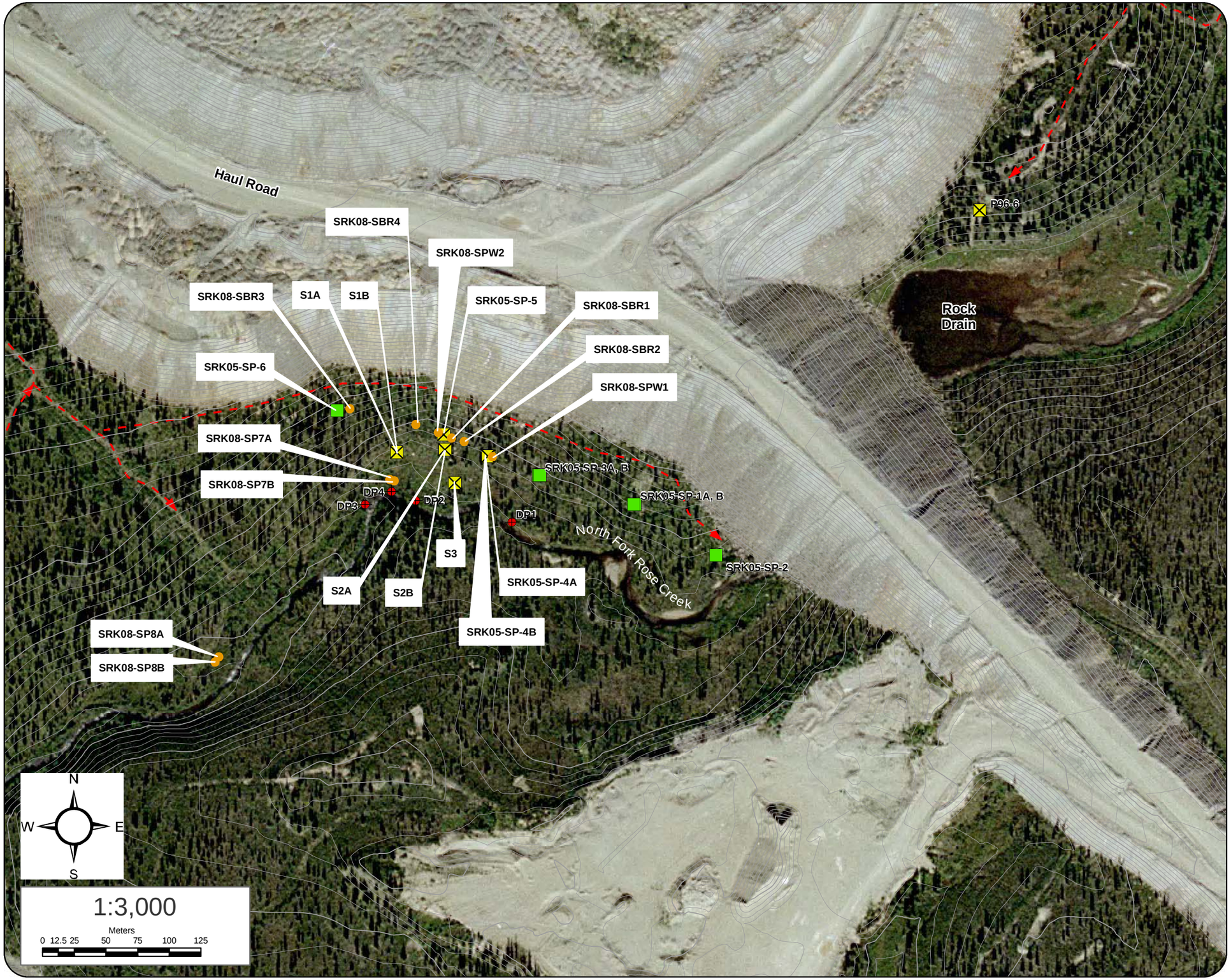
Revision: 0

Deloitte & Touche Inc.
FARO MINE COMPLEX

Area 2 – Rose Creek Tailings Impoundment and ETA Area
Faro Mine, Yukon

AECOM

Figure No.
3



Legend

- 2008 GW Wells
- Multi-level, Annual, Full
- Multi-level, Annual, Reduced
- Multi-level, Bi-Annual, Full
- Multi-level, Bi-Annual, Reduced
- Conventional, Annual, Full
- Conventional, Annual, Reduced
- Conventional, Bi-Annual, Full
- Discontinued
- Impoundment (original)
- Foot
- ATV
- Truck

DATA SOURCES AND DISCLAIMERS:

Basemap: Orthoshop, Calgary, AB, November 2003. Prepared for SRK Consulting. Based on August 2003 aerial photography.

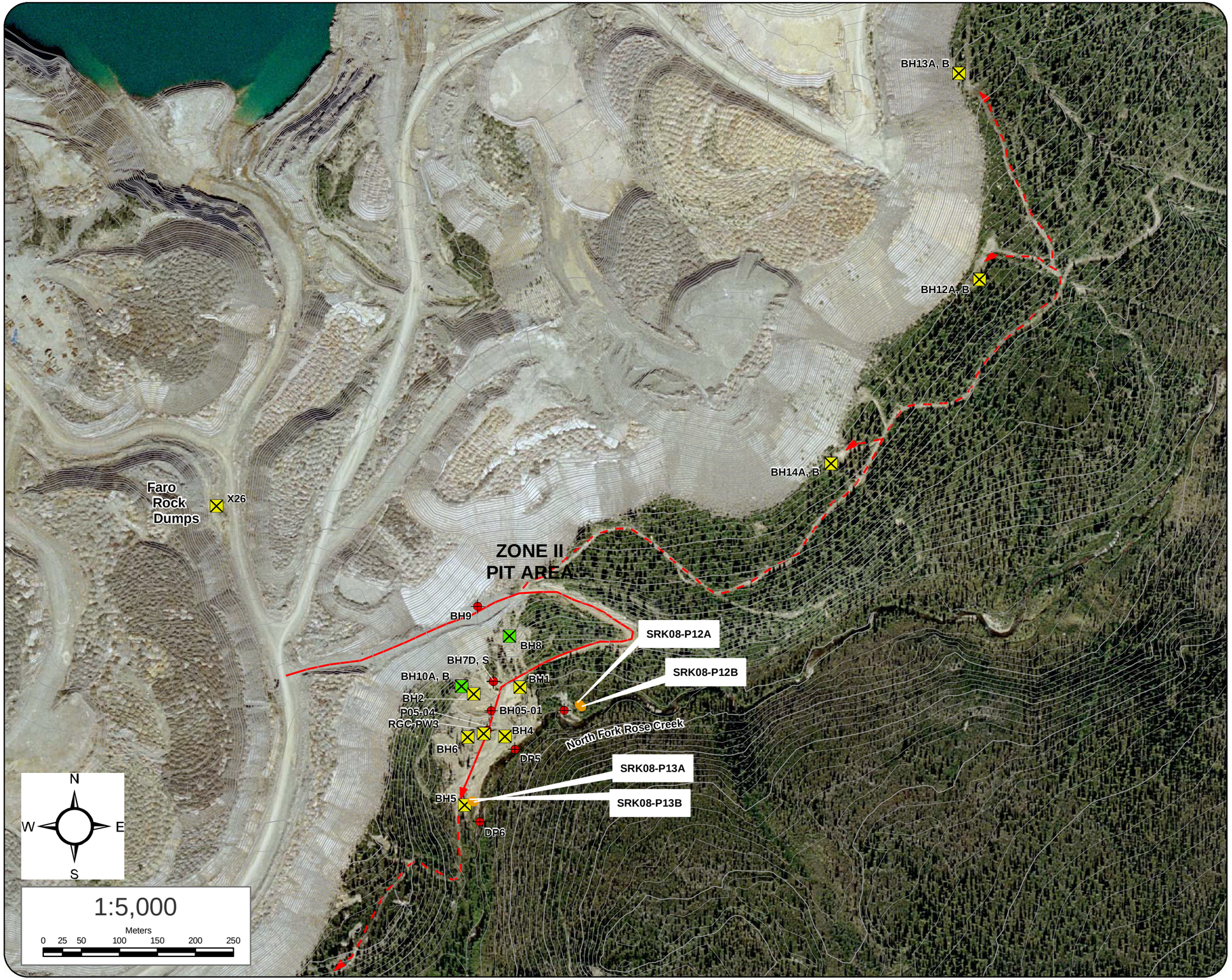
Projection: UTM Zone 8 NAD83	
Created By: RH	
Reviewed By:	
Date Issued: November 2008	
Project Number: 80632-6	
File Name: Fig4_80632-6_all_wells_rpt_Nov_2008.mxd	
Revision: 0	

Deloitte & Touche Inc.
FARO MINE COMPLEX

Area 3 – Faro Rock Dumps
Faro Mine, Yukon

AECOM

Figure No.
4



Legend

- 2008 GW Wells
- Multi-level, Annual, Full
- Multi-level, Annual, Reduced
- Multi-level, Bi-Annual, Full
- Multi-level, Bi-Annual, Reduced
- Conventional, Annual, Full
- Conventional, Annual, Reduced
- Conventional, Bi-Annual, Full
- Discontinued
- Impoundment (original)
- Foot
- ATV
- Truck

DATA SOURCES AND DISCLAIMERS:

Basemap: Orthoshop, Calgary, AB, November 2003. Prepared for SRK Consulting. Based on August 2003 aerial photography.

Projection: UTM Zone 8 NAD83

Created By: RH

Reviewed By:

Date Issued: November 2008

Project Number: 80632-6

File Name: Fig5_80632-6_all_wells_rpt_Nov_2008.mxd

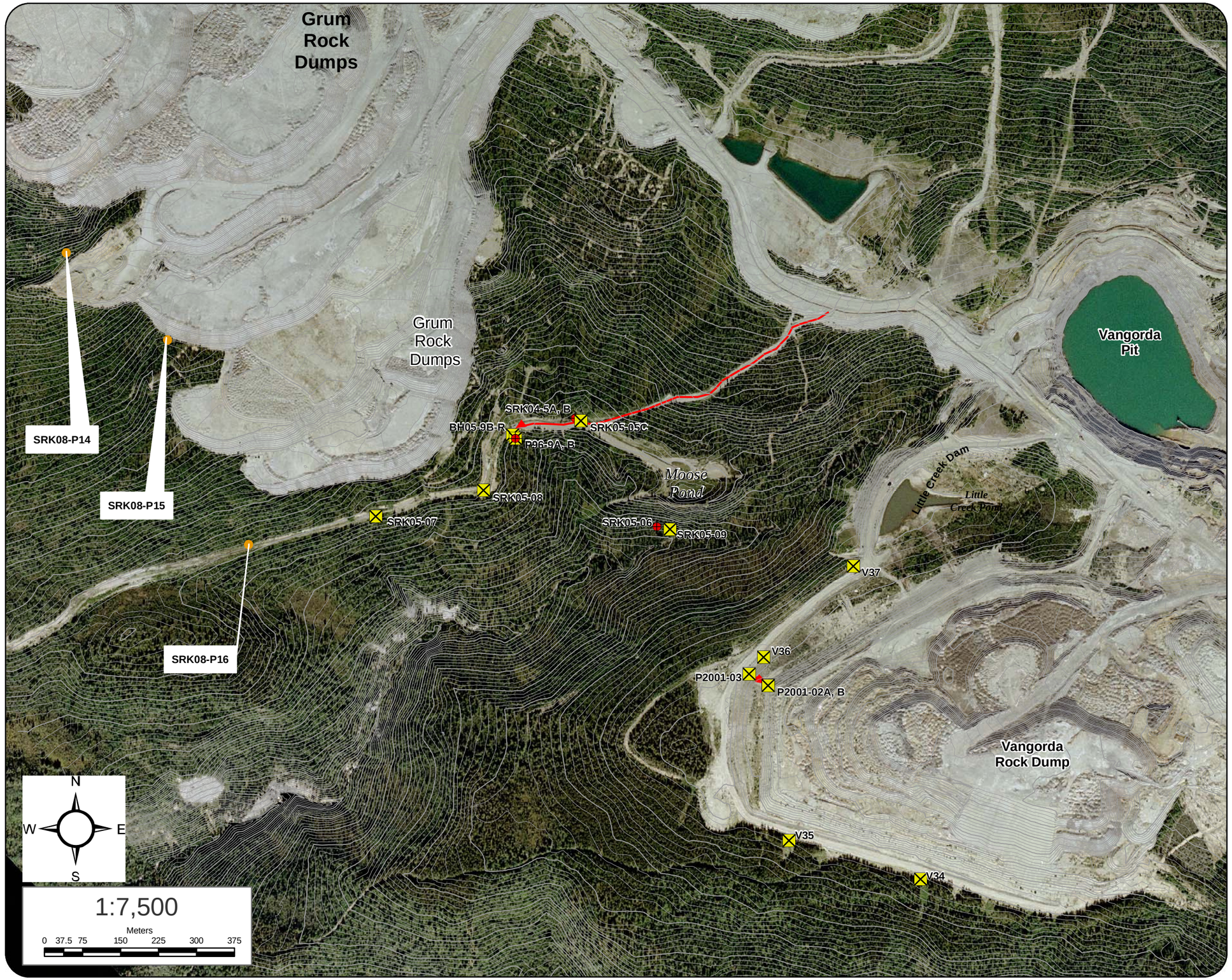
Revision: 0

Deloitte & Touche Inc.
FARO MINE COMPLEX

Area 4 – Faro Rock Dumps, Zone II Pit Area
Faro Mine, Yukon

AECOM

Figure No.
5



Legend

- 2008 GW Wells
- Multi-level, Annual, Full
- Multi-level, Annual, Reduced
- Multi-level, Bi-Annual, Full
- Multi-level, Bi-Annual, Reduced
- Conventional, Annual, Full
- Conventional, Annual, Reduced
- Conventional, Bi-Annual, Full
- Discontinued
- Impoundment (original)
- Foot
- ATV
- Truck

DATA SOURCES AND DISCLAIMERS:

Basemap: Orthoshop, Calgary, AB, November 2003. Prepared for SRK Consulting. Based on August 2003 aerial photography.

Projection: UTM Zone 8 NAD83

Created By: RH

Reviewed By:

Date Issued: November 2008

Project Number: 80632-6

File Name: Fig6_80632-6_all_wells_rpt_Nov_2008.mxd

Revision: 0

Deloitte & Touche Inc.
FARO MINE COMPLEX

Area 5 – Grum and Vangorda Area
Faro Mine, Yukon

AECOM

Figure No.
6

Tables

Table 1. Summary of 2008 Sampling Activities

Sampling Date	May/June	August *	September	November *
Well ID	**May 28 - June 2**	**August 12 - 13**	**September 16 - 19**	**Nov 3 - 5**
Downgradient of Cross-Valley Dam				
P01-01A	X		X	
P01-01B	X		X	
P01-02A	X		X	
P01-02B	X,Rep		NS	
P01-11	X		X	
X16A	X		X	
X16B	X		X	
X17A	X		X	
X17B	X		X	
X18A	X		X	
X18B	X		X	
P05-02	X,Rep		X	
P05-03	X		X	
P03-09-01	X		X	
P03-09-02	X	X *	X	X *
P03-09-03	X		X	
P03-09-04	X	X *	X	X *
P03-09-05	X		X	
P03-09-06	X	X *	X	X *
P03-09-07	X	X *	X	X , Rep
P03-09-08	X		X,S	
P03-09-09	X	X *	X	X *
P05-01-01	Frozen		X	
P05-01-02	Frozen		X	
P05-01-03	Frozen		X	
P05-01-04	Frozen		X	
P05-01-05	Frozen		X	
P05-01-06	Frozen		X	
Toe of Intermediate Dam				
P01-03	Frozen		X	
P01-04A	Frozen		X	
P01-04B	Frozen		X	
X24A-96	X	X *	X	X *
X24B-96	Discontinued			
X24C-96	Discontinued			
X24D-96	Frozen	X *	X	X *
X25A-96	X	X,S *	X	X *
X25B-96	X	X *	X,Rep	X *
Intermediate Tailings Impoundment				
X21A-96	X,Rep		X	
X21B-96	X		X, rep	
X21C-96	Discontinued			
NA05-2S	Discontinued			
NA05-2D	Discontinued			
P03-08-01	X		X	
P03-08-02	X	X *	NS	X *
P03-08-03	X	X, *	X	X *
P03-08-04	X	X *	X	X *
P03-08-05	X	X *	X	X *
P03-08-06	X			
P03-08-07	X		X	
P03-08-08	X		X	

Table 1. Summary of 2008 Sampling Activities

Sampling Date	May/June	August *	September	November *
Well ID	**May 28 - June 2**	**August 12 - 13**	**September 16 - 19**	**Nov 3 - 5**
Second Tailings Impoundment, Northern Section				
P03-04-01	X			
P03-04-02	X	X *	X	X*
P03-04-03	X, S			
P03-04-04	X	X *	X	X *
P03-04-05	X			
P03-04-06	X	X *	X	X*
P03-04-07	X			
P03-04-08	X			
P03-04-09	dry			
P03-05-01	Discontinue, data not presently needed			
P03-05-02	Discontinue, data not presently needed			
P03-05-03	Discontinue, data not presently needed			
P03-05-04	Discontinue, data not presently needed			
P03-05-05	Discontinue, data not presently needed			
P03-05-06	Discontinue, data not presently needed			
P03-05-07	Discontinue, data not presently needed			
P03-05-08	Discontinue, data not presently needed			
P03-06-01	X			
P03-06-02	X			
P03-06-03	X,S			
P03-06-04	X			
P03-06-05	X			
P03-06-06	NS			
P03-06-07	NS			
Second Tailings Impoundment, South-East Corner				
P03-01-01	X		X	
P03-01-02	X		X	
P03-01-03	X, S		X	
P03-01-04	X		X	
P03-01-05	X		X	
P03-01-06	X		X	
P03-01-07	X		X	
P03-01-08	X		X	
P03-01-09	X		X	
P03-02-01	Discontinue, data not presently needed			
P03-02-02	Discontinue, data not presently needed			
P03-02-03	Discontinue, data not presently needed			
P03-02-04	Discontinue, data not presently needed			
P03-02-05	Discontinue, data not presently needed			
P03-02-06	Discontinue, data not presently needed			
P03-02-07	Discontinue, data not presently needed			
P03-02-08	Discontinue, data not presently needed			
P03-02-09	Discontinue, data not presently needed			
P03-03-01	X			
P03-03-02	X			
P03-03-03	X			
P03-03-04	X, S			
P03-03-05	X			
P03-03-06	X			
P03-03-07	Not sampled; well degasses			
P03-03-08	X			
P03-03-09	X			

Table 1. Summary of 2008 Sampling Activities

Sampling Date	May/June	August *	September	November *
Well ID	**May 28 - June 2**	**August 12 - 13**	**September 16 - 19**	**Nov 3 - 5**
NA05-9S	not routinely monitored			
NA05-9D	not routinely monitored			
Original Tailings Impoundment				
NA05-11A				
P03-07-01				
P03-07-02				
P03-07-03				
P03-07-04				
P03-07-05				
P03-07-06				
P03-07-07				
P03-07-08				
Faro Rock Dump Area - Zone II Pit Area				
P05-04	not routinely monitored			
DP1				
DP2				
DP3				
DP4				
RGC-PW3			X	
BH1	X		X	
BH2	X		X	
BH4	X		X	
BH5	X		X	
BH6	X		X,Rep	
BH7S	comprimised			
BH7D	comprimised			
BH8	No Recharge		X, Rep	
BH10A	X			
BH10B	X			
Faro Rock Dump Area - North				
BH12A	dry		No Recharge	
BH12B	X		X	
BH13A	dry		No Recharge	
BH13B	frozen		X	
BH14A	X		X	
BH14B	X		X	
Emergency Tailings Area (ETA)				
ETA-05-4	not routinely monitored			
SRK05-ETA-BR1	X			
SRK05-ETA-BR2	X			
SRK04-3A	X			
SRK04-3B	Discontinue, data not presently needed			
Vangorda Rock Dump Area				
V34	X		X	
V35	X		X	
V36	X		X	
V37	X		X	
P2001-03	X		NS	
P2001-02A	X		X	
P2001-02B	X		X	

Table 1. Summary of 2008 Sampling Activities

Sampling Date	May/June	August *	September	November *
Well ID	May 28 - June 2	August 12 - 13	September 16 - 19	Nov 3 - 5
Grum Rock Dump Area				
SRK04-05A	discontinue; artesian; nested			
SRK04-05B	discontinue; artesian; nested			
SRK05-05C	X		X	
SRK05-06	discontinue; redundant data		?	
SRK05-07	X		X	
SRK05-08	X		X	
SRK05-09	X		X	
P96-9A	X		X	
P96-9B	replaced by BH05-9B-R in 2005			
BH05-9B-R	X		X	
Faro Rock Dump Area - South of Haul Road				
S1A	X	X[1]	NS due to pumping test	X[1]
S1B	X		NS due to pumping test	X
S2A	X		NS due to pumping test	X,Rep
S2B	X	X[1]	NS due to pumping test	X[1]
S3	X	X[1]	NS due to pumping test	X[1]
SRK05-SP-1A	X			
SRK05-SP-1B	X			
SRK05-SP-2	X			
SRK05-SP-3A	X			
SRK05-SP-3B	X			
SRK05-SP-4A	X		NS due to pumping test	X
SRK05-SP-4B	X	X[1]	NS due to pumping test	X[1]
SRK05-SP-5	X,Rep	X[1]	NS due to pumping test	X[1]
SRK05-SP-6	dry		NS due to pumping test	X
BH05-01				
P96-6	X		X	
P96-7	X		X,Rep	
P96-8A	X		X	
P96-8B	X		X	
DP5	NS		NS	
DP6				
Faro Rock Dump Area - South of Haul Road (2008 High Priority SRK Wells)				
SRK08-SBR1				X
SRK08-SBR2				X
SRK08-SBR3				X
SRK08-SBR4				X
SRK08-SP7A				X
SRK08-SP7B				X,Rep
SRK08-SP8A				Frozen tubing
SRK08-SP8B				Frozen tubing
SRK08-SPW1		X		X
SRK08-SPW2				X

Table 1. Summary of 2008 Sampling Activities

Sampling Date	May/June	August *	September	November *
Well ID	**May 28 - June 2**	**August 12 - 13**	**September 16 - 19**	**Nov 3 - 5**
Rose Creek Valley Upstream of Tailings Impoundment				
TH86-17	X		X	
TH86-13	X			
TH86-2			X	
TH86-5	X			
TH86-14			X	
TH86-15			X	
2008 Medium Priority SRK Wells				
SRK08-P9				Dry
SRK08-P10A				X
SRK08-P10B				Dry
SRK08-P11A				Frozen
SRK08-P11B				Frozen
SRK08-P12A				X
SRK08-P12B				X
SRK08-P13A				Frozen
SRK08-P13B				Frozen
SRK08-P14				X
SRK08-P15				No access
SRK08-P16				X

** = sampling for adaptive management plan (AMP)*

[1] = Additional S Cluster sampling

X = well was sampled

NS = well not sampled

***Bold** = well screened in tailings*

GC = general chemistry

S = split sample

Rep =replicate sample

Table 2. Summary of Conventional and Multi-Level Well Construction Details

Well ID	Original Surveys (Nad 27) Northing	Original Surveys (Nad 27) Easting	YES 2008 Survey (Nad 83) Northing	YES 2008 Survey (Nad 83) Easting	Field Stickup (m) *	Top of Screen (mbgs)	Bottom of Screen (mbgs)	Formation
BH05-01	6913501	585229	6913675.88	585133.90	0.9	2.30	3.81	Outwash Sediment
BH05-9B-R	6903172	592747	6903346.86	592642.62	1.06	15.50	18.60	Overburden/BR
BH1	6913532	585267	6913705.49	585161.87	0.09	-	-	N/A
BH10A	6913533	585190	6913707.17	585085.94	angled	35.05	36.58	BR (biotite/schist)
BH10B	6913533	585190	6913707.16	585085.94	angled	53.34	54.84	BR (phyllite/schist)
BH12A	6914068	585871	6914248.56	585761.99	2.38	1.53	3.05	BR (weathered)
BH12B	6914068	585871	6914248.59	585762.00	2.43	6.1	8.23	BR (phyllite/schist)
BH13A	6914339	585844	6914495.53	585751.66	0.75	2.29	3.81	Aquifer
BH13B	6914339	585844	6914494.49	585751.73	0.54	6.71	8.23	BR (phyllite/schist)
BH14A	6913826	585676	6914011.30	585584.61	0.12	4.72	6.25	BR (weathered)
BH14B	6913826	585676	6914011.27	585584.83	0.78	7.77	9.3	BR (quartz/diorite)
BH2	6913523	585206	6913697.35	585101.51	0.63	-	-	N/A
BH4	6913467	585247	6913641.62	585142.67	0.7	-	-	N/A
BH5	6913377	585194	6913551.47	585089.50	0.49	6.01	7.62	Alluvium
BH6	6913466	585198	6913640.97	585093.91	0.75	4.72	6.25	Alluvium
BH7D	6913539	585232	6913713.61	585127.60	0.76	6.71	8.84	Overburden(?)
BH7S	6913540	585232	6913714.35	585127.65	1.41	4.72	6.4	BR (phyllite?)
BH8	6913599	585253	6913776.92	585145.63	*0.79*	19.05	20.57	BR (phyllite?)
BH9	6913638	585211	6913811.71	585101.03	*0.13*	53.34	54.86	BR (biotite/schist)
DP1	6912887	584630	6913062.04	584525.25	-	1.14	1.14	NFRC Sediments
DP2	6912904	584554	6913077.54	584450.01	-	0.53	0.53	NFRC Sediments
DP3	6912901	584514	6913075.24	584409.31	-	0.75	0.75	NFRC Sediments
DP4	6912911	584535	6913085.62	584430.43	-	0.94	0.94	NFRC Sediments
DP5	6913450	585260	6913625.22	585155.45	1.55	-	-	NFRC Sediments
DP6	6913355	585214	6913529.05	585109.45	1.49	-	-	NFRC Sediments
ETA-05-1	6913851	582953	6914025.04	582848.43	0.67	4.3	7.3	Tailings
ETA-05-2	6913849	582993	6914023.05	582888.03	0.83	5	7.5	Till
ETA-05-3	6913808	582975	6913982.51	582870.19	0.69	7	8.8	Alluvium / Till
ETA-05-4	6913858	583045	6914032.20	582940.55	0.86	6.7	9	Alluvium / Till
ETA-05-5	6913856	582977	6914030.95	582872.82	0.77	2	5.2	Tailings
MW1	6914282	580153	6914456.89	580048.94	0.64	1.95 / 12.19	9.74 / 17.67	Alluvium
MW2	6914200	580100	6914374.69	579995.55	0.74	2.19	14.89	Alluvium
NA05-11A	6912978	583299	6913152.27	583194.00	*0.82*	12.8	14.3	Alluvium
NA05-2D	6913518	581860	6913692.41	581755.72	0.66	10.7	13.7	Alluvium
NA05-2S	6913522	581860	6913696.80	581755.88	0.75	4.5	7.5	Tailings
NA05-9D	6912641	582921	6912815.50	582816.43	0.75	7.9	10.9	Alluvium
NA05-9S	6912642	582918	6912816.98	582813.96	0.66	1.4	4.4	Tailings
P01-01A	6914675	579819	6914854.11	579700.88	0.74	19.8	21.36	Alluvium
P01-01B	6914675	579819	6914854.16	579700.86	0.65	33.35	34.9	Alluvium
P01-02A	6914044	580081	6914223.85	579963.17	0.624	12.37	13.89	Alluvium
P01-02B	6914044	580081	6914223.97	579963.29	1.61	26.21	27.7	Till
P01-03	6914056	580617	6914252.39	580520.91	0.3	7.78	9.3	Alluvium
P01-04A	6913893	580496	6914074.40	580378.32	0.31	31.7	33.22	Alluvium
P01-04B	6913893	580496	6914074.42	580378.33	0.3	51	52.5	Till
P01-05A	6913300	581752	6913479.11	581634.44	*0.45*	9	10.52	Tailings
P01-05B	6913297	581751	6913475.73	581633.52	*0.52*	14.08	15.6	Alluvium
P01-06	6913504	582020	6913682.86	581902.39	*0.49*	9.15	10.67	Alluvium(?)
P01-07A	6913133	582230	6913311.33	582111.24	*0.49*	16.46	17.98	N/A
P01-07B	6913137	582228	6913316.03	582109.16	*0.44*	21.8	23.32	N/A
P01-07C	6913141	582226	6913320.11	582107.27	*0.44*	26.22	27.74	N/A
P01-07D	6913144	582187	6913322.85	582068.32	*0.49*	32.6	34.1	N/A
P01-07E	6913144	582187	6913322.76	582068.30	*0.39*	38.71	40.23	N/A
P01-08A	6913125	582595	6913303.56	582476.53	*0.39*	14.02	15.54	Tailings
P01-08B	6913115	582598	6913297.41	582479.75	*0.76*	24.1	25.6	Alluvium
P01-08C	6913119	582599	6913293.05	582478.91	*0.67*	28.8	29.7	Alluvium
P01-09A	6912641	583198	6912818.40	583078.30	*0.44*	18.06	11.58	N/A
P01-09B	6912639	583196	6912816.54	583076.45	*0.37*	14.48	16	N/A
P01-09C	6912648	583195	6912825.56	583075.24	*0.38*	19.65	21.18	N/A
P01-09D	6912648	583195	6912825.59	583075.23	*0.33*	26.33	27.86	N/A
P01-10A	6912910	583222	6913087.38	583102.74	*0.49*	13.42	14.94	Tailings
P01-10B	6912906	583221	6913083.56	583101.37	*0.45*	19.51	21.03	Alluvium
P01-11	6914306	580214	6914486.91	580096.33	0.48	9.15	10.67	Alluvium
P03-01-01	6912580	583301	6912761.43	583184.16	*0.526*	46.48	46.79	Alluvium
P03-01-02	6912580	583301	6912761.45	583184.15	*0.526*	38.56	38.86	Alluvium
P03-01-03	6912580	583301	6912761.42	583184.16	*0.526*	30.33	30.63	Alluvium
P03-01-04	6912580	583301	6912761.43	583184.17	*0.526*	24.23	24.54	Alluvium
P03-01-05	6912580	583301	6912761.40	583184.19	*0.526*	18.14	18.44	Alluvium
P03-01-06	6912580	583301	6912761.44	583184.18	*0.526*	12.95	13.26	Alluvium
P03-01-07	6912580	583301	6912761.44	583184.18	*0.526*	10.52	10.82	Alluvium
P03-01-08	6912580	583301	6912761.44	583184.15	*0.526*	8.99	9.3	Tailings
P03-01-09	6912580	583301	6912761.45	583184.13	*0.526*	7.47	7.77	Tailings

Table 2. Summary of Conventional and Multi-Level Well Construction Details

Well ID	Original Surveys (Nad 27) Northing	Original Surveys (Nad 27) Easting	YES 2008 Survey (Nad 83) Northing	YES 2008 Survey (Nad 83) Easting	Field Stickup (m) *	Top of Screen (mbgs)	Bottom of Screen (mbgs)	Formation
P03-02-01	6912572	583135	6912753.19	583017.72	*0.692*	33.53	33.83	Alluvium
P03-02-02	6912572	583135	6912753.21	583017.68	*0.692*	30.18	30.48	Alluvium
P03-02-03	6912572	583135	6912753.20	583017.66	*0.692*	22.56	22.86	Alluvium
P03-02-04	6912572	583135	6912753.22	583017.67	*0.692*	16.46	16.76	Alluvium
P03-02-05	6912572	583135	6912753.20	583017.68	*0.692*	13.41	13.72	Alluvium
P03-02-06	6912572	583135	6912753.20	583017.66	*0.692*	12.5	12.8	Alluvium
P03-02-07	6912572	583135	6912753.18	583017.67	*0.692*	11.58	11.89	Tailings
P03-02-08	6912572	583135	6912753.18	583017.61	*0.692*	8.53	8.84	Tailings
P03-02-09	6912572	583135	6912753.18	583017.58	*0.692*	7.32	7.62	Tailings
P03-03-01	6912698	583068	6912879.33	582951.00	*0.817*	42.67	42.98	Alluvium
P03-03-02	6912698	583068	6912879.33	582951.01	*0.817*	32.92	33.22	Alluvium
P03-03-03	6912698	583068	6912879.38	582951.02	*0.817*	26.82	27.13	Alluvium
P03-03-04	6912698	583068	6912879.35	582951.01	*0.817*	21.95	22.25	Alluvium
P03-03-05	6912698	583068	6912879.34	582951.01	*0.817*	18.29	18.59	Alluvium
P03-03-06	6912698	583068	6912879.37	582950.97	*0.817*	16.76	17.07	Alluvium
P03-03-07	6912698	583068	6912879.39	582950.97	*0.817*	14.94	15.24	Tailings
P03-03-08	6912698	583068	6912879.33	582950.95	*0.817*	11.89	12.19	Tailings
P03-03-09	6912698	583068	6912879.32	582950.95	*0.817*	18.84	9.14	Tailings
P03-04-01	6913186	582085	6913366.94	581967.37	*0.777*	57.91	58.22	Alluvium
P03-04-02	6913186	582085	6913367.01	581967.61	*0.777*	47.24	47.55	Alluvium
P03-04-03	6913186	582085	6913367.04	581967.49	*0.777*	41.15	41.45	Alluvium
P03-04-04	6913186	582085	6913367.07	581967.55	*0.777*	34.75	35.05	Alluvium
P03-04-05	6913186	582085	6913367.09	581967.62	*0.777*	25.76	26.06	Alluvium
P03-04-06	6913186	582085	6913367.07	581967.46	*0.777*	17.07	17.37	Alluvium
P03-04-07	6913186	582085	6913366.98	581967.49	*0.777*	15.24	15.54	Alluvium
P03-04-08	6913186	582085	6913366.94	581967.61	*0.777*	13.41	13.72	Tailings
P03-04-09	6913186	582085	6913366.93	581967.53	*0.777*	12.5	12.8	Tailings
P03-05-01	6912934	582605	6913115.12	582487.50	*0.843*	44.2	44.5	Alluvium
P03-05-02	6912934	582605	6913115.28	582487.53	*0.843*	36.58	36.88	Alluvium
P03-05-03	6912934	582605	6913115.20	582487.56	*0.843*	27.43	27.74	Alluvium
P03-05-04	6912934	582605	6913115.26	582487.57	*0.843*	23.16	23.47	Alluvium
P03-05-05	6912934	582605	6913115.24	582487.57	*0.843*	21.34	21.64	Tailings
P03-05-06	6912934	582605	6913115.22	582487.55	*0.843*	18.29	18.59	Tailings
P03-05-07	6912934	582605	6913115.24	582487.58	*0.843*	13.72	14.02	Tailings
P03-05-08	6912934	582605	6913115.20	582487.64	*0.843*	10.67	10.97	Tailings
P03-06-01	6913309	582573	6913489.80	582455.55	*0.867*	25.6	25.91	Alluvium
P03-06-02	6913309	582573	6913489.54	582455.47	*0.867*	22.56	22.86	Alluvium
P03-06-03	6913309	582573	6913489.64	582455.53	*0.867*	19.51	19.81	Alluvium
P03-06-04	6913309	582573	6913489.58	582455.49	*0.867*	16.15	16.46	Alluvium
P03-06-05	6913309	582573	6913489.62	582455.49	*0.867*	14.02	14.33	Alluvium
P03-06-06	6913309	582573	6913489.75	582455.60	*0.867*	12.19	12.5	Tailings
P03-06-07	6913309	582573	6913489.76	582455.59	*0.867*	10.67	10.97	Tailings
P03-07-01	6913279	582710	6913459.60	582592.97	*0.776*	38.1	38.4	Alluvium
P03-07-02	6913279	582710	6913459.50	582592.97	*0.776*	33.53	33.83	Alluvium
P03-07-03	6913279	582710	6913459.57	582593.01	*0.776*	28.65	28.96	Alluvium
P03-07-04	6913279	582710	6913459.54	582592.94	*0.776*	21.34	21.64	Alluvium
P03-07-05	6913279	582710	6913459.57	582592.92	*0.776*	19.81	20.12	Alluvium
P03-07-06	6913279	582710	6913459.59	582592.93	*0.776*	17.98	18.29	Tailings
P03-07-07	6913279	582710	6913459.63	582592.98	*0.776*	16.46	16.76	Tailings
P03-07-08	6913279	582710	6913459.71	582592.89	*0.776*	13.41	13.72	Tailings
P03-08-01	6913514	580980	6913695.40	580863.22	*0.878*	32.31	32.61	Alluvium
P03-08-02	6913514	580980	6913695.33	580863.26	*0.878*	28.04	28.35	Alluvium
P03-08-03	6913514	580980	6913695.40	580863.23	*0.878*	24.38	24.69	Alluvium
P03-08-04	6913514	580980	6913695.28	580863.25	*0.878*	22.86	23.16	Alluvium
P03-08-05	6913514	580980	6913695.19	580863.22	*0.878*	21.34	21.64	Alluvium
P03-08-06	6913514	580980	6913695.30	580863.24	*0.878*	19.81	20.12	Tailings
P03-08-07	6913514	580980	6913695.32	580863.25	*0.878*	16.76	17.07	Tailings
P03-08-08	6913514	580980	6913695.34	580863.26	*0.878*	13.72	14.02	Tailings
P03-09-01	6914229	580065	6914409.94	579948.26	*0.689*	34.75	35.05	Alluvium
P03-09-02	6914229	580065	6914409.93	579948.34	*0.689*	32	32.31	Alluvium
P03-09-03	6914229	580065	6914409.88	579948.31	*0.689*	26.82	27.13	Alluvium
P03-09-04	6914229	580065	6914409.96	579948.32	*0.689*	23.47	23.77	Alluvium
P03-09-05	6914229	580065	6914409.94	579948.37	*0.689*	21.64	21.95	Alluvium
P03-09-06	6914229	580065	6914409.95	579948.33	*0.689*	18.59	18.9	Alluvium
P03-09-07	6914229	580065	6914409.92	579948.31	*0.689*	13.11	18.41	Alluvium
P03-09-08	6914229	580065	6914409.92	579948.34	*0.689*	9.14	9.45	Alluvium
P03-09-09	6914229	580065	6914410.04	579948.25	*0.689*	7.32	7.62	Alluvium
P05-01-01	6914335	580165	6914509.57	580060.57	*0.671*	25.15	25.45	Till / BR
P05-01-02	6914335	580165	6914509.54	580060.51	*0.671*	19.67	19.82	Alluvium
P05-01-03	6914335	580165	6914509.51	580060.54	*0.671*	16.62	16.77	Alluvium
P05-01-04	6914335	580165	6914509.50	580060.53	*0.671*	11.13	11.28	Alluvium

Table 2. Summary of Conventional and Multi-Level Well Construction Details

Well ID	Original Surveys (Nad 27) Northing	Original Surveys (Nad 27) Easting	YES 2008 Survey (Nad 83) Northing	YES 2008 Survey (Nad 83) Easting	Field Stickup (m) *	Top of Screen (mbgs)	Bottom of Screen (mbgs)	Formation
P05-01-05	6914335	580165	6914509.48	580060.57	*0.671*	5.33	5.48	Alluvium
P05-01-06	6914335	580165	6914509.55	580060.51	*0.671*	3.2	3.35	Alluvium
P05-02	6914265	580143	6914439.24	580038.84	0.98	1.83	4.88	Alluvium
P05-03	6914171	580088	6914345.55	579983.08	0.84	3.44	7.62	Alluvium
P05-04	6913475	585224	6913649.42	585119.23	0.66	2.19	6.34	Alluvium
P2001-02A	6902677	593252	6902864.35	593135.39	0.34	25.8	27.3	Till
P2001-02B	6902677	593252	6902864.40	593135.46	0.34	12.3	13.9	Clay and Gravel
P2001-03	6902700	593214	6902881.57	593100.56	0.68	58.5	61.6	Till / BR
P96-6	6913133	584999	6913312.68	584905.67	0.7	18.07	20.12	Alluvium
P96-7	6913105	584225	6913285.53	584127.69	0.68	6.26	9.24	Overburden / BR
P96-8A	6913898	583328	6914073.83	583225.00	0.6	1.15	4.17	Alluvium
P96-8B	6913898	583328	6914073.81	583224.92	0.7	5.5	8.52	Alluvium
P96-9A	6903165	592753	6903346.28	592651.38	0.84	4.96	9.45	Overburden
RGC-PW1	6914286	580157	6914460.48	580052.36	0.66	4.19 / 16.38	5.79 / 19.59	Alluvium
RGC-PW2	6914195	580098	6914369.70	579993.46	0.45	4.19	15.39	Alluvium
RGC-PW3	6913471	585219	6913645.89	585113.91	0.9	5.5	7	Alluvium
S1A	6912942	584539	6913116.32	584434.30	1.34	9.2	12.2	BR (phyllite)
S1B	6912942	584539	6913116.43	584434.22	1.16	1.3	4.3	Till
S2A	6912944	584577	6913117.94	584472.90	1.44	9.2	12.2	BR (phyllite)
S2B	6912944	584577	6913117.86	584472.96	0.9	3.7	6.7	Till
S3	6912918	584585	6913092.25	584480.59	1.12	2.6	5.6	Till
SRK04-3A	6913824	582977	6913998.99	582872.76	0.56	10.4	11.9	Tailings / Alluvium
SRK04-3B	6913824	582977	6913998.95	582872.71	0.65	5.5	7	Alluvium / BR
SRK04-4	6913837	582977	6914012.24	582872.93	0.51	7.64	11.6	Alluvium
SRK04-5A	6903205	592871	6903382.03	592767.98	0.76	22.7	23.7	BR (weathered)
SRK04-5B	6903205	592871	6903381.92	592768.00	0.78	13.7	14.7	Overburden
SRK05-05C	6903200	592882	6903383.13	592768.38	0.93	1.5	3	Overburden
SRK05-06	6902991	593032	6903165.45	592927.66	0.73	0.7	2.7	Overburden
SRK05-07	6903011	592477	6903186.21	592372.72	0.75	0.75	5.8	Overburden / BR
SRK05-08	6903063	592690	6903237.80	592585.72	0.5	2.1	7.6	Overburden
SRK05-09	6902986	593058	6903160.38	592953.98	0.34	0.5	3.5	Overburden
SRK05-ETA-BR1	6913846	582972	6914020.76	582867.58	0.66	9	12	Alluvium
SRK05-ETA-BR2	6913825	582987	6913999.58	582882.85	0.64	14.6	18.9	BR (schist)
SRK05-SP-1A	6912901	584727	6913075.23	584622.72	0.54	13.7	19.2	Overburden / BR
SRK05-SP-1B	6912901	584726	6913075.40	584621.92	0.66	9	12.3	Overburden
SRK05-SP-2	6912861	584791	6913035.76	584686.27	0.44	7.9	11	Alluvium / BR
SRK05-SP-3A	6912924	584651	6913098.46	584546.71	0.85	17.4	21.9	Overburden
SRK05-SP-3B	6912924	584652	6913098.11	584547.42	0.66	8.3	11.4	Overburden
SRK05-SP-4A	6912939	584612	6913113.35	584507.07	0.69	16.5	21	Overburden / BR
SRK05-SP-4B	6912939	584611	6913113.62	584506.02	1.00	0.6	3.5	Overburden
SRK05-SP-5	6912956	584576	6913130.55	584470.95	0.91	9.4	12.5	Overburden / BR
SRK05-SP-6	6912975	584492	6913149.17	584387.13	-	3.1	11	BR / Schist
TH86-17	6912478	583957	6912658.47	583846.54	1.04	-	-	N/A
V34	6902295	593553	6902476.14	593432.06	0.55	-	-	BR
V35	6902371	593293	6902554.81	593181.26	0.44	-	-	Alluvium
V36	6902733	593243	6902916.60	593138.28	0.5	-	-	Alluvium
V37	6902913	593420	6903080.27	593315.70	0.47	-	-	Alluvium
X16A	6914672	579538	6914841.01	579447.41	0.85	3	6	Alluvium
X16B	6914672	579538	6914841.06	579447.43	0.99	20	34	Alluvium
X17A	6914475	579874	6914647.21	579757.58	0.65	4.5	6.2	Alluvium
X17B	6914475	579874	6914646.05	579756.93	1.16	17	25	Alluvium
X18A	6914539	580105	6914712.50	579987.67	0.63	8.8	10.6	Alluvium
X18B	6914539	580105	6914712.55	579987.66	0.59	16.6	22.8	Alluvium
X21A-96	6913417	581989	6913591.52	581886.26	0.69	2.43	8.53	Tailings
X21B-96	6913417	581989	6913591.43	581886.31	0.74	11.64	14.69	Alluvium
X21C-96	6913417	581989	6913591.49	581886.23	0.81	27.86	29.37	Alluvium
X24A-96	6914124	580655	6914298.91	580551.69	0.8	6.46	6.48	Alluvium
X24B-96	6914124	580655	6914298.93	580551.76	0.75	9.8	11.3	Alluvium
X24C-96	6914124	580655	6914298.85	580551.72	0.7	14.97	16.47	Alluvium
X24D-96	6914124	580655	6914298.58	580549.93	0.7	26.84	28.34	Alluvium
X25A-96	6913945	580519	6914120.59	580416.07	0.45	7.44	8.97	Alluvium
X25B-96	6913945	580519	6914120.50	580416.11	0.42	17.7	19.17	Alluvium
New 2008 SRK Wells (High and Medium Prioritiy)								
SRK08-P10A	6914055.0	582720.0	NS	NS	0.72	10.06	13.1064	weath. BR
SRK08-P10B	6914057.0	582720.0	NS	NS	0.86	4.57	7.62	diamict (f sand & gravel & silt)
[1]SRK08-P11A	6914573.0	582585.0	NS	NS	0.71	9.14	12.192	weath. BR
[1]SRK08-P11B	6914574.0	582584.0	NS	NS	0.77	3.05	6.096	sand & gravel, silty sand
SRK08-P12A	6913506.0	585348.0	NS	NS	0.67	9.14	12.192	weath. BR
SRK08-P12B	6913509.0	585345.0	NS	NS	0.75	4.57	7.62	sand, gravel, weath BR
SRK08-P13A	6913262.0	585216.0	NS	NS	0.55	7.32	10.3632	weath. BR
SRK08-P13B	6913263.0	585213.0	NS	NS	0.81	3.05	6.096	sand & gravel

Table 2. Summary of Conventional and Multi-Level Well Construction Details

Well ID	Original Surveys (Nad 27) Northing	Easting	YES 2008 Survey (Nad 83) Northing	Easting	Field Stickup (m) *	Top of Screen (mbgs)	Bottom of Screen (mbgs)	Formation
[1]SRK08-P14	6903706.0	591761.0	NS	NS	0.67	6.10	9.144	weath. BR
[1]SRK08-P15	6903534.0	591961.0	NS	NS	0.37	4.57	7.62	weath. BR + BR
[1]SRK08-P16	6902964.0	592322.0	NS	NS	0.60	6.10	9.144	weath. BR + BR
SRK08-P9	583804.0	6913440.0	NS	NS	0.82	3.048	6.096	weath. BR + BR
[1]SRK08-SBR1	584475.9	6913130.0	NS	NS	0.80	27.7368	33.8328	weath. BR
[1]SRK08-SBR2	584486.0	6913126.3	NS	NS	0.50	12.192	18.288	sand & gravel
[1]SRK08-SBR3	584393.6	6913151.8	NS	NS	0.60	6.096	12.192	weath. BR
[1]SRK08-SBR4	584446.9	6913141.2	NS	NS	-	15.0876	21.4884	weath. BR
[1]SRK08-SP7A	584429.0	6913095.0	NS	NS	0.74	14.0208	17.0688	weath. BR
[1]SRK08-SP7B	584432.5	6913094.0	NS	NS	0.73	4.8768	7.9248	sand & gravel, silty
[1]SRK08-SP8A	584294.0	6912955.0	NS	NS	0.74	3.048	6.096	weath. BR
[1]SRK08-SP8B	584291.0	6912951.0	NS	NS	0.78	7.62	10.668	med-crs sand,
[1]SRK08-SPW1	584507.7	6913114.4	NS	NS	0.95	19.5072	24.2316	weath. BR & overlying sand/grav
[1]SRK08-SPW2	584465.5	6913133.5	NS	NS	1.00	9.7536	12.954	weath. BR

Notes:

[*] for multi-level wells, this corresponds to the elevation of the PVC centre stalk

[1] Northing and Easting corrdinates in Nad 83

italics = as built values

NS = Not Surveyed by YES in 2008

Measured Stickup changed in 2007

Measured Stickup changed in 2008

Table 3. Summary of 2008 Quality Assurance (QA/QC) Samples

Sample ID	Sampling Date	Sampling Time	pH	Specific Conductance (uS/cm)	Temp (°C)	Sample Type
P03-04-03	28-May-08	15:36	6.18	1408	6.2	Split Sample
P03-06-03	28-May-08	10:59	6.16	2350	4.9	Split Sample
P03-01-02	29-May-08	13:50	6.54	371	4.5	Split Sample
P03-03-04	29-May-08	10:25	6.46	1107	4.7	Split Sample
P01-02B	27-May-08	17:27	7.88	437	6.5	Field Replicate
SRK05-SP-5	28-May-08	10:01	< 6.5	5840	3.9	Field Replicate
P05-02	29-May-08	10:08	6.69	2180	3.8	Field Replicate
X21A-96	05-Jun-08	16:00	5.9	10580	4.1	Field Replicate
X25A-96	12-Aug-08	13:55	7.13	1130	5.5	Split Sample
S1A	13-Aug-08	14:01	6.24	6460	5.5	Field Replicate
P03-09-08	16-Sep-08	15:11	7.23	1472	5.6	Split Sample
P03-08-08	16-Sep-08	18:10	7.59	446	5.5	Field Replicate
X25B-96	16-Sep-08	17:38	7.45	1184	4	Field Replicate
X21A-96	17-Sep-08	13:13	5.85	1276	5.1	Field Replicate
BH8	19-Sep-08	11:30	4.84		4.5	Field Replicate
P96-7	19-Sep-08	10:12	6.98	3354	3.1	Field Replicate
S2A	03-Nov-08	15:50	6085	6.74	2.4	Field Replicate
SRK08-SP7B	03-Nov-08	16:10	6010	7.36	3.5	Field Replicate
P03-09-07	04-Nov-08	9:09	1675	6.82	3.3	Field Replicate

Notes:

* a Split Sample is collected by splitting the sampling stream between 2 bottles and using the same filtering equipment
* A Field Replicate is a separate sample collected and analyzed identically to the original sample, using different filtering equipment.

Table 4. Summary of 2008 Water Level Elevations for Multi-Level Wells, Faro Mine, Yukon

Well ID	Stickup (m)	Ground Elevation (m asl)	Date	Time	Water Level Below top of Casing (m)	Water Level Elevation (m asl)
P03-01-01	0.53	1060.581	29-May-08	13:55	5.482	1055.629
P03-01-01	0.53	1060.581	17-Sep-08	14:00	5.648	1055.463
P03-01-02	0.53	1060.581	29-May-08	13:50	5.549	1055.562
P03-01-02	0.53	1060.581	17-Sep-08	13:55	5.742	1055.369
P03-01-03	0.53	1060.581	29-May-08	14:10	5.535	1055.576
P03-01-03	0.53	1060.581	17-Sep-08	14:18	5.738	1055.373
P03-01-04	0.53	1060.581	29-May-08	14:05	5.551	1055.560
P03-01-04	0.53	1060.581	17-Sep-08	14:15	5.74	1055.371
P03-01-05	0.53	1060.581	29-May-08	14:10	5.556	1055.555
P03-01-05	0.53	1060.581	17-Sep-08	14:40	5.754	1055.357
P03-01-06	0.53	1060.581	29-May-08	14:20	5.533	1055.578
P03-01-06	0.53	1060.581	17-Sep-08	14:40	5.73	1055.381
P03-01-07	0.53	1060.581	29-May-08	14:25	5.554	1055.557
P03-01-07	0.53	1060.581	17-Sep-08	15:00	5.702	1055.409
P03-01-08	0.53	1060.581	29-May-08	14:30	5.771	1055.340
P03-01-08	0.53	1060.581	17-Sep-08	14:55	5.537	1055.574
P03-01-09	0.53	1060.581	29-May-08	14:40	6.013	1055.098
P03-01-09	0.53	1060.581	17-Sep-08	15:30	5.746	1055.365
P03-03-01	0.82	1060.672	29-May-08	10:18	6.816	1054.676
P03-03-02	0.82	1060.672	29-May-08	10:08	6.889	1054.603
P03-03-03	0.82	1060.672	29-May-08	10:32	6.86	1054.632
P03-03-04	0.82	1060.672	29-May-08	10:25	6.852	1054.640
P03-03-05	0.82	1060.672	29-May-08	10:45	6.857	1054.635
P03-03-06	0.82	1060.672	29-May-08	10:54	6.862	1054.630
P03-03-07	0.82	1060.672	29-May-08	-	not monitored	N/A
P03-03-08	0.82	1060.672	29-May-08	0:00	7.17	1054.322
P03-03-09	0.82	1060.672	29-May-08	0:00	7.218	1054.274
P03-04-01	0.78	1060.429	28-May-08	14:55	12.258	1048.951
P03-04-02	0.78	1060.429	28-May-08	14:40	12.292	1048.917
P03-04-02	0.78	1060.429	12-Aug-08	0:00	12.246	1048.963
P03-04-02	0.7	1060.429	17-Sep-08	11:30	No accurate value	N/A
P03-04-02	0.78	1060.429	04-Nov-08	12:43	12.266	1048.943
P03-04-03	0.78	1060.429	28-May-08	15:36	12.186	1049.023
P03-04-04	0.78	1060.429	28-May-08	15:30	12.534	1048.675
P03-04-04	0.78	1060.429	12-Aug-08	0:00	12.471	1048.738
P03-04-04	0.78	1060.429	17-Sep-08	10:55	No accurate value	N/A
P03-04-04	0.78	1060.429	04-Nov-08	12:45	12.319	1048.890
P03-04-05	0.78	1060.429	28-May-08	16:09	12.566	1048.643
P03-04-06	0.78	1060.429	28-May-08	16:04	12.672	1048.537
P03-04-06	0.78	1060.429	12-Aug-08	0:00	12.459	1048.750
P03-04-06	0.78	1060.429	17-Sep-08	11:45	No accurate value	N/A
P03-04-06	0.78	1060.429	04-Nov-08	12:45	12.389	1048.820
P03-04-07	0.78	1060.429	28-May-08	16:25	12.682	1048.527
P03-04-08	0.78	1060.429	28-May-08	16:30	12.697	1048.512
P03-04-09	0.78	1060.429	28-May-08	16:31	dry	N/A
P03-06-01	0.87	1061.925	28-May-08	11:25	12.339	1050.456
P03-06-02	0.87	1061.925	28-May-08	11:20	12.335	1050.460
P03-06-03	0.87	1061.925	28-May-08	10:59	12.329	1050.466
P03-06-04	0.87	1061.925	28-May-08	12:04	12.337	1050.458

Table 4. Summary of 2008 Water Level Elevations for Multi-Level Wells, Faro Mine, Yukon

Well ID	Stickup (m)	Ground Elevation (m asl)	Date	Time	Water Level Below top of Casing (m)	Water Level Elevation (m asl)
P03-06-05	0.87	1061.925	28-May-08	11:58	12.333	1050.462
P03-08-01	0.88	1047.474	27-May-08	14:45	7.407	1040.947
P03-08-01	0.88	1047.474	16-Sep-08	17:05	6.858	1041.496
P03-08-02	0.88	1047.474	27-May-08	14:50	7.403	1040.951
P03-08-02	0.88	1047.474	12-Aug-08	15:08	7.485	1040.869
P03-08-02	0.88	1047.474	04-Nov-08	10:29	7.655	1040.699
P03-08-02	0.88	1047.474	16-Sep-08	17:06	Not sampled	N/A
P03-08-03	0.88	1047.474	27-May-08	15:02	7.246	1041.108
P03-08-03	0.88	1047.474	12-Aug-08	15:13	7.313	1041.041
P03-08-03	0.88	1047.474	16-Sep-08	17:00	6.826	1041.528
P03-08-03	0.88	1047.474	04-Nov-08	10:29	7.502	1040.852
P03-08-04	0.88	1047.474	27-May-08	17:00	7.248	1041.106
P03-08-04	0.88	1047.474	12-Aug-08	15:13	7.314	1041.040
P03-08-04	0.88	1047.474	16-Sep-08	17:35	6.674	1041.680
P03-08-04	0.88	1047.474	04-Nov-08	10:29	7.506	1040.848
P03-08-05	0.88	1047.474	27-May-08	15:25	7.032	1041.322
P03-08-05	0.88	1047.474	12-Aug-08	15:13	7.068	1041.286
P03-08-05	0.88	1047.474	16-Sep-08	17:35	6.356	1041.998
P03-08-05	0.88	1047.474	04-Nov-08	10:29	7.231	1041.123
P03-08-06	0.88	1047.474	27-May-08	15:30	6.614	1041.740
P03-08-07	0.88	1047.474	27-May-08	16:26	4.831	1043.523
P03-08-07	0.88	1047.474	16-Sep-08	16:25	3.186	1045.168
P03-08-08	0.88	1047.474	27-May-08	16:24	4.722	1043.632
P03-08-08	0.88	1047.474	16-Sep-08	18:10	3.076	1045.278
P03-09-01	0.69	1017.822	27-May-08	11:15	2.532	1015.980
P03-09-01	0.69	1017.822	16-Sep-08	14:08	2.335	1016.177
P03-09-02	0.69	1017.822	27-May-08	11:21	2.957	1015.555
P03-09-02	0.69	1017.822	12-Aug-08	10:15	2.885	1015.627
P03-09-02	0.69	1017.822	16-Sep-08	14:09	2.774	1015.738
P03-09-02	0.69	1017.822	04-Nov-08	9:09	3.026	1015.486
P03-09-03	0.69	1017.822	27-May-08	11:30	3.01	1015.502
P03-09-03	0.69	1017.822	16-Sep-08	14:20	1.826	1016.686
P03-09-04	0.69	1017.822	27-May-08	11:34	3.311	1015.201
P03-09-04	0.69	1017.822	12-Aug-08	10:30	3.215	1015.297
P03-09-04	0.69	1017.822	16-Sep-08	14:25	3.122	1015.390
P03-09-04	0.69	1017.822	04-Nov-08	9:09	2.208	1016.304
P03-09-05	0.69	1017.822	27-May-08	11:44	3.355	1015.157
P03-09-05	0.69	1017.822	16-Sep-08	14:45	3.166	1015.346
P03-09-06	0.69	1017.822	27-May-08	11:47	3.364	1015.148
P03-09-06	0.69	1017.822	12-Aug-08	10:30	3.265	1015.247
P03-09-06	0.69	1017.822	16-Sep-08	14:50	3.182	1015.330
P03-09-06	0.69	1017.822	04-Nov-08	9:09	3.336	1015.176
P03-09-07	0.69	1017.822	27-May-08	12:03	3.506	1015.006
P03-09-07	0.69	1017.822	12-Aug-08	10:30	3.412	1015.100
P03-09-07	0.69	1017.822	16-Sep-08	15:07	3.337	1015.175
P03-09-07	0.69	1017.822	04-Nov-08	9:09	3.499	1015.013
P03-09-08	0.69	1017.822	27-May-08	12:07	3.475	1015.037
P03-09-08	0.69	1017.822	16-Sep-08	15:11	3.398	1015.114
P03-09-09	0.69	1017.822	27-May-08	12:11	3.882	1014.630

Table 4. Summary of 2008 Water Level Elevations for Multi-Level Wells, Faro Mine, Yukon

Well ID	Stickup (m)	Ground Elevation (m asl)	Date	Time	Water Level Below top of Casing (m)	Water Level Elevation (m asl)
P03-09-09	0.69	1017.822	12-Aug-08	10:30	3.78	1014.732
P03-09-09	0.69	1017.822	16-Sep-08	15:30	3.716	1014.796
P03-09-09	0.69	1017.822	04-Nov-08	9:09	3.855	1014.657
P05-01-01	0.68	1017.32	16-Sep-08	9:45	2.09	1015.910
P05-01-02	0.68	1017.32	16-Sep-08	10:45	2.16	1015.840
P05-01-03	0.68	1017.32	16-Sep-08	11:45	2.9	1015.100
P05-01-04	0.68	1017.32	16-Sep-08	12:45	1.048	1016.952
P05-01-05	0.68	1017.32	16-Sep-08	13:45	2.23	1015.770
P05-01-06	0.68	1017.32	16-Sep-08	14:45	2.158	1015.842

Table 5. Summary of 2008 Water Levels for Conventional Wells, Faro Mine, Yukon

Well ID	Date	Time	Water Level Below Top of Casing (m)
BH05-9B-R	4-Jun-08	16:10	Artesian
BH05-9B-R	18-Sep-08	11:15	Artesian
BH1	27-May-08	10:40	4.08
BH1	18-Sep-08	17:30	3.786
BH10A	05-Jun-08	11:40	7.3
BH10B	05-Jun-08	11:45	7.31
BH12A	27-May-08	13:23	Dry
BH12B	27-May-08	13:25	3.05
BH12B	18-Sep-08	16:00	2.942
BH13A	27-May-08	14:00	dry
BH13A	18-Sep-08	16:18	No Recharge
BH13B	27-May-08	14:05	Frozen
BH13B	18-Sep-08	16:39	2.602
BH14A	27-May-08	14:24	3.87
BH14A	18-Sep-08	15:11	2.977
BH14B	27-May-08	14:23	4.35
BH14B	18-Sep-08	15:20	3.601
BH2	27-May-08	10:00	4.607
BH2	18-Sep-08	17:12	No accurate value
BH4	27-May-08	11:25	1.99
BH4	18-Sep-08	16:20	2.294
BH5	27-May-08	11:45	1.981
BH5	18-Sep-08	14:43	1.934
BH6	27-May-08	11:15	2.91
BH6	18-Sep-08	15:30	3.239
BH8	17-May-08	3:30	18.326
BH8	18-Sep-08	18:30	14.516
P01-01A	29-May-08	14:31	3.412
P01-01A	16-Sep-08	10:30	3.785
P01-01B	29-May-08	14:32	3.37
P01-01B	16-Sep-08	11:00	3.486
P01-02A	27-May-08	16:10	2.24
P01-02A	16-Sep-08	15:21	2.015
P01-02B	27-May-08	16:30	0.36
P01-02B	16-Sep-08	14:57	Artesian
P01-03	29-May-08	11:11	Frozen
P01-03	17-Sep-08	10:37	3.046
P01-04A	29-May-08	11:57	Frozen
P01-04A	17-Sep-08	11:40	1.582
P01-04B	29-May-08	11:55	Frozen
P01-04B	17-Sep-08	12:01	2.191
P01-11	27-May-08	17:15	0.774
P01-11	16-Sep-08	16:35	0.799
P05-02	29-May-08	17:00	1.969
P05-02	16-Sep-08	16:12	1.986
P05-03	29-May-08	16:45	4.525
P05-03	16-Sep-08	15:49	4.424
P05-04	27-May-08	11:17	2.67
P2001-02A	04-Jun-08	13:57	3.518

Table 5. Summary of 2008 Water Levels for Conventional Wells, Faro Mine, Yukon

Well ID	Date	Time	Water Level Below Top of Casing (m)
P2001-02A	18-Sep-08	11:30	3.782
P2001-02B	04-Jun-08	13:59	3.545
P2001-02B	18-Sep-08	11:40	3.784
P2001-03	04-Jun-08	11:45	>30m
P2001-03	18-Sep-08	10:43	>30m
P96-6	05-Jun-08	13:10	11.22
P96-6	18-Sep-08	16:55	10.758
P96-7	28-May-08	17:08	8.373
P96-7	19-Sep-08	10:33	2.185
P96-8A	29-May-08	-	-
P96-8A	19-Sep-08	9:57	2.395
P96-8B	29-May-08	-	-
P96-8B	19-Sep-08	9:58	2.488
P96-9A	04-Jun-08	16:18	5.195
P96-9A	18-Sep-08	11:20	5.514
RGC-PW3	18-Sep-08	16:20	3.25
S1A	28-May-08	10:16	3.765
S1A	13-Aug-08	13:01	4.16
S1A	03-Nov-08	10:26	3.497
S1B	28-May-08	10:17	3.498
S1B	03-Nov-08	10:28	2.945
S2A	28-May-08	10:04	4.066
S2A	03-Nov-08	10:23	3.882
S2B	28-May-08	10:05	4.276
S2B	13-Aug-08	12:55	4.81
S2B	03-Nov-08	10:22	3.125
S3	28-May-08	10:30	2.43
S3	13-Aug-08	12:59	2.591
S3	03-Nov-08	10:40	2.494
SRK04-3A	29-May-08	15:46	6.74
SRK05-05C	04-Jun-08	15:50	1.641
SRK05-05C	18-Sep-08	9:55	1.788
SRK05-07	04-Jun-08	9:09	5.228
SRK05-07	18-Sep-08	12:10	5.38
SRK05-08	04-Jun-08	17:21	5.226
SRK05-08	18-Sep-08	12:10	5.434
SRK05-09	05-Jun-08	9:50	1.108
SRK05-09	18-Sep-08	12:50	0.974
SRK05-ETA-BR1	29-May-08	15:42	8.698
SRK05-ETA-BR2	29-May-08	15:49	4.512
SRK05-SP-1A	28-May-08	10:55	6.398
SRK05-SP-1B	28-May-08	10:56	6.59
SRK05-SP-2	28-May-08	11:15	1.477
SRK05-SP-3A	28-May-08	10:40	3.956
SRK05-SP-3B	28-May-08	10:41	3.173
SRK05-SP-4A	28-May-08	10:24	3.458
SRK05-SP-4A	03-Nov-08	10:50	4.182
SRK05-SP-4B	28-May-08	10:23	1.535
SRK05-SP-4B	13-Aug-08	12:24	1.561

Table 5. Summary of 2008 Water Levels for Conventional Wells, Faro Mine, Yukon

Well ID	Date	Time	Water Level Below Top of Casing (m)
SRK05-SP-4B	03-Nov-08	10:50	1.698
SRK05-SP-5	28-May-08	10:01	5.623
SRK05-SP-5	13-Aug-08	12:50	6.002
SRK05-SP-5	03-Nov-08	10:15	5.328
SRK05-SP-6	03-Nov-08	9:50	11.436
TH86-13	05-Jun-08	16:30	2.253
TH86-14	17-Sep-08	18:50	-
TH86-15	17-Sep-08	18:30	-
TH86-17	30-May-08	9:09	6.97
TH86-17	17-Sep-08	17:32	7.427
TH86-2	18-Sep-08	18:33	2.11
TH86-5	30-May-08	-	-
V34	04-Jun-08	-	6.037
V34	18-Sep-08	13:11	5.079
V35	04-Jun-08	10:30	7.44
V35	18-Sep-08	13:45	5.1
V36	04-Jun-08	14:47	7.802
V36	18-Sep-08	10:34	8.352
V37	04-Jun-08	9:15	8.754
V37	18-Sep-08	9:50	8.303
X16A	29-May-08	13:09	3.131
X16A	16-Sep-08	14:38	3.438
X16B	29-May-08	13:10	3.227
X16B	16-Sep-08	14:00	3.404
X17A	29-May-08	16:05	2.103
X17A	16-Sep-08	11:48	2.014
X17B	29-May-08	16:10	2.63
X17B	16-Sep-08	12:19	2.56
X18A	28-May-08	17:12	3.977
X18A	16-Sep-08	17:12	3.465
X18B	28-May-08	17:13	No accurate value
X18B	16-Sep-08	17:17	3.346
X21A-96	05-Jun-08	15:43	4.574
X21A-96	17-Sep-08	13:47	3.154
X21B-96	05-Jun-08	15:43	4.592
X21B-96	17-Sep-08	13:47	4.126
X24A-96	29-May-08	10:52	3.557
X24A-96	12-Aug-08	11:55	4.889
X24A-96	17-Sep-08	10:02	4.169
X24A-96	04-Nov-08	14:43	5.175
X24D-96	29-May-08	10:53	Frozen
X24D-96	12-Aug-08	11:56	4.486
X24D-96	17-Sep-08	10:13	3.948
X24D-96	04-Nov-08	14:42	4.952
X25A-96	29-May-08	10:20	2.668
X25A-96	12-Aug-08	13:33	3.878
X25A-96	16-Sep-08	18:04	3.304
X25A-96	04-Nov-08	15:59	4.318
X25B-96	29-May-08	10:21	2.59

Table 5. Summary of 2008 Water Levels for Conventional Wells, Faro Mine, Yukon

Well ID	Date	Time	Water Level Below Top of Casing (m)
X25B-96	12-Aug-08	13:32	3.71
X25B-96	16-Sep-08	18:05	3.185
X25B-96	04-Nov-08	15:56	4.187
New 2008 SRK Wells (High and Medium Priority)			
SRK08-P10A	05-Nov-08	15:07	9.739
SRK08-P10B	05-Nov-08	-	8.287
SRK08-P11A	05-Nov-08	-	frozen
SRK08-P11B	05-Nov-08	-	frozen
SRK08-P12A	05-Nov-08	13:00	11.538
SRK08-P12B	05-Nov-08	13:01	1.876
SRK08-P13A	05-Nov-08	-	frozen
SRK08-P13B	05-Nov-08	-	frozen
SRK08-P14	05-Nov-08	9:20	6.774
SRK08-P16	05-Nov-08	10:59	7.585
SRK08-P9	05-Nov-08	-	5.234
SRK08-SBR1	03-Nov-08	10:16	5.445
SRK08-SBR2	03-Nov-08	10:43	5.07
SRK08-SBR3	03-Nov-08	10:00	11.682
SRK08-SBR4	03-Nov-08	10:07	6.11
SRK08-SP7A	03-Nov-08	10:30	1.297
SRK08-SP7B	03-Nov-08	10:32	1.276
SRK08-SP8A	03-Nov-08	13:12	1.199
SRK08-SP8B	03-Nov-08	13:13	1.694
SRK08-SPW1	03-Nov-08	10:53	4.337
SRK08-SPW2	03-Nov-08	10:11	5.425

Table 6. 2008 Ground Water Quality Data, Faro Mine, Yukon

				General Chemistry							Anions	Metals													
Well ID	Sample Date	Sample Time	Sample Class[a]	pH (Field)	pH (Lab)	Sp. Cond. (Field)	Sp. Cond. (Lab)	Temp. (Field)	Hardness (CaCo3)	Alkalinity (Total) as CaCO3	Sulphate	Aluminum	Antimony	Arsenic	Barium	Beryllium	Bismuth	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead
				pH unit	pH unit	µS/cm	µS/cm	°C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
BH05-9B-R	04-Jun-08	0:00	M	-	8.05	-	623	-	222	-	162	0.0112	< 0.0005	0.0198	< 0.02	< 0.001	-	< 0.1	0.000038	50.7	< 0.001	< 0.0003	< 0.001	0.761	0.00667
BH05-9B-R	18-Sep-08	10:15	M	7.12	8.2	654	630	6.3	220	150	150	0.0078	0.00008	0.0203	0.0203	< 0.00001	0.000007	< 0.05	0.000012	51.6	< 0.0001	0.000097	0.00045	0.762	0.00614
BH1	27-May-08	15:00	M	6.05	6.63	344	424	5.7	215	-	73.6	0.0714	< 0.0005	< 0.0005	0.064	< 0.001	-	< 0.1	0.00468	62.4	< 0.001	0.00204	0.0055	< 0.03	0.00278
BH1	18-Sep-08	17:17	M	5.89	6.8	558	530	2.8	279	130	130	0.0712	0.00008	0.00008	0.0371	0.00013	< 0.000005	< 0.05	0.00391	81.7	0.0001	0.00124	0.00605	0.007	0.00418
BH10A	05-Jun-08	15:05	M	5.74	6.27	555	775	4.2	361	-	189	0.035	< 0.001	0.0043	< 0.02	< 0.002	-	< 0.1	< 0.000034	90.9	< 0.002	0.0196	< 0.002	34.1	< 0.001
BH10B	05-Jun-08	14:24	M	5.73	6.06	795	1080	3.8	541	-	214	0.061	< 0.001	0.0326	< 0.02	< 0.002	-	< 0.1	< 0.000034	141	< 0.002	0.00854	< 0.002	36.4	< 0.001
BH12B	27-May-08	16:30	M	7.13	7.6	1436	1730	6	1070	-	765	< 0.025	< 0.0025	< 0.0025	0.059	< 0.005	-	< 0.1	0.000489	220	< 0.005	< 0.0015	< 0.005	< 0.03	< 0.0025
BH12B	18-Sep-08	15:35	M	-	7.8	-	1000	-	568	170	350	0.0028	0.00013	0.00013	0.034	< 0.00001	< 0.000005	< 0.05	0.000334	112	0.0001	0.000071	0.00214	0.005	0.0014
BH13B	18-Sep-08	16:26	M	-	7.6	-	1700	-	1070	75	890	0.0043	0.00003	0.00007	0.0446	< 0.00001	< 0.000005	< 0.05	0.000065	262	< 0.0001	0.00264	0.00457	0.01	0.000075
BH14A	27-May-08	15:40	M	6.88	7.71	3092	3720	6	2570	-	1810	< 0.05	< 0.005	< 0.005	< 0.02	< 0.01	-	< 0.1	0.00018	634	< 0.01	< 0.003	< 0.01	< 0.03	< 0.005
BH14A	18-Sep-08	14:49	M	6.8	7.7	-	4700	-	3750	380	3200	0.003	0.0002	0.0003	0.0231	< 0.00005	< 0.00003	< 0.3	0.00214	892	< 0.0005	0.00008	0.0015	0.021	0.00207
BH14B	27-May-08	15:52	M	7.04	7.82	2846	3550	6.1	2390	-	1770	< 0.05	< 0.005	< 0.005	< 0.02	< 0.01	-	< 0.1	< 0.00017	583	< 0.01	< 0.003	< 0.01	< 0.03	< 0.005
BH14B	18-Sep-08	14:50	M	7.06	7.8	-	4000	-	3040	380	2400	< 0.001	0.0002	0.0003	0.0228	< 0.00005	< 0.00003	< 0.3	0.00144	744	< 0.0005	0.00006	0.001	0.008	0.00071
BH2	27-May-08	10:40	M	6.15	6.56	693	802	2.3	363	-	357	0.626	< 0.0025	< 0.0025	0.064	< 0.005	-	< 0.1	0.0448	101	< 0.005	0.0059	< 0.005	0.079	< 0.0025
BH2	18-Sep-08	16:58	M	5.87	7	587	550	4.6	260	82	180	0.646	0.00005	0.00008	0.0456	0.00014	< 0.000005	< 0.05	0.0337	70.9	0.0001	0.00536	0.00126	0.019	0.000934
BH4	27-May-08	12:19	M	5.58	6.2	374	457	7	220	-	172	2.08	< 0.0005	< 0.0005	< 0.02	< 0.001	-	< 0.1	0.00903	61.9	< 0.001	0.039	0.0675	0.03	0.00506
BH4	18-Sep-08	15:50	M	5.4	5.7	886	930	4.6	524	8.7	460	11.3	0.0001	0.00023	0.0233	0.0043	< 0.000005	< 0.05	0.0188	159	0.0004	0.0947	0.0938	0.219	0.00772
BH5	27-May-08	11:45	M	-	6.44	-	644	-	277	-	111	0.0556	< 0.0005	< 0.0005	0.06	< 0.001	-	< 0.1	0.000703	70.3	< 0.001	0.0152	< 0.001	19.5	< 0.0005
BH5	18-Sep-08	14:30	M	5.68	6.7	461	440	4.8	193	97	110	0.0341	0.00003	0.00028	0.0264	0.00016	< 0.000005	< 0.05	0.000645	48.7	< 0.0001	0.0115	0.00048	13.4	0.00128
BH6	27-May-08	12:03	M	6.23	6.62	363	369	1.9	165	-	69.4	0.0391	< 0.0005	< 0.0005	0.036	< 0.001	-	< 0.1	0.00115	44.5	< 0.001	0.0263	< 0.001	4.24	0.00105
BH6	18-Sep-08	15:15	M	5.86	7	469	450	2.8	211	96	120	0.031	0.00004	0.0001	0.0416	0.0001	< 0.000005	< 0.05	0.00182	58.1	< 0.0001	0.038	0.00383	5.95	0.000838
BH8	18-Sep-08	17:45	M	4.32	3.1	2450	4200	5.1	1540	< 0.5	3200	8.93	0.0005	0.0032	0.0109	0.0088	< 0.0001	< 1	0.806	305	< 0.002	0.607	1.58	642	0.408
BH8	19-Sep-08	11:30	REP	4.84	3.7	-	4700	4.5	1720	< 0.5	4000	30.9	0.0006	0.006	0.0144	0.029	< 0.0001	< 1	1	328	0.009	0.779	6.11	800	1.25
P01-01A	29-May-08	15:15	M	6.99	7.74	1457	1610	3.9	920	-	696	< 0.025	< 0.0025	< 0.0025	0.063	< 0.005	-	< 0.1	0.000655	265	< 0.005	< 0.0015	< 0.005	< 0.03	< 0.0025
P01-01A	16-Sep-08	9:38	M	7.16	8	1650	1600	3.2	929	260	750	< 0.001	0.0002	0.0003	0.0578	< 0.00005	< 0.00003	< 0.3	0.00074	273	< 0.0005	0.00116	< 0.0003	0.005	0.00005
P01-01B	29-May-08	15:40	M	7.11	7.92	1141	1210	4.7	659	-	435	< 0.01	< 0.001	0.0031	0.07	< 0.002	-	< 0.1	< 0.000034	196	< 0.002	< 0.0006	< 0.002	0.687	< 0.001
P01-01B	16-Sep-08	9:40	M	7.3	8.1	1197	1200	3.2	679	260	440	0.0006	0.00005	0.00303	0.0683	0.00003	< 0.000005	< 0.05	< 0.000005	208	< 0.0001	0.000128	< 0.00005	0.77	0.000016
P01-02A	27-May-08	17:15	M	7.76	8.13	530	678	5	360	-	133	< 0.01	< 0.001	< 0.001	0.067	< 0.002	-	< 0.1	0.000082	103	< 0.002	< 0.0006	< 0.002	0.037	< 0.001
P01-02A	16-Sep-08	14:57	M	7.61	8.2	714	710	4.8	383	250	150	0.0003	0.00004	0.00062	0.0664	< 0.00001	< 0.000005	< 0.05	0.000083	111	< 0.0001	0.000542	0.00029	0.016	0.000031
P01-02B	27-May-08	17:27	M	7.88	8.13	437	534	6.5	274	-	92.2	< 0.005	< 0.0005	0.00485	0.035	< 0.001	-	< 0.1	< 0.000017	67.7	< 0.001	< 0.0003	< 0.001	0.771	< 0.0005
P01-02B	27-May-08	17:27	REP	-	8.14	-	535	-	272	-	92.8	< 0.005	< 0.0005	0.00484	0.034	< 0.001	-	< 0.1	< 0.000017	66.9	< 0.001	< 0.0003	< 0.001	0.761	< 0.0005
P01-03	17-Sep-08	10:20	M	6.4	7.5	3080	3100	3.9	2020	370	1700	< 0.001	0.0002	0.0004	0.0135	< 0.00005	< 0.00003	< 0.3	0.00136	605	< 0.0005	0.106	< 0.0003	0.32	0.0001
P01-04A	17-Sep-08	10:44	M	6.67	7.8	1035	1000	4.4	480	570	41	0.0016	< 0.00002	0.00034	0.378	0.00019	< 0.000005	< 0.05	0.000008	128	< 0.0001	0.000148	< 0.00005	0.59	0.000012
P01-04B	17-Sep-08	10:49	M	7.06	7.9	1650	1600	3.8	885	300	750	< 0.001	0.0001	0.0014	0.0255	< 0.00005	< 0.00003	< 0.3	< 0.00003	283	< 0.0005	0.00024	< 0.0003	6.44	< 0.00003
P01-11	27-May-08	9:43	M	7.22	7.64	2430	2460	5.6	1500	-	1280	< 0.025	< 0.0025	0.0306	0.045	< 0.005	-	< 0.1	< 0.000085	451	< 0.005	0.0027	< 0.005	32.4	< 0.0025
P01-11	16-Sep-08	16:20	M	7.05	7.7	2620	2500	4.6	1590	350	1300	< 0.001	0.0001	0.0315	0.0397	< 0.00005	< 0.00003	< 0.3	< 0.00003	494	< 0.0005	0.00368	< 0.0003	36.2	0.0001
P03-01-01	29-May-08	13:55	M	6.82	8.01	452	442	4.3	239	-	27.1	-	-	-	-	-	-	-	-	72.4	-	-	-	4.29	-
P03-01-01	17-Sep-08	14:00	M	6.92	8.4	433	430	4.9	208	210	24	0.002	< 0.00002	0.0114	0.0866	< 0.00001	< 0.000005	< 0.05	< 0.000005	62.7	< 0.0001	0.0022	< 0.00005	4.49	0.000055
P03-01-02	29-May-08	13:50	SS	6.54	8.02	371	370	4.5	188	-	36.9	-	-	-	-	-	-	-	-	59.4	-	-	-	0.21	-
P03-01-02	17-Sep-08	13:55	M	6.81	8.4	412	420	5.1	207	200	25	0.0021	< 0.00002	0.00103	0.108	< 0.00001	< 0.000005	< 0.05	< 0.000005	64.2	< 0.0001	0.000775	< 0.00005	0.442	0.000018
P03-01-03	29-May-08	14:10	M	6.78	7.56	561	574	4.6	318	-	191	-	-	-	-	-	-	-	-	100	-	-	-	< 0.03	-
P03-01-03	17-Sep-08	14:18	M	6.45	8.2	273	340	5.1	159	110	57	0.0021	0.00013	0.00015	0.0548	< 0.00001	< 0.000005	< 0.05	0.000029	49.7	0.0001	0.000015	0.00033	0.002	0.000034
P03-01-04	29-May-08	14:05	M	6.51	6.71	378	388	4.5	165	-	149	-	-	-	-	-	-	-	-	52.5	-	-	-	< 0.03	-
P03-01-04	17-Sep-08	14:15	M	6.05	7.6	238	240	5.4	87.4	39	65	0.0063	0.00006	0.0001	0.0284	0.00001	< 0.000005	< 0.05	0.00136	27.5	< 0.0001	0.00934	0.00232	0.004	0.000092
P03-01-05	29-May-08	14:10	M	6.41	6.79	599	612	5.4	320	-	244	-	-	-	-	-	-	-	-	103	-	-	-	0.116	-
P03-01-05	17-Sep-08	14:40	M	5.96	6.7	483	500	5.6	222	37	190	0.0073	0.00006	0.00016	0.049	0.00002	< 0.000005	< 0.05	0.00113	71	< 0.0001	0.00494	0.00056	0.064	0.00014
P03-01-06	29-May-08	14:20	M	6.31	6.06	852	804	5.7	198	-	328	-	-	-	-	-	-	-	-	43.1	-	-	-	114	-
P03-01-06	17-Sep-08	14:40	M	6.14	5.8	769	740	6.1	150	0.7	360	0.019	< 0.0001	0.0084	0.0516	< 0.00005	< 0.00003	< 0.3	< 0.00003	37.9	< 0.0005	0.0457	< 0.0003	123	0.0002
P03-01-07	29-May-08	14:25	M	6.6	6.1	1059	906	5.7	159	-	373	-	-	-	-	-	-	-	-	33.4	-	-	-	161	-
P03-01-07	17-Sep-08	15:00	M	6.41	4.4	2600	4600	5.8	508	< 0.5	3100	< 0.002	< 0.0002	0.0014	0.013	< 0.0001	< 0.00005	< 0.5	< 0.00005	107	< 0.001	0.00612	< 0.0005	505	0.00035
P03-01-08	29-May-08	14:30	M	5.92	3.58	15610	16200	5.5	2410	-	17100	-	-	-	-	-	-	-	-	258	-	-	-	7590	-
P03-01-08	17-Sep-08	14:55	M	6.18	3.7	2600	6300	5.9	525	< 0.5	4700	< 0.004	< 0.0004	0.0006	0.0045	< 0.0002	< 0.0001	< 1	< 0.0001	87.3	< 0.002	0.0025	< 0.001	1520	0.001
P03-01-09	29-May-08	14:40	M	3.49	3.06	3590	35900	7.9	4570	-	57700	-	-	-	-	-	-	-	-	446	-	-	-	26900	-
P03-01-09	17-Sep-08	15:30	M	4.06	3.1	32300	33000	8.8	5830	< 0.5	43000	< 0.4	< 0.04	< 0.04	< 0.04	< 0.02	< 0.01	< 100	< 0.01	546	< 0.2	0.09	< 0.1	28600	0.28
P03-03-01	29-May-08	10:18	M	9.01	8	502	495	4.9	263	-	3.35	-	-	-	-	-	-	-	-	78.9	-	-	-	3.24	-
P03-03-02	29-May-08	10:08	M	4.82	4.55	2330	2420	4.4	426	-	1640	-	-	-	-	-	-	-	-	106	-	-	-	566	-
P03-03-03	29-May-08	10:32	M	5.95	6.04	775	786	4.6	339	-	327	-	-	-	-	-	-	-	-	105	-	-	-	29	-
P03-03-04	29-May-08	10:25	SS	6.46	6.36	1107	1130	4.7	479	-	498	-	-	-	-	-	-	-	-	143	-	-	-	28.3	-
P03-03-05	29-May-08	10:45	M	6.51	6.47	2550	1120	5.9	476	-	491	-	-	-	-	-	-	-	-	141	-	-	-	33.8	-
P03-03-06	29-May-08	10:54	M	6.61	5.55	4120	4000	6.8	1450	-	2500	-	-	-	-	-	-	-	-	359	-	-	-	678	-
P03-03-08	29-May-08	0:00	M	3.73	3.24	18020	17600	8.8	3760	-	21000	-	-	-	-	-	-	-	-	404	-	-	-	9670	-
P03-03-09	29-May-08	0:00	M	3.59	3.17	21800	26300	6.1	4080	-	37139	-	-	-	-	-	-	-	-	430	-	-	-	19400	-
P03-04-01	28-May-08	14:55	M	7.18	7.73	1963	2070	6.8	1080	-	979	-	-	-	-	-	-	-	-	345	-	-	-	5.25	-
P03-04-02	28-May-08	14:40	M	6.3	7.15	1472	1570	7.9	851	-	771	-	-	-	-	-	-	-	-	252	-	-	-	0.088	-

Table 6. 2008 Ground Water Quality Data, Faro Mine, Yukon

Well ID	Sample Date	Sample Time	Sample Class[a]	Metals																				
				Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus	Potassium	Sulphur	Selenium	Silicon	Silver	Sodium	Strontium	Thallium	Tin	Titanium	Uranium	Vanadium	Zinc	Zirconium
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
BH05-9B-R	04-Jun-08	0:00	M	0.0224	23.2	0.096	< 0.00002	0.0107	< 0.001	-	2	-	< 0.001	-	< 0.00002	50.6	-	< 0.0002	< 0.0005	< 0.01	0.00076	< 0.001	< 0.005	-
BH05-9B-R	18-Sep-08	10:15	M	0.0224	22.1	0.102	< 0.00001	0.0122	0.00035	0.027	1.92	64	< 0.00004	5.2	< 0.000005	49.4	1.18	< 0.000002	0.00001	0.0009	0.000809	< 0.0002	0.0047	< 0.0001
BH1	27-May-08	15:00	M	0.0136	14.4	0.129	< 0.00002	< 0.001	0.0095	-	< 2	-	< 0.001	-	< 0.00002	4.6	-	< 0.0002	< 0.0005	< 0.01	0.00129	< 0.001	2.01	-
BH1	18-Sep-08	17:17	M	0.0139	18.2	0.129	< 0.00001	0.00005	0.00743	< 0.002	1.69	55	0.0003	7.6	< 0.000005	5.27	0.345	0.000054	0.00001	0.0006	0.0014	< 0.0002	1.09	< 0.0001
BH10A	05-Jun-08	15:05	M	0.058	32.6	0.922	< 0.00002	< 0.002	0.0229	-	4.9	-	< 0.002	-	< 0.00004	12.2	-	< 0.0004	< 0.001	< 0.01	< 0.0004	< 0.002	5.31	-
BH10B	05-Jun-08	14:24	M	0.117	46.2	0.764	< 0.00002	< 0.002	0.0195	-	7.5	-	< 0.002	-	< 0.00004	20	-	< 0.0004	< 0.001	< 0.01	< 0.0004	< 0.002	3.69	-
BH12B	27-May-08	16:30	M	< 0.025	127	< 0.0015	< 0.00002	< 0.005	0.0163	-	4	-	< 0.005	-	< 0.0001	8.1	-	< 0.001	< 0.0025	< 0.01	0.0081	< 0.005	0.398	-
BH12B	18-Sep-08	15:35	M	0.0198	70.3	0.00168	< 0.00001	0.00028	0.011	0.002	3.01	134	0.00163	5.4	< 0.000005	5.4	0.501	0.000015	0.00019	0.0006	0.00553	< 0.0002	0.288	< 0.0001
BH13B	18-Sep-08	16:26	M	0.0177	99.8	0.00107	< 0.00001	0.0036	0.0101	< 0.002	3.64	336	0.0196	3.4	< 0.000005	9.21	1.38	0.000017	0.00001	< 0.0005	0.00237	< 0.0002	0.002	< 0.0001
BH14A	27-May-08	15:40	M	0.052	239	< 0.003	< 0.00002	< 0.01	< 0.01	-	3.5	-	< 0.01	-	< 0.0002	15.9	-	< 0.002	< 0.005	< 0.01	0.133	< 0.01	0.342	-
BH14A	18-Sep-08	14:49	M	0.073	370	0.0093	< 0.00005	0.0004	0.0881	< 0.01	4.18	1150	0.0012	8.8	0.00006	18	4.05	< 0.00001	0.00006	0.005	0.153	< 0.001	11.9	< 0.0005
BH14B	27-May-08	15:52	M	0.05	226	< 0.003	< 0.00002	< 0.01	< 0.01	-	3.8	-	< 0.01	-	< 0.0002	13.7	-	< 0.002	< 0.005	< 0.01	0.151	< 0.01	0.27	-
BH14B	18-Sep-08	14:50	M	0.06	288	0.0043	< 0.00005	0.0004	0.0505	< 0.01	3.96	877	0.0008	7.8	0.00006	16.3	3.44	< 0.00001	0.00007	0.004	0.147	< 0.001	7.08	< 0.0005
BH2	27-May-08	10:40	M	< 0.025	26.7	0.755	< 0.00002	< 0.005	0.107	-	2.6	-	< 0.005	-	< 0.0001	4.9	-	< 0.001	< 0.0025	< 0.01	< 0.001	< 0.005	21.6	-
BH2	18-Sep-08	16:58	M	0.0166	20.2	0.285	< 0.00001	0.00006	0.0675	< 0.002	2.12	75	0.00033	6.6	< 0.000005	4.25	0.323	0.000058	< 0.00001	0.0006	0.0001	< 0.0002	14.6	< 0.0001
BH4	27-May-08	12:19	M	0.0319	16	0.534	< 0.00002	< 0.001	0.0462	-	< 2	-	< 0.001	-	< 0.00002	4.9	-	< 0.0002	< 0.0005	< 0.01	< 0.0002	< 0.001	4.67	-
BH4	18-Sep-08	15:50	M	0.0627	31.1	1.03	< 0.00001	< 0.00005	0.129	0.006	2.15	198	0.00015	10	< 0.000005	7.04	0.604	0.000108	< 0.00001	0.0006	0.00085	< 0.0002	8.27	< 0.0001
BH5	27-May-08	11:45	M	0.0412	24.6	1.27	< 0.00002	< 0.001	0.0207	-	3.3	-	< 0.001	-	< 0.00002	13.4	-	< 0.0002	< 0.0005	< 0.01	0.00024	< 0.001	2.53	-
BH5	18-Sep-08	14:30	M	0.0287	17.3	1.15	< 0.00001	< 0.00005	0.0151	< 0.002	2.64	46	0.00004	8.3	0.000014	6.99	0.23	0.000055	< 0.00001	0.0009	0.000116	< 0.0002	1.8	< 0.0001
BH6	27-May-08	12:03	M	0.0229	13.1	1.11	< 0.00002	< 0.001	0.0253	-	< 2	-	< 0.001	-	< 0.00002	4.6	-	< 0.0002	< 0.0005	< 0.01	0.00079	< 0.001	3.39	-
BH6	18-Sep-08	15:15	M	0.0252	16.1	1.68	< 0.00001	0.00008	0.0355	< 0.002	2.19	50	< 0.00004	7.3	< 0.000005	4.74	0.3	0.000049	0.00001	0.0009	0.001	< 0.0002	4.7	< 0.0001
BH8	18-Sep-08	17:45	M	0.09	189	13.4	< 0.0002	< 0.001	0.556	< 0.04	7.7	1080	0.001	4	0.0003	36.4	1.23	0.00752	0.0004	0.02	0.0202	< 0.004	256	< 0.002
BH8	19-Sep-08	11:30	REP	0.11	218	16.4	< 0.0002	< 0.001	0.654	< 0.04	7.7	1270	0.0015	7	0.0004	34.4	1.26	0.00803	< 0.0002	0.03	0.0818	< 0.004	321	< 0.002
P01-01A	29-May-08	15:15	M	< 0.025	62.5	4.58	< 0.00002	< 0.005	0.0055	-	6.1	-	< 0.005	-	< 0.0001	25.2	-	< 0.001	< 0.0025	< 0.01	0.0069	< 0.005	0.0064	-
P01-01A	16-Sep-08	9:38	M	0.012	59.8	4.91	< 0.00005	0.0012	0.0064	< 0.01	5.96	266	< 0.0002	5.3	0.00004	24.4	0.909	0.00001	< 0.00005	0.004	0.00805	< 0.001	0.0037	< 0.0005
P01-01B	29-May-08	15:40	M	0.013	41.2	0.0873	< 0.00002	< 0.002	< 0.002	-	4	-	< 0.002	-	< 0.00004	24.1	-	< 0.0004	< 0.001	< 0.01	0.00662	< 0.002	< 0.005	-
P01-01B	16-Sep-08	9:40	M	0.0118	38.6	0.0919	< 0.00001	0.0011	0.00044	0.004	4.14	166	< 0.00004	5.1	< 0.000005	23.4	0.813	< 0.000002	< 0.00001	< 0.0005	0.00789	< 0.0002	0.0006	0.0007
P01-02A	27-May-08	17:15	M	< 0.01	25.3	1.16	< 0.00002	< 0.002	0.0024	-	2.8	-	< 0.002	-	< 0.00004	10.4	-	< 0.0004	< 0.001	< 0.01	0.00253	< 0.002	< 0.005	-
P01-02A	16-Sep-08	14:57	M	0.0064	25.7	1.19	< 0.00001	0.00177	0.00239	0.002	2.9	56	< 0.00004	4.5	< 0.000005	9.18	0.328	0.000012	< 0.00001	0.0005	0.00298	< 0.0002	0.0011	< 0.0001
P01-02B	27-May-08	17:27	M	0.0055	25.6	0.111	< 0.00002	< 0.001	< 0.001	-	2.2	-	< 0.001	-	< 0.00002	9.2	-	< 0.0002	< 0.0005	< 0.01	0.00229	< 0.001	0.0057	-
P01-02B	27-May-08	17:27	REP	0.0061	25.5	0.111	< 0.00002	< 0.001	< 0.001	-	2.1	-	< 0.001	-	< 0.00002	9.1	-	< 0.0002	< 0.0005	< 0.01	0.00221	< 0.001	< 0.005	-
P01-03	17-Sep-08	10:20	M	0.019	125	60.2	< 0.00005	< 0.0003	0.162	< 0.01	7.02	658	< 0.0002	9.9	< 0.00003	39.8	1.56	0.00001	< 0.00005	0.007	0.00709	< 0.001	0.0201	< 0.0005
P01-04A	17-Sep-08	10:44	M	0.14	39.2	0.226	0.00001	< 0.00005	0.00011	0.014	3.24	15	0.00005	6.9	0.000166	64.8	1.62	< 0.000002	< 0.00001	0.0012	0.000346	0.0005	0.0002	0.0644
P01-04B	17-Sep-08	10:49	M	0.016	43.7	2.4	< 0.00005	0.0005	0.0005	< 0.01	4.54	254	< 0.0002	5.6	< 0.00003	43.2	0.734	< 0.00001	< 0.00005	0.008	0.00431	< 0.001	< 0.0005	0.0016
P01-11	27-May-08	9:43	M	< 0.025	91.3	18.2	< 0.00002	< 0.005	< 0.005	-	7.1	-	< 0.005	-	< 0.0001	45.7	-	< 0.001	< 0.0025	< 0.01	0.0052	< 0.005	< 0.005	-
P01-11	16-Sep-08	16:20	M	0.017	87	19.8	< 0.00005	0.0011	0.0074	< 0.01	7.24	496	< 0.0002	8.4	0.0001	43.2	1.13	< 0.00001	< 0.00005	0.008	0.00668	< 0.001	0.0036	< 0.0005
P03-01-01	29-May-08	13:55	M	-	14.2	0.152	-	-	-	-	2.6	-	-	-	-	8.5	-	-	-	-	-	-	0.0063	-
P03-01-01	17-Sep-08	14:00	M	0.014	12.5	0.139	< 0.00001	0.00332	0.00007	0.028	2.24	7	< 0.00004	6.1	< 0.000005	7.14	0.352	< 0.000002	< 0.00001	< 0.0005	0.000403	< 0.0002	0.0046	< 0.0001
P03-01-02	29-May-08	13:50	SS	-	10.3	0.664	-	-	-	-	2.7	-	-	-	-	3.4	-	-	-	-	-	-	0.007	-
P03-01-02	17-Sep-08	13:55	M	0.0047	11.3	0.786	< 0.00001	0.00623	0.00065	< 0.002	2.68	8	< 0.00004	4	< 0.000005	5.31	0.264	< 0.000002	< 0.00001	< 0.0005	0.00323	< 0.0002	0.0132	< 0.0001
P03-01-03	29-May-08	14:10	M	-	16.2	0.00253	-	-	-	-	< 2	-	-	-	-	3.6	-	-	-	-	-	-	0.0077	-
P03-01-03	17-Sep-08	14:18	M	0.0042	8.38	0.00029	< 0.00001	0.00033	0.00093	< 0.002	1.37	20	0.00054	5.1	< 0.000005	2.67	0.215	0.000004	< 0.00001	< 0.0005	0.00238	< 0.0002	0.0048	< 0.0001
P03-01-04	29-May-08	14:05	M	-	8.35	8.66	-	-	-	-	< 2	-	-	-	-	3	-	-	-	-	-	-	2.75	-
P03-01-04	17-Sep-08	14:15	M	0.0217	4.57	6.46	< 0.00001	0.00006	0.177	< 0.002	1.45	26	0.00015	6.5	< 0.000005	2.68	0.0933	0.000009	< 0.00001	< 0.0005	0.000044	< 0.0002	2.51	< 0.0001
P03-01-05	29-May-08	14:10	M	-	15.2	3.4	-	-	-	-	2.6	-	-	-	-	5.2	-	-	-	-	-	-	0.0728	-
P03-01-05	17-Sep-08	14:40	M	0.0474	10.8	3.04	< 0.00001	0.00008	0.0783	< 0.002	1.99	71	< 0.00004	10.9	0.000007	4.02	0.21	0.000008	< 0.00001	< 0.0005	0.000037	< 0.0002	0.0633	< 0.0001
P03-01-06	29-May-08	14:20	M	-	22	3.29	-	-	-	-	4	-	-	-	-	30.2	-	-	-	-	-	-	4.28	-
P03-01-06	17-Sep-08	14:40	M	0.007	13.3	4.38	< 0.00005	< 0.0003	0.0416	< 0.01	2.82	122	< 0.0002	5.6	0.00015	15.3	0.153	0.00004	< 0.00005	0.005	0.00004	< 0.001	5.45	< 0.0005
P03-01-07	29-May-08	14:25	M	-	18.5	3.19	-	-	-	-	7.9	-	-	-	-	49.6	-	-	-	-	-	-	12.6	-
P03-01-07	17-Sep-08	15:00	M	0.086	58.2	4.93	< 0.0001	0.0982	0.0032	< 0.02	34.7	890	< 0.0004	3	0.00006	509	0.315	0.00004	< 0.0001	< 0.005	< 0.00002	< 0.002	20.8	< 0.001
P03-01-08	29-May-08	14:30	M	-	428	55.5	-	-	-	-	80	-	-	-	-	728	-	-	-	-	-	-	852	-
P03-01-08	17-Sep-08	14:55	M	0.05	74.5	10.4	< 0.0002	0.086	0.0014	< 0.04	24.8	1420	< 0.0008	< 2	0.0003	364	0.253	0.00013	< 0.0002	< 0.01	< 0.00004	< 0.004	149	< 0.002
P03-01-09	29-May-08	14:40	M	-	839	217	-	-	-	-	72	-	-	-	-	332	-	-	-	-	-	-	3800	-
P03-01-09	17-Sep-08	15:30	M	< 1	1080	241	< 0.02	< 0.1	0.47	< 4	148	23800	< 0.08	< 200	< 0.01	453	1.5	< 0.004	0.04	1	< 0.004	< 0.4	4880	< 0.2
P03-03-01	29-May-08	10:18	M	-	16.1	0.124	-	-	-	-	2.6	-	-	-	-	9.9	-	-	-	-	-	-	< 0.005	-
P03-03-02	29-May-08	10:08	M	-	39.2	15.1	-	-	-	-	5	-	-	-	-	12.4	-	-	-	-	-	-	115	-
P03-03-03	29-May-08	10:32	M	-	18.8	17.1	-	-	-	-	2.8	-	-	-	-	10.8	-	-	-	-	-	-	5.45	-
P03-03-04	29-May-08	10:25	SS	-	29.7	41	-	-	-	-	3.7	-	-	-	-	30.3	-	-	-	-	-	-	0.623	-
P03-03-05	29-May-08	10:45	M	-	29.9	41.7	-	-	-	-	3.8	-	-	-	-	31.2	-	-	-	-	-	-	0.546	-
P03-03-06	29-May-08	10:54	M	-	133	31.2	-	-	-	-	7.1	-	-	-	-	136	-	-	-	-	-	-	< 0.05	-
P03-03-08	29-May-08	0:00	M	-	667	88.8	-	-	-	-	74	-	-	-	-	452	-	-	-	-	-	-	214	-
P03-03-09	29-May-08	0:00	M	-	731	170	-	-	-	-	59	-	-	-	-	401	-	-	-	-	-	-	756	-
P03-04-01	28-May-08	14:55	M	-	53.6	1.97	-	-	-	-	5.4	-	-	-	-	89	-	-	-	-	-	-	< 0.005	-
P03-04-02	28-May-08	14:40	M	-	53.6	33.2	-	-	-	-	4	-	-	-	-	22.5	-	-	-	-	-	-	0.042	-

Table 6. 2008 Ground Water Quality Data, Faro Mine, Yukon

Well ID	Sample Date	Sample Time	Sample Class[a]	General Chemistry							Anions	Metals													
						Sp. Cond.	Sp. Cond.	Temp.	Hardness	Alkalinity (Total) as															
				pH (Field)	pH (Lab)	(Field)	(Lab)	(Field)	(CaCo3)	CaCO3	Sulphate	Aluminum	Antimony	Arsenic	Barium	Beryllium	Bismuth	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead
				pH unit	pH unit	µS/cm	µS/cm	°C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
P03-04-02	12-Aug-08	0:00	M	6.19	6.9	1535	1500	5.7	949	120	780	0.0037	0.00003	0.00031	0.0147	0.00002	< 0.000005	< 0.05	0.00191	287	< 0.0001	0.111	0.00016	0.244	0.000084
P03-04-02	17-Sep-08	11:30	M	6.25	7	1464	1500	5.8	865	130	850	0.0032	0.00003	0.00018	0.0158	0.00002	< 0.000005	< 0.05	0.00214	263	0.0002	0.106	0.00025	0.103	0.000091
P03-04-02	04-Nov-08	12:43	M	6.41	7.4	1502	1600	2.11	796	130	700	0.0034	0.00002	0.00025	0.0148	0.00002	< 0.000005	< 0.05	0.0019	237	< 0.0001	0.102	0.00016	0.211	0.000053
P03-04-03	28-May-08	15:36	SS	6.18	6.71	1408	1480	6.2	805	-	735	-	-	-	-	-	-	-	-	236	-	-	-	0.168	-
P03-04-04	28-May-08	15:30	M	7.19	7.64	1189	1240	5.6	497	-	421	-	-	-	-	-	-	-	-	162	-	-	-	4.88	-
P03-04-04	12-Aug-08	0:00	M	7.11	7.7	1265	1200	7.7	552	200	480	0.0039	0.00003	0.00583	0.0519	< 0.00001	< 0.000005	< 0.05	< 0.000005	182	0.0001	0.00344	0.00021	5.24	0.0001
P03-04-04	17-Sep-08	10:55	M	6.86	7.7	1200	1200	5.7	514	210	520	0.0064	0.00003	0.00607	0.0550	<0.00001	<0.000005	<0.05	0.000010	171	<0.0001	0.00289	0.00285	5.82	0.000232
P03-04-04	04-Nov-08	12:45	M	7.06	7.9	1231	1200	2.7	471	210	440	0.0013	< 0.00002	0.00555	0.0511	< 0.00001	< 0.000005	< 0.05	< 0.000005	154	< 0.0001	0.00285	< 0.00005	5.51	0.000027
P03-04-05	28-May-08	16:09	M	-	6.8	1535	1570	5.3	831	-	795	-	-	-	-	-	-	-	-	251	-	-	-	23.7	-
P03-04-06	28-May-08	16:04	M	6.42	5.83	5000	4950	5.8	1600	-	3990	-	-	-	-	-	-	-	-	473	-	-	-	1260	-
P03-04-06	12-Aug-08	0:00	M	6.38	5.6	5030	4800	7	1600	13	3900	0.005	< 0.0004	0.0161	0.0075	< 0.0002	< 0.0001	< 1	< 0.0001	482	< 0.002	0.0376	< 0.001	1250	< 0.0001
P03-04-06	17-Sep-08	11:45	M	6.27	5.3	5030	4800	5.1	1650	7.8	4000	< 0.01	< 0.001	0.015	0.008	< 0.0005	< 0.0003	< 3	< 0.0003	495	< 0.005	0.0341	< 0.003	1280	< 0.0003
P03-04-06	04-Nov-08	12:45	M	6.12	5.7	4479	4500	2.9	1490	10	3800	< 0.004	< 0.0004	0.015	0.0073	< 0.0002	< 0.0001	< 1	< 0.0001	444	< 0.002	0.031	< 0.001	1250	0.0003
P03-04-07	28-May-08	16:25	M	6.39	5.81	4610	4840	6.1	1590	-	3870	-	-	-	-	-	-	-	-	469	-	-	-	1190	-
P03-04-08	28-May-08	16:30	M	5.91	4.49	6190	7060	8	1370	-	6260	-	-	-	-	-	-	-	-	395	-	-	-	2670	-
P03-06-01	28-May-08	11:25	M	6.08	6.63	2306	2800	4.7	1700	-	1740	-	-	-	-	-	-	-	-	470	-	-	-	16.4	-
P03-06-02	28-May-08	11:20	M	5.76	5.98	2400	3380	9	1820	-	2260	-	-	-	-	-	-	-	-	493	-	-	-	247	-
P03-06-03	28-May-08	10:59	SS	6.16	5.97	2350	3720	4.9	1920	-	2610	-	-	-	-	-	-	-	-	519	-	-	-	328	-
P03-06-04	28-May-08	12:04	M	6.75	6.61	1911	1930	5.5	1100	-	1090	-	-	-	-	-	-	-	-	313	-	-	-	59.1	-
P03-06-05	28-May-08	11:58	M	6.68	6.03	1598	1430	5.6	518	-	805	-	-	-	-	-	-	-	-	94.8	-	-	-	174	-
P03-08-01	27-May-08	14:45	M	7.33	8.13	509	532	4.9	300	-	38.8	-	-	-	-	-	-	-	-	74	-	-	-	< 0.03	-
P03-08-01	16-Sep-08	17:05	M	7.61	7.4	504	530	4.9	287	240	43	< 0.002	< 0.0002	0.0004	0.0815	< 0.0001	< 0.00005	< 0.5	< 0.00005	71.2	< 0.001	0.00012	< 0.0005	0.04	0.00012
P03-08-02	27-May-08	14:50	M	7.09	8	585	623	5.5	336	-	82.3	-	-	-	-	-	-	-	-	93.4	-	-	-	< 0.03	-
P03-08-02	12-Aug-08	15:08	M	7.23	7.8	556.2	560	6	279	240	90	0.006	0.0001	0.0004	0.159	< 0.00005	< 0.00003	< 0.3	< 0.00003	74	< 0.0005	0.00053	0.0017	0.067	0.00006
P03-08-02	04-Nov-08	10:29	M	7.18	8	566	600	2.6	291	260	78	0.004	< 0.0001	0.0004	0.172	< 0.00005	< 0.00003	< 0.3	< 0.00003	78.3	< 0.0005	0.00056	0.0014	0.021	0.00004
P03-08-03	27-May-08	15:02	M	7.19	7.97	808	848	6	464	-	183	-	-	-	-	-	-	-	-	132	-	-	-	0.058	-
P03-08-03	12-Aug-08	15:13	M	7.15	7.8	914	920	5.2	512	300	230	0.0061	0.00007	0.0004	0.166	< 0.00001	< 0.000005	< 0.05	0.000029	149	0.0002	0.000385	0.00341	0.051	0.000063
P03-08-03	16-Sep-08	17:00	M	7.34	8.2	859	910	4.5	497	300	210	0.0033	0.00008	0.00043	0.172	< 0.00001	< 0.000005	< 0.05	0.000025	144	0.0002	0.000305	0.00327	0.072	0.000077
P03-08-03	04-Nov-08	10:29	M	7.13	8	839	910	2.7	463	320	210	0.0047	0.00007	0.00038	0.166	< 0.00001	< 0.000005	< 0.05	0.000027	132	< 0.0001	0.000329	0.00347	0.069	0.000043
P03-08-04	27-May-08	17:00	M	6.97	7.49	1267	1330	6.2	670	-	437	-	-	-	-	-	-	-	-	191	-	-	-	37.6	-
P03-08-04	12-Aug-08	15:13	M	7.2	7.5	1377	1300	8.3	733	300	460	0.0044	0.00018	0.00127	0.0259	0.00002	< 0.000005	< 0.05	0.000006	213	0.0009	0.000553	0.00006	36.6	0.000502
P03-08-04	16-Sep-08	17:35	M	7.09	7.9	1470	1500	5.5	827	310	550	0.005	0.0008	0.0046	0.0334	< 0.00005	< 0.00003	< 0.3	< 0.00003	242	0.0017	0.00054	0.0005	50.1	0.00739
P03-08-04	04-Nov-08	10:29	M	7.07	7.6	1306	1400	1.8	706	300	640	0.0059	0.00007	0.00066	0.0217	0.00002	< 0.000005	< 0.05	< 0.000005	203	0.001	0.00056	0.00005	49.5	0.000211
P03-08-05	27-May-08	15:25	M	7.09	7.47	2140	2140	10.1	1020	-	971	-	-	-	-	-	-	-	-	290	-	-	-	50.1	-
P03-08-05	12-Aug-08	15:13	M	7.32	7.5	2183	2100	8.5	956	290	920	0.021	0.0002	0.0008	0.0091	< 0.00005	< 0.00003	< 0.3	< 0.00003	280	0.0011	0.00117	< 0.0003	54.5	0.00017
P03-08-05	16-Sep-08	17:35	M	7.28	7.8	1994	2000	5.2	989	310	900	0.039	0.0014	0.0038	0.0387	0.00007	< 0.00003	< 0.3	< 0.00003	293	0.0022	0.00111	0.0011	73.4	0.0151
P03-08-05	04-Nov-08	10:29	M	7.17	7.6	1657	2000	1.7	911	300	960	0.026	0.0003	0.0028	0.0141	0.00007	< 0.00003	< 0.3	< 0.00003	266	0.0018	0.00106	< 0.0003	76.7	0.00058
P03-08-06	27-May-08	15:30	M	6.99	6.54	1978	2060	10.6	878	-	1130	-	-	-	-	-	-	-	-	339	-	-	-	2.2	-
P03-08-07	27-May-08	16:26	M	7.4	7.36	1123	1080	7.3	296	-	442	-	-	-	-	-	-	-	-	114	-	-	-	0.706	-
P03-08-07	16-Sep-08	16:25	M	7.48	7.7	894	950	7.1	190	50	370	0.0157	0.00314	0.00165	0.0275	< 0.00001	< 0.000005	< 0.05	0.000023	72.7	0.0002	0.00322	0.00036	0.242	0.00943
P03-08-08	27-May-08	16:24	M	7.61	8.08	459	466	9.1	80.1	-	102	-	-	-	-	-	-	-	-	18.5	-	-	-	< 0.03	-
P03-08-08	16-Sep-08	18:10	M	7.59	8	446	490	5.5	88.1	100	92	0.0092	0.00414	0.00152	0.0376	< 0.00001	< 0.000005	< 0.05	0.000026	21	0.0002	0.00125	0.00045	0.05	0.0107
P03-09-01	27-May-08	11:15	M	6.79	7.72	1296	1360	6.1	733	-	455	< 0.01	< 0.001	0.0014	0.036	< 0.002	-	< 0.1	< 0.000034	198	< 0.002	< 0.0006	< 0.002	6.75	< 0.001
P03-09-01	16-Sep-08	14:08	M	7.11	8.1	1217	1300	5.7	714	320	450	0.0006	< 0.00002	0.00159	0.0378	0.00004	< 0.000005	< 0.05	< 0.000005	196	0.0002	0.000081	0.00011	7.34	0.000378
P03-09-02	27-May-08	11:21	M	6.8	7.75	1316	1360	5.8	721	-	443	< 0.01	< 0.001	0.0015	0.036	< 0.002	-	< 0.1	< 0.000034	194	< 0.002	< 0.0006	< 0.002	6.74	< 0.001
P03-09-02	12-Aug-08	10:15	M	6.94	7.8	1289	1300	5.2	730	320	420	0.0043	< 0.00002	0.00166	0.0364	0.00003	< 0.000005	< 0.05	< 0.000005	202	0.0001	0.00011	< 0.00005	6.96	0.000065
P03-09-02	16-Sep-08	14:09	M	7.21	8.2	1194	1300	4.2	660	320	420	0.0003	< 0.00002	0.00172	0.036	0.00003	< 0.000005	< 0.05	< 0.000005	178	0.0001	0.000099	< 0.00005	8.04	0.000034
P03-09-02	04-Nov-08	9:09	M	6.88	7.9	1272	1300	3.5	620	330	450	0.0026	< 0.00002	0.00152	0.0359	0.00003	< 0.000005	< 0.05	< 0.000005	168	< 0.0001	0.000095	0.00006	8.23	0.000527
P03-09-03	27-May-08	11:30	M	6.75	7.87	1196	1220	5.5	651	-	431	< 0.01	< 0.001	< 0.001	0.046	< 0.002	-	< 0.1	0.000149	194	< 0.002	0.00514	< 0.002	< 0.03	< 0.001
P03-09-03	16-Sep-08	14:20	M	7.16	8.1	1438	1600	4.7	893	290	700	< 0.0002	0.00004	0.00017	0.0646	< 0.00001	< 0.000005	< 0.05	0.000074	272	0.0002	0.00778	0.00026	0.043	< 0.000005
P03-09-04	27-May-08	11:34	M	6.73	7.9	1159	1250	5.3	674	-	451	< 0.025	< 0.0025	< 0.0025	0.042	< 0.005	-	< 0.1	0.000582	203	< 0.005	0.0031	< 0.005	< 0.03	< 0.0025
P03-09-04	12-Aug-08	10:30	M	6.99	7.8	1400	1500	4.7	928	290	600	0.0028	0.00005	0.0001	0.0523	< 0.00001	< 0.000005	< 0.05	0.000226	287	< 0.0001	0.00443	0.0002	0.023	0.000006
P03-09-04	16-Sep-08	14:25	M	7.32	8.2	1438	1500	4.9	901	290	650	< 0.001	< 0.0001	0.0003	0.0552	< 0.00005	< 0.00003	< 0.3	0.00045	277	< 0.0005	0.00459	< 0.0003	0.038	0.00003
P03-09-04	04-Nov-08	9:09	M	6.83	7.9	1520	1500	3.4	806	290	630	0.0008	0.00005	0.0001	0.0496	< 0.00001	< 0.000005	< 0.05	0.000475	244	< 0.0001	0.00447	0.00023	0.013	0.000006
P03-09-05	27-May-08	11:44	M	6.82	7.92	1161	1240	5.5	670	-	442	< 0.025	< 0.0025	< 0.0025	0.042	< 0.005	-	< 0.1	0.000192	202	< 0.005	0.0045	< 0.005	< 0.03	< 0.0025
P03-09-05	16-Sep-08	14:45	M	7.22	8.1	1456	1600	4.6	900	280	590	< 0.001	< 0.0001	0.0003	0.0542	< 0.00005	< 0.00003	< 0.3	0.00014	274	< 0.0005	0.00612	< 0.0003	0.057	0.00004
P03-09-06	27-May-08	11:47	M	6.72	7.93	1296	1370	5.7	748	-	506	< 0.025	< 0.0025	< 0.0025	0.059	< 0.005	-	< 0.1	0.000428	224	< 0.005	< 0.0015	< 0.005	< 0.03	< 0.0025
P03-09-06	12-Aug-08	10:30	M	7.01	7.8	1333	1300	5	823	280	490	0.0022	0.00006	0.0001	0.0624	< 0.00001	< 0.000005	< 0.05	0.00027	250	< 0.0001	0.00122	0.0002	0.032	0.000022
P03-09-06	16-Sep-08	14:50	M	7.21	8.2	1343	1400	4.6	810	290	510	< 0.001	< 0.0001	0.0003	0.0656	< 0.00005	< 0.00003	< 0.3	0.00031	242	< 0.0005	0.00117	< 0.0003	0.046	0.00004
P03-09-06	04-Nov-08	9:09	M	6.92	7.9	1461	1500	2.8	855	300	720	0.0011	0.00005	0.00009	0.0659	< 0.00001	< 0.000005	< 0.05	0.000469	255	< 0.0001	0.00129	0.00023	0.013	0.000023
P03-09-07	27-May-08	12:03	M	6.96	7.83	1377	1460	5.3	795	-	562	< 0.025	< 0.0025	< 0.0025	0.048	< 0.005	-	< 0.1	0.000545	240	< 0.005	< 0.0015	< 0.005	< 0.03	< 0.0025
P03-09-07	12-Aug-08	10:30	M	6.97	7.8	1488	1500	4.8	936	280	630	0.0023	0.00005	0.00009	0.0528	< 0.00001	< 0.000005	< 0.05	0.000469	288	< 0.0001	0.00169	0.00016	0.022	0.000159
P03-09-07	16-Sep-08	15:07	M	7.19	8.2	1529	1600	5.1	965	290	640	< 0.001	< 0.0001	0.0002	0.0543	< 0.00005	< 0.00003	< 0.3	0.00033	295	< 0.0005	0.00171	< 0.0003	0.038	< 0.00003
P03-09-07	04-Nov-08	9:09	M	6.82	7.8	1675	1700	3.3	1010	310	830	0.0015	0.00005	0.00008	0.0487	< 0.00001	< 0.000005	< 0.05	0.00075	304	< 0.0001	0.00189	0.00021	0.015	0.000023

Table 6. 2008 Ground Water Quality Data, Faro Mine, Yukon

Well ID	Sample Date	Sample Time	Sample Class[a]	Metals																			
				Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus	Potassium	Sulphur	Selenium	Silicon	Silver	Sodium	Strontium	Thallium	Tin	Titanium	Uranium	Vanadium	Zinc	Zirconium
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
P03-04-02	12-Aug-08	0:00	M	0.0151	56.8	34.7	0.00001	0.00017	0.157	< 0.002	4.33	330	< 0.00004	13.9	< 0.000005	25.1	0.65	0.000027	< 0.00001	< 0.0005	0.000613	< 0.0002	0.0401	< 0.0001
P03-04-02	17-Sep-08	11:30	M	0.0153	50.6	30.6	< 0.00001	0.00015	0.152	< 0.002	4.22	301	< 0.00004	9.8	< 0.000005	22.7	0.617	0.000026	< 0.00001	< 0.0005	0.000631	< 0.0002	0.0426	< 0.0001
P03-04-02	04-Nov-08	12:43	M	0.0148	49.6	29	< 0.00001	0.00014	0.147	< 0.002	3.5	272	< 0.00004	9.2	< 0.000005	21.9	0.617	0.000021	< 0.00001	< 0.0005	0.000633	< 0.0002	0.0344	< 0.0001
P03-04-03	28-May-08	15:36	SS	-	51.8	31.9	-	-	-	-	3.7	-	-	-	-	20.4	-	-	-	-	-	-	0.0496	-
P03-04-04	28-May-08	15:30	M	-	22.5	5.38	-	-	-	-	3.2	-	-	-	-	82.5	-	-	-	-	-	-	0.0053	-
P03-04-04	12-Aug-08	0:00	M	0.0085	23.5	5.58	< 0.00001	0.00166	0.0027	0.014	3.23	189	< 0.00004	6.9	< 0.000005	91.7	0.423	< 0.000002	< 0.00001	< 0.0005	0.00257	< 0.0002	0.0105	< 0.0001
P03-04-04	17-Sep-08	10:55	M	0.0085	21.5	4.94	<0.00001	0.00174	0.00179	0.019	3.23	185	<0.00004	6.2	0.000012	87.8	0.403	<0.000002	0.00001	0.0008	0.00265	<0.0002	0.0096	0.0002
P03-04-04	04-Nov-08	12:45	M	0.0085	21.2	4.7	< 0.00001	0.00162	0.00166	0.013	2.87	163	< 0.00004	4.2	< 0.000005	85.6	0.414	< 0.000002	< 0.00001	< 0.0005	0.00275	< 0.0002	0.0017	< 0.0001
P03-04-05	28-May-08	16:09	M	-	49.8	40.3	-	-	-	-	3.7	-	-	-	-	22.7	-	-	-	-	-	-	0.0209	-
P03-04-06	28-May-08	16:04	M	-	101	14	-	-	-	-	11.3	-	-	-	-	104	-	-	-	-	-	-	3.32	-
P03-04-06	12-Aug-08	0:00	M	0.04	97.3	13.1	< 0.0002	< 0.001	0.0911	< 0.04	10.3	1310	< 0.0008	10	0.0002	114	1.72	0.00004	< 0.0002	< 0.01	0.00317	< 0.004	3.83	< 0.002
P03-04-06	17-Sep-08	11:45	M	0.04	101	12.9	< 0.0005	< 0.003	0.087	< 0.1	10.8	1430	< 0.002	11	< 0.0003	115	1.98	< 0.0001	< 0.0005	< 0.03	0.003	< 0.01	3.95	< 0.005
P03-04-06	04-Nov-08	12:45	M	0.04	92.2	9.39	< 0.0002	< 0.001	0.0703	< 0.04	9.3	1150	< 0.0008	8	< 0.0001	94	2.25	< 0.00004	< 0.0002	< 0.01	0.0025	< 0.004	1.4	< 0.002
P03-04-07	28-May-08	16:25	M	-	101	12.3	-	-	-	-	11.3	-	-	-	-	101	-	-	-	-	-	-	2.62	-
P03-04-08	28-May-08	16:30	M	-	94.1	20.8	-	-	-	-	9.7	-	-	-	-	111	-	-	-	-	-	-	2.33	-
P03-06-01	28-May-08	11:25	M	-	127	56.9	-	-	-	-	3.9	-	-	-	-	34.1	-	-	-	-	-	-	1.89	-
P03-06-02	28-May-08	11:20	M	-	143	84.7	-	-	-	-	4.5	-	-	-	-	29.7	-	-	-	-	-	-	3.98	-
P03-06-03	28-May-08	10:59	SS	-	153	111	-	-	-	-	5.3	-	-	-	-	21	-	-	-	-	-	-	5.24	-
P03-06-04	28-May-08	12:04	M	-	77.9	31.9	-	-	-	-	3.4	-	-	-	-	17.5	-	-	-	-	-	-	4.81	-
P03-06-05	28-May-08	11:58	M	-	68.4	15.5	-	-	-	-	3.3	-	-	-	-	21.5	-	-	-	-	-	-	28.5	-
P03-08-01	27-May-08	14:45	M	-	28.1	0.0285	-	-	-	-	2.2	-	-	-	-	2.6	-	-	-	-	-	-	< 0.005	-
P03-08-01	16-Sep-08	17:05	M	0.009	26.5	0.0205	< 0.0001	0.0007	0.0017	< 0.02	1.84	16	< 0.0004	4	< 0.00005	2.39	0.533	< 0.00002	< 0.0001	< 0.005	0.00359	< 0.002	0.003	< 0.001
P03-08-02	27-May-08	14:50	M	-	24.8	3.13	-	-	-	-	< 2	-	-	-	-	7.4	-	-	-	-	-	-	0.0055	-
P03-08-02	12-Aug-08	15:08	M	< 0.003	22.8	2.79	< 0.00005	0.0012	0.0151	< 0.01	1.12	20	< 0.0002	3.5	< 0.00003	5.12	0.259	0.00001	0.00053	< 0.003	0.00332	< 0.001	0.0021	< 0.0005
P03-08-02	04-Nov-08	10:29	M	< 0.003	23.3	2.93	< 0.00005	0.0012	0.0252	< 0.01	1.11	24	< 0.0002	2.7	< 0.00003	4.96	0.282	0.00002	< 0.00005	0.003	0.00397	< 0.001	0.0012	< 0.0005
P03-08-03	27-May-08	15:02	M	-	32.6	6.66	-	-	-	-	2.4	-	-	-	-	12.3	-	-	-	-	-	-	0.0072	-
P03-08-03	12-Aug-08	15:13	M	0.0031	34.1	8.87	< 0.00001	0.0049	0.0307	0.003	2.29	81	0.00007	6.2	< 0.000005	13.1	0.498	0.000014	< 0.00001	< 0.0005	0.00511	< 0.0002	0.0043	0.0003
P03-08-03	16-Sep-08	17:00	M	0.003	33.2	8.57	< 0.00001	0.00471	0.029	0.004	2.42	83	0.00007	6.9	< 0.000005	12	0.508	0.000012	< 0.00001	< 0.0005	0.00494	< 0.0002	0.0037	0.0003
P03-08-03	04-Nov-08	10:29	M	0.003	32.3	8.04	< 0.00001	0.00426	0.0309	0.003	2.15	72	0.00007	5.9	< 0.000005	12.5	0.481	0.000014	< 0.00001	< 0.0005	0.00507	< 0.0002	0.0034	0.0003
P03-08-04	27-May-08	17:00	M	-	46.6	2.65	-	-	-	-	3.6	-	-	-	-	38.4	-	-	-	-	-	-	0.0304	-
P03-08-04	12-Aug-08	15:13	M	0.0053	49	3.44	< 0.00001	0.00811	0.00051	0.004	3.39	179	< 0.00004	6.5	0.000009	42.8	0.51	0.000003	< 0.00001	< 0.0005	0.00894	0.0003	0.0022	0.0004
P03-08-04	16-Sep-08	17:35	M	0.005	54.1	4.12	< 0.00005	0.0084	0.0012	< 0.01	3.59	214	< 0.0002	9	< 0.00003	49.3	0.554	0.00001	< 0.00005	0.01	0.0106	< 0.001	0.0255	0.0006
P03-08-04	04-Nov-08	10:29	M	0.0052	48.4	3.48	< 0.00001	0.00725	0.00075	0.004	3.34	181	0.00007	5.8	< 0.000005	46.2	0.536	< 0.000002	< 0.00001	< 0.0005	0.0107	< 0.0002	0.0029	0.0005
P03-08-05	27-May-08	15:25	M	-	73.1	5.92	-	-	-	-	15	-	-	-	-	119	-	-	-	-	-	-	< 0.005	-
P03-08-05	12-Aug-08	15:13	M	0.011	62.6	6.52	< 0.00005	0.0029	0.0008	< 0.01	13.1	345	0.0002	9.1	< 0.00003	117	0.633	< 0.00001	< 0.00005	0.003	0.00087	0.002	0.0006	0.0022
P03-08-05	16-Sep-08	17:35	M	0.01	62.5	6.61	< 0.00005	0.0032	0.0026	0.03	12.8	342	0.0003	11.1	< 0.00003	107	0.696	0.00001	< 0.00005	0.006	0.00101	0.004	0.0185	0.0036
P03-08-05	04-Nov-08	10:29	M	0.009	60	6.25	< 0.00005	0.0029	0.004	0.02	12.1	308	0.0004	10.2	< 0.00003	107	0.651	< 0.00001	< 0.00005	0.005	0.00095	0.003	0.0094	0.003
P03-08-06	27-May-08	15:30	M	-	7.49	0.385	-	-	-	-	9.7	-	-	-	-	141	-	-	-	-	-	-	0.0079	-
P03-08-07	27-May-08	16:26	M	-	2.77	0.277	-	-	-	-	4.7	-	-	-	-	131	-	-	-	-	-	-	0.0085	-
P03-08-07	16-Sep-08	16:25	M	0.0129	2.14	0.217	< 0.00001	0.0292	0.0003	0.009	4.33	156	< 0.00004	1.5	0.000006	129	0.111	0.000018	< 0.00001	0.0006	0.000174	< 0.0002	0.015	< 0.0001
P03-08-08	27-May-08	16:24	M	-	8.23	0.0316	-	-	-	-	13.3	-	-	-	-	55.4	-	-	-	-	-	-	0.0095	-
P03-08-08	16-Sep-08	18:10	M	0.0172	8.66	0.0449	< 0.00001	0.0324	0.0002	0.011	13.3	45	< 0.00004	1.5	0.000005	57.4	0.175	0.000013	< 0.00001	0.0006	0.000148	< 0.0002	0.0114	< 0.0001
P03-09-01	27-May-08	11:15	M	0.039	57.9	0.356	< 0.00002	< 0.002	< 0.002	-	3.9	-	< 0.002	-	< 0.00004	40.7	-	< 0.0004	< 0.001	< 0.01	0.00165	< 0.002	< 0.005	-
P03-09-01	16-Sep-08	14:08	M	0.0387	54.8	0.43	< 0.00001	0.00057	0.00016	0.025	3.99	171	< 0.00004	8.3	< 0.000005	43.5	1.01	< 0.000002	< 0.00001	0.0008	0.0018	< 0.0002	0.0007	0.0008
P03-09-02	27-May-08	11:21	M	0.04	57.2	0.357	< 0.00002	< 0.002	< 0.002	-	3.9	-	< 0.002	-	< 0.00004	41.9	-	< 0.0004	< 0.001	< 0.01	0.0017	< 0.002	< 0.005	-
P03-09-02	12-Aug-08	10:15	M	0.0369	54.9	0.417	< 0.00001	0.00057	0.00019	0.022	3.77	165	< 0.00004	7.2	0.000006	45	0.94	< 0.000002	0.00003	< 0.0005	0.00189	< 0.0002	0.0019	0.0006
P03-09-02	16-Sep-08	14:09	M	0.0391	52.2	0.447	< 0.00001	0.00057	0.00019	0.026	3.52	156	< 0.00004	9.1	< 0.000005	40.9	0.993	< 0.000002	< 0.00001	< 0.0005	0.00181	< 0.0002	0.0023	0.0007
P03-09-02	04-Nov-08	9:09	M	0.0363	48.8	0.377	< 0.00001	0.00052	0.00019	0.019	3.35	143	< 0.00004	6.7	< 0.000005	40.2	0.916	< 0.000002	< 0.00001	< 0.0005	0.00183	< 0.0002	0.0008	0.0006
P03-09-03	27-May-08	11:30	M	0.011	40.6	5.96	< 0.00002	< 0.002	0.01	-	4.5	-	< 0.002	-	< 0.00004	25.4	-	< 0.0004	< 0.001	< 0.01	0.00701	< 0.002	< 0.005	-
P03-09-03	16-Sep-08	14:20	M	0.0131	52.2	10.7	< 0.00001	0.00082	0.0159	0.003	4.68	250	< 0.00004	8.9	< 0.000005	33.2	0.797	0.000007	< 0.00001	< 0.0005	0.00895	< 0.0002	0.0023	< 0.0001
P03-09-04	27-May-08	11:34	M	< 0.025	40.3	5.57	< 0.00002	< 0.005	0.0094	-	4.4	-	< 0.005	-	< 0.0001	27.4	-	< 0.001	< 0.0025	< 0.01	0.0066	< 0.005	< 0.005	-
P03-09-04	12-Aug-08	10:30	M	0.0121	51.6	8.11	< 0.00001	0.00102	0.0124	< 0.002	5.21	251	< 0.00004	8.1	< 0.000005	35.7	0.668	0.000011	< 0.00001	< 0.0005	0.00816	< 0.0002	0.0017	0.0002
P03-09-04	16-Sep-08	14:25	M	0.013	50.7	8.65	< 0.00005	0.001	0.0141	< 0.01	4.68	245	< 0.0002	8	< 0.00003	32.2	0.682	0.00001	< 0.00005	0.006	0.00809	< 0.001	0.0024	< 0.0005
P03-09-04	04-Nov-08	9:09	M	0.0128	47.6	7.89	< 0.00001	0.00093	0.0139	< 0.002	4.32	216	< 0.00004	5.3	< 0.000005	32.7	0.681	0.000013	< 0.00001	< 0.0005	0.00823	< 0.0002	0.0019	< 0.0001
P03-09-05	27-May-08	11:44	M	< 0.025	40.3	5.93	< 0.00002	< 0.005	0.0113	-	4.4	-	< 0.005	-	< 0.0001	26.1	-	< 0.001	< 0.0025	< 0.01	0.0069	< 0.005	< 0.005	-
P03-09-05	16-Sep-08	14:45	M	0.013	52.5	9.68	< 0.00005	0.0008	0.0167	< 0.01	4.72	255	< 0.0002	8.5	< 0.00003	33.4	0.67	0.00001	< 0.00005	0.007	0.0081	< 0.001	0.0022	< 0.0005
P03-09-06	27-May-08	11:47	M	< 0.025	45.7	6.78	< 0.00002	< 0.005	0.01	-	4.4	-	< 0.005	-	< 0.0001	31.1	-	< 0.001	< 0.0025	< 0.01	0.0059	< 0.005	0.0069	-
P03-09-06	12-Aug-08	10:30	M	0.0166	48.1	7.68	< 0.00001	0.00157	0.0102	< 0.002	4.86	215	< 0.00004	7.5	< 0.000005	37.1	0.651	0.000014	< 0.00001	< 0.0005	0.00624	< 0.0002	0.0013	< 0.0001
P03-09-06	16-Sep-08	14:50	M	0.017	49.8	7.99	< 0.00005	0.0015	0.0105	< 0.01	4.44	218	< 0.0002	8.1	< 0.00003	33.9	0.693	0.00001	< 0.00005	0.007	0.00628	< 0.001	0.0026	< 0.0005
P03-09-06	04-Nov-08	9:09	M	0.017	53	8.01	< 0.00001	0.00152	0.0112	< 0.002	4.58	238	< 0.00004	6.1	< 0.000005	35.5	0.78	0.000014	< 0.00001	< 0.0005	0.00744	< 0.0002	0.0014	< 0.0001
P03-09-07	27-May-08	12:03	M	< 0.025	47.5	8.32	< 0.00002	< 0.005	0.0115	-	4.7	-	< 0.005	-	< 0.0001	31.2	-	< 0.001	< 0.0025	< 0.01	0.0068	< 0.005	< 0.005	-
P03-09-07	12-Aug-08	10:30	M	0.0136	52.4	10	< 0.00001	0.00154	0.0124	< 0.002	5.16	256	< 0.00004	7.6	< 0.000005	37.4	0.659	0.000017	< 0.00001	< 0.0005	0.00736	< 0.0002	0.0017	< 0.0001
P03-09-07	16-Sep-08	15:07	M	0.014	55.4	10.7	< 0.00005	0.0015	0.0133	< 0.01	4.81	268	< 0.0002	8.4	< 0.00003	34	0.716	0.00001	< 0.00005	0.005	0.00765	< 0.001	0.0017	< 0.0005
P03-09-07	04-Nov-08	9:09	M	0.0143	61	10.9	< 0.00001	0.00144	0.0148	0.002	4.99	294	0.00004	5.2	< 0.000005	37.5	0.764	0.000018	< 0.00001	< 0.0005	0.00907	< 0.0002	0.0023	< 0.0001

Table 6. 2008 Ground Water Quality Data, Faro Mine, Yukon

Well ID	Sample Date	Sample Time	Sample Class[a]	General Chemistry							Anions	Metals													
						Sp. Cond.	Sp. Cond.	Temp.	Hardness	Alkalinity (Total) as															
				pH (Field)	pH (Lab)	(Field)	(Lab)	(Field)	(CaCo3)	CaCO3	Sulphate	Aluminum	Antimony	Arsenic	Barium	Beryllium	Bismuth	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead
				pH unit	pH unit	µS/cm	µS/cm	°C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
P03-09-07	04-Nov-08	9:09	REP	6.82	7.8	1675	1700	3.3	1010	310	850	0.0009	0.00005	0.00008	0.0489	< 0.00001	< 0.000005	< 0.05	0.000792	303	< 0.0001	0.00193	0.0002	0.013	0.000011
P03-09-08	27-May-08	12:07	M	6.9	7.88	1359	1440	9.5	779	-	554	< 0.025	< 0.0025	< 0.0025	0.041	< 0.005	-	< 0.1	0.000105	235	< 0.005	0.0027	< 0.005	0.458	< 0.0025
P03-09-08	16-Sep-08	15:11	SS	7.23	8.2	1472	1600	5.6	939	290	630	< 0.001	< 0.0001	0.0004	0.0431	< 0.00005	< 0.00003	< 0.3	0.00016	288	< 0.0005	0.00308	< 0.0003	0.606	0.00015
P03-09-08	16-Sep-08	15:11	M	7.23	8.2	1472	1600	5.6	893	280	600	< 0.001	< 0.0001	0.0005	0.044	< 0.00005	< 0.00003	< 0.3	0.00017	272	< 0.0005	0.0032	< 0.0003	0.602	0.00009
P03-09-09	27-May-08	12:11	M	7.02	7.78	1352	1440	5.4	788	-	544	< 0.025	< 0.0025	< 0.0025	0.04	< 0.005	-	< 0.1	0.000195	239	< 0.005	0.0029	< 0.005	0.075	< 0.0025
P03-09-09	12-Aug-08	10:30	M	6.94	7.8	1464	1500	4.5	929	280	550	0.0016	0.00005	0.00014	0.0428	< 0.00001	< 0.000005	< 0.05	0.000222	287	< 0.0001	0.00325	0.00019	0.077	0.000065
P03-09-09	16-Sep-08	15:30	M	7.2	8.1	1461	1600	4.4	939	290	630	< 0.001	< 0.0001	0.0003	0.0459	< 0.00005	< 0.00003	< 0.3	0.00038	288	0.0009	0.00315	< 0.0003	0.085	0.00025
P03-09-09	04-Nov-08	9:09	M	6.88	7.9	1593	1600	3.5	955	300	800	0.0009	0.00005	0.00011	0.0472	< 0.00001	< 0.000005	< 0.05	0.00064	289	< 0.0001	0.00352	0.00025	0.048	0.000035
P05-01-01	16-Sep-08	9:45	M	6.64	8.1	1666	1900	4.6	930	470	600	0.014	0.0001	0.0005	0.0492	0.00023	< 0.00003	< 0.3	< 0.00003	238	0.0007	0.00016	< 0.0003	5.46	0.00119
P05-01-02	16-Sep-08	10:45	M	6.72	8	1989	2600	4.4	1690	330	1700	0.002	< 0.0001	0.0002	0.0357	0.00006	< 0.00003	< 0.3	< 0.00003	517	< 0.0005	0.00011	< 0.0003	19.5	0.00005
P05-01-03	16-Sep-08	11:45	M	6.8	8	2040	2500	4.4	1510	330	1300	0.001	< 0.0001	0.0003	0.0328	< 0.00005	< 0.00003	< 0.3	< 0.00003	463	< 0.0005	0.00011	< 0.0003	20.2	< 0.00003
P05-01-04	16-Sep-08	12:45	M	6.9	8	2090	2600	4.8	1530	320	1300	0.002	0.0001	0.0028	0.024	< 0.00005	< 0.00003	< 0.3	< 0.00003	467	< 0.0005	0.00087	< 0.0003	26.6	0.00003
P05-01-05	16-Sep-08	13:45	M	6.81	8.1	2110	2400	4.6	1560	310	1200	0.002	< 0.0001	0.0019	0.0258	< 0.00005	< 0.00003	< 0.3	0.00017	468	< 0.0005	0.0098	< 0.0003	8.14	0.00012
P05-01-06	16-Sep-08	14:45	M	6.8	7.7	2090	2300	4.9	1570	320	1300	0.003	< 0.0001	0.0019	0.0306	< 0.00005	< 0.00003	< 0.3	< 0.00003	472	< 0.0005	0.0154	< 0.0003	6.73	0.00017
P05-02	29-May-08	10:08	M	6.69	7.58	2180	2360	3.8	1380	-	1190	< 0.025	< 0.0025	0.0033	0.04	< 0.005	-	< 0.1	0.000281	415	< 0.005	0.0091	< 0.005	4.44	< 0.0025
P05-02	29-May-08	10:08	REP	6.69	7.59	2180	2370	3.8	1380	-	1180	< 0.025	< 0.0025	0.0034	0.04	< 0.005	-	< 0.1	0.000296	418	< 0.005	0.0092	< 0.005	4.46	< 0.0025
P05-02	16-Sep-08	16:00	M	6.77	7.8	2460	2400	5.5	1510	340	1200	< 0.001	0.0001	0.006	0.0457	< 0.00005	< 0.00003	< 0.3	0.00008	468	< 0.0005	0.0096	< 0.0003	6.22	0.00011
P05-03	29-May-08	10:30	M	7	7.81	1360	1470	4.6	840	-	560	< 0.025	< 0.0025	0.0035	0.234	< 0.005	-	< 0.1	0.000104	253	< 0.005	0.0017	< 0.005	4.48	< 0.0025
P05-03	16-Sep-08	15:30	M	7.23	8	1212	1200	4.4	668	270	430	0.0016	0.00004	0.00272	0.182	< 0.00001	< 0.000005	< 0.05	0.000059	205	< 0.0001	0.00146	0.00006	3.06	0.000028
P05-04	27-May-08	11:17	M	6.07	7.16	357	369	3.8	190	-	48.8	0.0432	< 0.0005	< 0.0005	0.044	< 0.001	-	< 0.1	0.00212	55.9	< 0.001	0.00065	< 0.001	0.054	< 0.0005
P2001-02A	04-Jun-08	14:30	M	7.62	7.8	1204	1260	3.9	790	-	318	< 0.01	< 0.001	0.0148	0.02	< 0.002	-	< 0.1	< 0.000034	178	< 0.002	0.00079	< 0.002	0.58	< 0.001
P2001-02A	18-Sep-08	11:18	M	7.56	8	1100	1200	4.5	801	410	310	0.004	0.00048	0.0151	0.0195	< 0.00001	< 0.000005	< 0.05	< 0.000005	182	< 0.0001	0.000545	< 0.00005	0.404	0.000308
P2001-02B	04-Jun-08	14:39	M	7.43	7.76	1184	1240	2.8	771	-	302	< 0.01	< 0.001	0.0155	0.024	< 0.002	-	< 0.1	< 0.000034	174	< 0.002	< 0.0006	< 0.002	2.28	< 0.001
P2001-02B	18-Sep-08	11:20	M	7.31	8	1246	1200	4.8	784	400	330	0.0052	0.00022	0.00729	0.0219	< 0.00001	< 0.000005	< 0.05	< 0.000005	180	< 0.0001	0.000581	< 0.00005	0.546	0.000223
P2001-03	04-Jun-08	0:00	M	-	7.93	-	949	-	494	-	150	< 0.01	< 0.001	0.0029	0.034	< 0.002	-	< 0.1	0.00143	99.5	< 0.002	0.00063	0.0036	< 0.03	< 0.001
P96-6	05-Jun-08	13:30	M	5.84	6.5	906	1330	3.9	799	-	374	< 0.025	< 0.0025	< 0.0025	0.027	< 0.005	-	< 0.1	0.000447	208	< 0.005	< 0.0015	< 0.005	< 0.03	< 0.0025
P96-6	18-Sep-08	17:29	M	-	7.3	-	1600	-	966	300	700	< 0.001	0.0001	0.0004	0.0274	0.0001	< 0.00003	< 0.3	0.0004	259	< 0.0005	0.00005	0.0004	0.009	0.00006
P96-7	28-May-08	17:32	M	7.31	7.87	2720	2880	3.7	2040	-	1680	< 0.05	< 0.005	< 0.005	< 0.02	< 0.01	-	< 0.1	< 0.00017	564	< 0.01	< 0.003	< 0.01	< 0.03	< 0.005
P96-7	19-Sep-08	10:12	M	6.98	7.9	3354	3400	3.1	2510	190	2400	0.001	0.0001	0.0004	0.0149	< 0.00005	< 0.00003	< 0.3	0.00004	700	< 0.0005	0.00004	0.0005	0.008	0.00003
P96-7	19-Sep-08	10:12	REP	6.98	7.9	3354	3300	3.1	2480	190	2200	0.003	0.0001	0.0003	0.0148	< 0.00005	< 0.00003	< 0.3	0.00005	690	< 0.0005	0.00005	0.0005	0.012	0.0001
P96-8A	29-May-08	0:00	M	-	6.58	-	6120	-	4680	-	4840	< 0.25	< 0.025	< 0.025	< 0.04	< 0.05	-	< 0.2	0.0302	461	< 0.05	0.488	< 0.05	< 0.06	< 0.025
P96-8A	19-Sep-08	9:32	M	5.91	7	-	6900	6.2	5280	220	5500	0.073	0.0005	0.0011	0.0251	0.0002	< 0.0001	< 1	0.0489	531	< 0.002	0.629	0.004	11.1	0.0066
P96-8B	29-May-08	0:00	M	-	6.7	-	6370	-	4730	-	5060	< 0.5	< 0.05	< 0.05	< 0.04	< 0.1	-	< 0.2	0.0669	517	< 0.1	0.586	< 0.1	< 0.06	< 0.05
P96-8B	19-Sep-08	9:33	M	5.91	7	-	6800	7.3	4920	130	5300	0.006	0.0021	0.0009	0.0192	< 0.0002	< 0.0001	< 1	0.195	500	< 0.002	0.359	0.004	0.04	0.0011
P96-9A	04-Jun-08	16:56	M	7.46	7.34	2120	2490	2.4	1730	-	1360	< 0.025	< 0.0025	< 0.0025	0.042	< 0.005	-	< 0.1	0.000814	303	< 0.005	0.0034	< 0.005	0.165	< 0.0025
P96-9A	18-Sep-08	10:45	M	6.45	7.8	1971	2900	7.8	2060	380	1700	0.003	0.0003	0.0005	0.0551	< 0.00005	< 0.00003	< 0.3	0.00116	343	< 0.0005	0.00262	0.0029	0.063	0.00009
RGC-PW3	18-Sep-08	15:18	M	5.99	7.2	457	430	4	207	140	63	0.0066	0.00024	0.00187	0.0538	0.00003	< 0.000005	< 0.05	0.000165	59.9	0.0002	0.00187	0.0002	23.2	0.000496
S1A	28-May-08	15:55	M	-	6.91	61200	6560	5.2	5090	-	5420	< 0.5	< 0.05	< 0.05	< 0.04	< 0.1	-	< 0.2	0.0234	531	< 0.1	0.034	< 0.1	< 0.06	< 0.05
S1A	13-Aug-08	14:01	M	6.24	6.9	6460	6500	5.5	5410	210	5200	0.021	< 0.0004	< 0.0004	0.0171	< 0.0002	< 0.0001	< 1	0.0238	572	< 0.002	0.0365	0.005	0.15	< 0.0001
S1A	13-Aug-08	14:01	REP	6.24	7	6460	6500	5.5	6090	190	4600	0.021	< 0.0001	0.0003	0.0187	0.0002	< 0.00003	< 0.3	0.0236	694	0.0006	0.0358	0.0017	0.066	0.00012
S1A	03-Nov-08	10:26	M	-	6.9	-	6600	-	5410	150	6100	0.05	< 0.001	0.002	0.02	< 0.0005	< 0.0003	< 3	0.0257	565	< 0.005	0.03	0.004	0.07	0.0004
S1B	28-May-08	16:20	M	-	7.94	1462	1540	6.8	876	-	689	< 0.025	< 0.0025	< 0.0025	0.025	< 0.005	-	< 0.1	0.000424	239	< 0.005	< 0.0015	< 0.005	0.062	< 0.0025
S1B	03-Nov-08	10:28	M	-	7.1	-	1100	-	557	93	500	0.022	0.0002	0.0004	0.023	< 0.00005	< 0.00003	< 0.3	0.00031	156	< 0.0005	0.0001	0.0038	0.025	0.00015
S2A	28-May-08	0:00	M	-	6.93	4450	5280	3	3790	-	4160	< 0.25	< 0.025	< 0.025	< 0.04	< 0.05	-	< 0.2	0.0214	437	< 0.05	0.026	< 0.05	0.502	< 0.025
S2A	03-Nov-08	15:45	M	6.74	6.9	6085	6400	2.4	4990	190	5000	0.05	< 0.001	0.002	0.016	< 0.0005	< 0.0003	< 3	0.0348	514	0.048	0.0279	0.007	2.82	0.0005
S2A	03-Nov-08	15:50	REP	6.74	6.9	6085	6500	2.4	4900	180	5700	0.04	< 0.001	0.002	0.015	< 0.0005	< 0.0003	< 3	0.0327	501	< 0.005	0.0275	0.005	0.95	< 0.0003
S2B	28-May-08	0:00	M	-	6.58	5850	5500	2.5	4820	-	4710	< 0.25	< 0.025	< 0.025	0.046	< 0.05	-	< 0.2	0.00909	857	< 0.05	0.053	< 0.05	191	< 0.025
S2B	13-Aug-08	13:40	M	6.71	6.8	5630	5700	5.7	5440	130	4800	0.009	< 0.0001	0.004	0.052	< 0.00005	< 0.00003	< 0.3	0.00794	1050	0.0006	0.0524	0.0008	202	0.00013
S2B	03-Nov-08	15:55	M	6.62	6.7	5877	6600	2.5	5230	140	5900	0.04	< 0.001	0.002	0.03	< 0.0005	< 0.0003	< 3	0.0323	519	< 0.005	0.0326	< 0.003	36.7	< 0.0003
S3	28-May-08	0:00	M	6.07	6.69	6040	6440	1.9	4820	-	5270	< 0.5	< 0.05	< 0.05	< 0.04	< 0.1	-	< 0.2	0.014	425	< 0.1	0.034	< 0.1	0.773	< 0.05
S3	13-Aug-08	14:30	M	6	6.9	6889	6900	6.2	5880	150	5300	0.058	0.0005	0.0037	0.0309	0.0001	< 0.00005	< 0.5	0.0161	537	< 0.001	0.0379	0.0006	1.05	0.00111
S3	03-Nov-08	16:40	M	7.1	6.9	6380	6600	2.3	5210	170	5900	0.08	< 0.001	0.005	0.027	< 0.0005	< 0.0003	< 3	0.015	462	< 0.005	0.0349	< 0.003	1.03	0.0012
SRK04-3A	29-May-08	17:35	M	5.75	5.96	6870	6650	4.3	4360	-	5740	-	-	-	-	-	-	-	-	411	-	-	-	545	-
SRK05-05C	04-Jun-08	16:07	M	7.79	7.78	1145	1120	4.6	747	-	410	< 0.01	< 0.001	0.0037	0.164	< 0.002	-	< 0.1	0.000079	174	< 0.002	0.00184	< 0.002	0.609	< 0.001
SRK05-05C	18-Sep-08	9:40	M	6.66	8.1	974	990	6.1	552	210	340	0.0262	0.00047	0.00701	0.143	< 0.00001	< 0.000005	< 0.05	0.000023	132	< 0.0001	0.00147	0.00041	0.735	0.00122
SRK05-07	04-Jun-08	9:30	M	7.04	7.54	2090	2340	4	1590	-	1140	0.302	0.0025	0.0075	0.059	< 0.005	-	< 0.1	0.000107	373	< 0.005	0.0048	< 0.005	0.354	0.0048
SRK05-07	18-Sep-08	11:57	M	6.52	7.9	2040	3000	5.5	2210	560	1600	0.006	0.0016	0.0059	0.0727	< 0.00005	< 0.00003	< 0.3	0.00015	510	< 0.0005	0.00424	0.0011	0.015	0.00037
SRK05-08	04-Jun-08	17:33	M	7.22	7.56	1940	2060	3.3	1360	-	758	< 0.025	< 0.0025	< 0.0025	< 0.02	< 0.005	-	< 0.1	< 0.000085	281	< 0.005	< 0.0015	< 0.005	< 0.03	< 0.0025
SRK05-08	18-Sep-08	11:45	M	6.66	7.9	1857	1900	6.3	1410	500	780	0.0037	0.0001	0.00027	0.0153	< 0.00001	< 0.000005	< 0.05	0.000017	303	0.0005	0.000616	0.00166	0.003	0.000045
SRK05-09	05-Jun-08	10:09	M	7.4	7.78	1437	1960	3.9	1290	-	913	< 0.025	< 0.0025	< 0.0025	0.061	< 0.005	-	< 0.1	0.000197	261	< 0.005	< 0.0015	< 0.005	< 0.03	< 0.0025
SRK05-09	18-Sep-08	12:41	M	6.95	8.2	1975	2200	5.6	1490	360	1000	0.0048	0.00041	0.00127	0.0633	< 0.00001	< 0.000005	< 0.05	0.000166	283	0.0002	0.000049	0.00258	0.009	0.00054
SRK05-ETA-BR1	29-May-08	16:40	M	5.5	5.74	6730	6550	5.3	3650	-	5190	-	-	-	-	-	-	-	-	404	-	-	-	838	-
SRK05-ETA-BR2	29-May-08	17:10	M	6.68	6.95	2430	2360	4.3	1500	-	1350	-	-	-	-	-	-	-	-	449	-	-	-	27.7	-
SRK05-SP-1A	28-May-08	15:00	M	-	6.36	1432	1500	2.6	806	-	629	-	-	-	-	-	-	-	-	192	-	-	-	53.6	-

Table 6. 2008 Ground Water Quality Data, Faro Mine, Yukon

Well ID	Sample Date	Sample Time	Sample Class[a]	Metals																			
				Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus	Potassium	Sulphur	Selenium	Silicon	Silver	Sodium	Strontium	Thallium	Tin	Titanium	Uranium	Vanadium	Zinc	Zirconium
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
P03-09-07	04-Nov-08	9:09	REP	0.014	60.7	10.9	< 0.00001	0.00139	0.0147	< 0.002	4.93	290	< 0.00004	4.2	< 0.000005	36.6	0.794	0.000018	< 0.00001	< 0.0005	0.00886	< 0.0002	0.0019	< 0.0001
P03-09-08	27-May-08	12:07	M	< 0.025	46.5	7.94	< 0.00002	< 0.005	0.0099	-	4.6	-	< 0.005	-	< 0.0001	29.3	-	< 0.001	< 0.0025	< 0.01	0.0065	< 0.005	0.0059	-
P03-09-08	16-Sep-08	15:11	SS	0.013	53.2	10.5	< 0.00005	0.0015	0.0115	< 0.01	4.75	263	< 0.0002	8.4	< 0.00003	33.5	0.676	< 0.00001	< 0.00005	0.007	0.00715	< 0.001	0.0022	< 0.0005
P03-09-08	16-Sep-08	15:11	M	0.013	52	10.6	< 0.00005	0.0015	0.0117	< 0.01	4.57	251	< 0.0002	8.3	< 0.00003	33.2	0.666	< 0.00001	< 0.00005	0.009	0.00743	0.001	0.0021	< 0.0005
P03-09-09	27-May-08	12:11	M	< 0.025	46.7	7.81	< 0.00002	< 0.005	0.0116	-	4.5	-	< 0.005	-	< 0.0001	29.7	-	< 0.001	< 0.0025	< 0.01	0.0065	< 0.005	< 0.005	-
P03-09-09	12-Aug-08	10:30	M	0.0123	51.6	9.71	< 0.00001	0.00132	0.0126	0.003	5.04	248	< 0.00004	7.4	< 0.000005	37.5	0.64	0.000005	< 0.00001	< 0.0005	0.00693	< 0.0002	0.0017	< 0.0001
P03-09-09	16-Sep-08	15:30	M	0.013	53.6	10.4	< 0.00005	0.0013	0.0152	< 0.01	4.74	261	< 0.0002	8.1	< 0.00003	33.7	0.697	< 0.00001	0.00015	0.007	0.00732	< 0.001	0.0034	< 0.0005
P03-09-09	04-Nov-08	9:09	M	0.0141	56.9	9.92	< 0.00001	0.00138	0.0141	0.002	4.84	270	< 0.00004	3.9	< 0.000005	36	0.728	0.000005	< 0.00001	< 0.0005	0.00876	< 0.0002	0.0021	< 0.0001
P05-01-01	16-Sep-08	9:45	M	0.289	81.7	0.569	< 0.00005	0.0005	0.0003	0.03	7.07	248	< 0.0002	11.2	< 0.00003	124	2.76	< 0.00001	< 0.00005	0.008	0.00024	0.001	0.0055	0.0035
P05-01-02	16-Sep-08	10:45	M	0.026	97.4	21.8	< 0.00005	0.0004	0.0003	0.03	7.48	545	< 0.0002	9.7	< 0.00003	47.4	1.08	< 0.00001	< 0.00005	0.009	0.00166	< 0.001	0.001	0.0012
P05-01-03	16-Sep-08	11:45	M	0.027	86.2	18.9	< 0.00005	0.0004	0.0003	0.02	6.78	469	< 0.0002	9.5	< 0.00003	43.2	1.07	< 0.00001	< 0.00005	0.011	0.00156	< 0.001	< 0.0005	0.0009
P05-01-04	16-Sep-08	12:45	M	0.024	89.5	21.9	< 0.00005	0.0008	0.0013	< 0.01	6.79	485	< 0.0002	9.6	0.00005	43.8	1.01	< 0.00001	< 0.00005	0.009	0.00202	< 0.001	0.0005	< 0.0005
P05-01-05	16-Sep-08	13:45	M	0.021	94.4	22.1	< 0.00005	0.0008	0.0078	< 0.01	7.36	486	< 0.0002	9	0.00006	41	1.05	0.00001	< 0.00005	0.009	0.00487	< 0.001	0.0023	< 0.0005
P05-01-06	16-Sep-08	14:45	M	0.019	95.2	23.8	< 0.00005	0.0009	0.0122	< 0.01	7.41	489	< 0.0002	8.9	0.00007	40.4	1.09	0.00003	< 0.00005	0.011	0.00533	< 0.001	0.0039	< 0.0005
P05-02	29-May-08	10:08	M	< 0.025	82.7	16.2	< 0.00002	< 0.005	0.0086	-	6.5	-	< 0.005	-	< 0.0001	43.3	-	< 0.001	< 0.0025	< 0.01	0.0048	< 0.005	0.0371	-
P05-02	29-May-08	10:08	REP	< 0.025	81.8	15.7	< 0.00002	< 0.005	0.0094	-	6.5	-	< 0.005	-	< 0.0001	44.1	-	< 0.001	< 0.0025	< 0.01	0.0047	< 0.005	0.0348	-
P05-02	16-Sep-08	16:00	M	0.021	81.5	17.3	< 0.00005	0.0004	0.0105	< 0.01	7.29	469	< 0.0002	8.4	0.00019	43.9	1.06	0.00004	< 0.00005	0.01	0.00478	< 0.001	0.0317	< 0.0005
P05-03	29-May-08	10:30	M	< 0.025	50.6	8.73	< 0.00002	< 0.005	< 0.005	-	3.8	-	< 0.005	-	< 0.0001	29.5	-	< 0.001	< 0.0025	< 0.01	0.0096	< 0.005	0.0069	-
P05-03	16-Sep-08	15:30	M	0.0063	37.7	7.25	< 0.00001	0.00465	0.00227	0.029	3.92	166	< 0.00004	5.7	0.00001	24.2	0.527	0.000008	0.00002	0.0009	0.00859	< 0.0002	0.0021	< 0.0001
P05-04	27-May-08	11:17	M	0.0152	12.2	0.023	< 0.00002	< 0.001	0.0078	-	< 2	-	< 0.001	-	< 0.00002	4.5	-	< 0.0002	< 0.0005	< 0.01	0.00087	< 0.001	1.58	-
P2001-02A	04-Jun-08	14:30	M	0.028	83.7	0.121	< 0.00002	< 0.002	0.0062	-	3.9	-	< 0.002	-	< 0.00004	5.9	-	< 0.0004	< 0.001	< 0.01	0.0201	< 0.002	< 0.005	-
P2001-02A	18-Sep-08	11:18	M	0.0302	83.9	0.103	< 0.00001	0.00218	0.00374	< 0.002	3.95	132	0.00005	6.1	0.000014	6.41	0.963	0.000002	0.00003	0.0006	0.0231	0.0003	0.0058	0.0002
P2001-02B	04-Jun-08	14:39	M	0.027	82	0.236	< 0.00002	< 0.002	< 0.002	-	4.4	-	< 0.002	-	< 0.00004	9	-	< 0.0004	< 0.001	< 0.01	0.0147	< 0.002	0.0075	-
P2001-02B	18-Sep-08	11:20	M	0.0278	81.5	0.207	< 0.00001	0.0013	0.00199	< 0.002	3.86	124	< 0.00004	5.4	0.00001	7.91	0.935	0.000003	0.00003	< 0.0005	0.0197	< 0.0002	0.0072	0.0002
P2001-03	04-Jun-08	0:00	M	0.014	59.5	0.276	< 0.00002	0.0164	0.0033	-	3.6	-	< 0.002	-	< 0.00004	36.1	-	< 0.0004	< 0.001	< 0.01	0.00976	< 0.002	0.0086	-
P96-6	05-Jun-08	13:30	M	0.049	67.6	0.0215	< 0.00002	< 0.005	0.0352	-	4.6	-	< 0.005	-	< 0.0001	8.7	-	< 0.001	< 0.0025	< 0.01	0.0205	< 0.005	1.14	-
P96-6	18-Sep-08	17:29	M	0.041	77.4	0.0059	< 0.00005	< 0.0003	0.0229	< 0.01	4.29	247	0.0051	9.1	0.00011	7.18	0.832	< 0.00001	< 0.00005	0.006	0.0381	< 0.001	0.745	< 0.0005
P96-7	28-May-08	17:32	M	< 0.05	154	< 0.003	< 0.00002	< 0.01	< 0.01	-	5.6	-	< 0.01	-	< 0.0002	16.2	-	< 0.002	< 0.005	< 0.01	0.0236	< 0.01	< 0.005	-
P96-7	19-Sep-08	10:12	M	0.032	184	0.0005	< 0.00005	0.0008	0.0011	< 0.01	6.07	840	0.0007	5.3	0.00005	19.2	0.767	< 0.00001	< 0.00005	0.006	0.0306	< 0.001	0.0061	< 0.0005
P96-7	19-Sep-08	10:12	REP	0.032	183	0.0004	< 0.00005	0.0008	0.001	< 0.01	5.95	829	0.0006	5.2	0.00005	20.1	0.766	< 0.00001	< 0.00005	0.006	0.0314	< 0.001	0.0072	< 0.0005
P96-8A	29-May-08	0:00	M	< 0.25	856	78.4	< 0.00002	< 0.05	0.681	-	14.4	-	< 0.05	-	< 0.001	52.9	-	< 0.01	< 0.025	< 0.02	0.012	< 0.05	168	-
P96-8A	19-Sep-08	9:32	M	0.16	961	73.7	< 0.0002	< 0.001	0.809	< 0.04	17.3	2110	< 0.0008	10	< 0.0001	53	4.18	0.00012	< 0.0002	< 0.01	0.00649	< 0.004	267	< 0.002
P96-8B	29-May-08	0:00	M	< 0.5	835	85.4	< 0.00002	< 0.1	1.22	-	14.3	-	< 0.1	-	< 0.002	44.3	-	< 0.02	< 0.05	< 0.02	< 0.02	< 0.1	351	-
P96-8B	19-Sep-08	9:33	M	0.19	892	75.6	< 0.0002	< 0.001	1.22	< 0.04	16.8	2070	< 0.0008	7	0.0001	52.2	4	0.00004	< 0.0002	< 0.01	0.00328	< 0.004	442	< 0.002
P96-9A	04-Jun-08	16:56	M	< 0.025	235	0.859	< 0.00002	< 0.005	0.0122	-	4.2	-	< 0.005	-	< 0.0001	11.3	-	< 0.001	< 0.0025	< 0.01	0.0163	< 0.005	0.0136	-
P96-9A	18-Sep-08	10:45	M	0.007	293	0.42	< 0.00005	0.001	0.0142	< 0.01	4.95	618	0.0005	5.1	0.00006	12	1.14	0.00005	< 0.00005	0.006	0.0329	0.001	0.0158	< 0.0005
RGC-PW3	18-Sep-08	15:18	M	0.0189	14	0.0921	< 0.00001	0.00344	0.0328	0.006	1.56	28	0.00025	6.4	0.000029	4.73	0.295	0.000002	0.00002	0.0008	0.00148	< 0.0002	0.978	< 0.0001
S1A	28-May-08	15:55	M	< 0.5	914	97.2	< 0.00002	< 0.1	1.95	-	12.2	-	< 0.1	-	< 0.002	35.5	-	< 0.02	< 0.05	< 0.02	< 0.02	< 0.1	238	-
S1A	13-Aug-08	14:01	M	0.16	967	85.2	< 0.0002	< 0.001	1.81	< 0.04	12.4	2050	< 0.0008	11	0.0002	40.2	2.1	< 0.00004	< 0.0002	< 0.01	0.00901	< 0.004	270	< 0.002
S1A	13-Aug-08	14:01	REP	0.164	1060	95.3	< 0.00005	< 0.0003	1.87	< 0.01	15.3	2390	0.0002	13.7	0.0001	39.2	2.37	0.00002	< 0.00005	0.005	0.00871	< 0.001	254	< 0.0005
S1A	03-Nov-08	10:26	M	0.18	971	67.3	< 0.0005	< 0.003	2	< 0.1	12.4	2100	< 0.002	12	< 0.0003	46.8	2.28	< 0.0001	< 0.0005	0.04	0.0061	< 0.01	288	< 0.005
S1B	28-May-08	16:20	M	< 0.025	68	0.561	< 0.00002	< 0.005	0.0083	-	3.2	-	< 0.005	-	< 0.0001	33.8	-	< 0.001	< 0.0025	< 0.01	0.002	< 0.005	0.113	-
S1B	03-Nov-08	10:28	M	0.011	40.9	0.0199	< 0.00005	< 0.0003	0.0089	< 0.01	1.9	192	< 0.0002	7	< 0.00003	33.5	0.44	< 0.00001	< 0.00005	0.004	0.00014	< 0.001	0.0528	< 0.0005
S2A	28-May-08	0:00	M	< 0.25	654	75.3	< 0.00002	< 0.05	1.46	-	11.4	-	< 0.05	-	< 0.001	26.1	-	< 0.01	< 0.025	< 0.02	< 0.01	< 0.05	184	-
S2A	03-Nov-08	15:45	M	0.14	901	84	< 0.0005	0.023	3.84	0.2	11.7	1900	0.002	13	< 0.0003	30.2	1.99	< 0.0001	< 0.0005	< 0.03	0.0056	< 0.01	325	< 0.005
S2A	03-Nov-08	15:50	REP	0.14	885	83	< 0.0005	0.003	2.1	< 0.1	11.3	1930	< 0.002	12	< 0.0003	29.7	1.95	< 0.0001	< 0.0005	0.03	0.0051	< 0.01	329	< 0.005
S2B	28-May-08	0:00	M	< 0.25	651	71	0.000029	< 0.05	0.889	-	7.9	-	< 0.05	-	< 0.001	32.4	-	< 0.01	< 0.025	< 0.02	< 0.01	< 0.05	127	-
S2B	13-Aug-08	13:40	M	0.078	686	63.2	< 0.00005	< 0.0003	0.849	< 0.01	8.88	2090	< 0.0002	11.8	0.00011	34.8	2.75	< 0.00001	< 0.00005	0.008	0.00103	< 0.001	122	0.0006
S2B	03-Nov-08	15:55	M	0.14	954	88.8	< 0.0005	< 0.003	2.2	< 0.1	11.3	2080	< 0.002	12	< 0.0003	34.6	2.15	< 0.0001	< 0.0005	0.03	0.0006	< 0.01	375	< 0.005
S3	28-May-08	0:00	M	< 0.5	913	130	< 0.00002	< 0.1	2.42	-	12.1	-	< 0.1	-	< 0.002	22.5	-	< 0.02	< 0.05	< 0.02	< 0.02	< 0.1	353	-
S3	13-Aug-08	14:30	M	0.161	1100	123	0.0001	0.0013	2.62	0.03	14.8	2360	< 0.0004	13	0.00018	33.1	2.04	< 0.00002	0.0001	0.027	0.00083	0.005	429	0.001
S3	03-Nov-08	16:40	M	0.16	984	107	< 0.0005	< 0.003	2.51	< 0.1	12.3	2090	0.002	14	< 0.0003	28.8	1.89	< 0.0001	< 0.0005	0.04	0.001	< 0.01	422	< 0.005
SRK04-3A	29-May-08	17:35	M	-	809	65.3	-	-	-	-	11.3	-	-	-	-	53.7	-	-	-	-	-	-	249	-
SRK05-05C	04-Jun-08	16:07	M	< 0.01	76.2	1.8	< 0.00002	0.0131	0.0035	-	2.6	-	< 0.002	-	< 0.00004	13.8	-	< 0.0004	< 0.001	< 0.01	0.00833	< 0.002	0.007	-
SRK05-05C	18-Sep-08	9:40	M	0.0057	54.1	1.75	< 0.00001	0.0159	0.00334	0.007	2.14	127	0.00007	5.1	0.000013	14.4	0.661	0.00001	0.00003	0.0014	0.00726	0.0012	0.0062	0.0002
SRK05-07	04-Jun-08	9:30	M	< 0.025	161	0.0831	< 0.00002	< 0.005	0.0888	-	2.2	-	< 0.005	-	< 0.0001	7.6	-	< 0.001	< 0.0025	0.011	0.0134	< 0.005	0.028	-
SRK05-07	18-Sep-08	11:57	M	0.006	227	0.106	< 0.00005	0.001	0.113	< 0.01	1.63	585	0.0007	6.9	0.00012	13.9	1.36	0.00003	0.00011	0.007	0.0214	< 0.001	0.0293	0.0006
SRK05-08	04-Jun-08	17:33	M	< 0.025	160	< 0.0015	< 0.00002	< 0.005	< 0.005	-	< 2	-	< 0.005	-	< 0.0001	9.1	-	< 0.001	< 0.0025	< 0.01	0.0188	< 0.005	< 0.005	-
SRK05-08	18-Sep-08	11:45	M	0.016	159	0.00022	< 0.00001	0.0006	0.00098	< 0.002	1.75	294	0.00068	5.9	< 0.000005	9.54	1.29	0.000002	< 0.00001	< 0.0005	0.02	< 0.0002	0.0047	< 0.0001
SRK05-09	05-Jun-08	10:09	M	< 0.025	156	< 0.0015	< 0.00002	< 0.005	< 0.005	-	3.6	-	< 0.005	-	< 0.0001	7.7	-	< 0.001	< 0.0025	< 0.01	0.0266	< 0.005	0.0061	-
SRK05-09	18-Sep-08	12:41	M	0.0081	190	0.00009	< 0.00001	0.00379	0.00146	0.002	3.9	408	0.00068	3.8	0.000005	8.78	0.971	0.000009	0.00002	0.0007	0.0368	< 0.0002	0.0055	0.0002
SRK05-ETA-BR1	29-May-08	16:40	M	-	641	76.5	-	-	-	-	9.9	-	-	-	-	60.7	-	-	-	-	-	-	355	-
SRK05-ETA-BR2	29-May-08	17:10	M	-	90.8	3.49	-	-	-	-	3.7	-	-	-	-	27.9	-	-	-	-	-	-	10.2	-
SRK05-SP-1A	28-May-08	15:00	M	-	79.1	1.63	-	-	-	-	4.9	-	-	-	-	16.1	-	-	-	-	-	-	1.78	-

Table 6. 2008 Ground Water Quality Data, Faro Mine, Yukon

Well ID	Sample Date	Sample Time	Sample Class[a]	General Chemistry							Anions	Metals													
						Sp. Cond.	Sp. Cond.	Temp.	Hardness	Alkalinity (Total) as															
				pH (Field)	pH (Lab)	(Field)	(Lab)	(Field)	(CaCo3)	CaCO3	Sulphate	Aluminum	Antimony	Arsenic	Barium	Beryllium	Bismuth	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead
				pH unit	pH unit	µS/cm	µS/cm	°C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
SRK05-SP-1B	28-May-08	14:45	M	-	6.83	1021	1070	2.1	622	-	277	-	-	-	-	-	-	-	-	157	-	-	-	6.22	-
SRK05-SP-2	28-May-08	15:20	M	< 6.5	7.04	386	397	3	201	-	35.3	-	-	-	-	-	-	-	-	56.9	-	-	-	0.039	-
SRK05-SP-3A	28-May-08	14:00	M	-	6.6	1123	1170	3.4	660	-	362	-	-	-	-	-	-	-	-	154	-	-	-	25.3	-
SRK05-SP-3B	28-May-08	13:45	M	-	6.78	967	1040	2	591	-	283	-	-	-	-	-	-	-	-	143	-	-	-	9.04	-
SRK05-SP-4A	28-May-08	11:30	M	< 6.5	6.64	1345	1390	3.4	801	-	555	0.036	< 0.0025	< 0.0025	0.037	< 0.005	-	< 0.1	0.00328	160	< 0.005	0.01	< 0.005	18.7	< 0.0025
SRK05-SP-4A	03-Nov-08	15:25	M	6.48	6.7	894	820	1.4	446	270	190	0.0367	0.00011	0.00283	0.0265	0.00094	< 0.000005	< 0.05	0.00007	111	< 0.0001	0.0105	0.00053	20.6	0.000072
SRK05-SP-4B	28-May-08	11:00	M	< 6.5	6.63	6190	6850	3	5180	-	5820	< 0.5	< 0.05	< 0.05	< 0.04	< 0.1	-	< 0.2	0.102	440	< 0.1	0.06	< 0.1	< 0.06	< 0.05
SRK05-SP-4B	13-Aug-08	12:35	M	5.93	7	4100	6800	5.1	5890	190	5000	0.027	< 0.0002	0.0006	0.021	< 0.0001	< 0.00005	< 0.5	0.109	545	< 0.001	0.0866	0.011	0.09	0.0001
SRK05-SP-4B	03-Nov-08	14:38	M	6.92	6.8	6055	6300	3.3	5130	200	5600	0.15	< 0.001	0.001	0.019	< 0.0005	< 0.0003	< 3	0.101	481	< 0.005	0.0302	0.012	0.05	< 0.0003
SRK05-SP-5	28-May-08	10:01	M	< 6.5	6.75	5840	6520	3.9	5040	-	5220	< 0.5	< 0.05	< 0.05	< 0.04	< 0.1	-	< 0.2	0.0349	496	< 0.1	0.053	< 0.1	0.111	< 0.05
SRK05-SP-5	28-May-08	10:01	REP	< 6.5	6.75	5840	6520	3.9	4990	-	5290	< 0.5	< 0.05	< 0.05	< 0.04	< 0.1	-	< 0.2	0.0373	493	< 0.1	0.057	< 0.1	0.078	< 0.05
SRK05-SP-5	13-Aug-08	13:05	M	6.05	7	6641	6600	5.2	5850	210	4700	0.023	< 0.0002	0.0005	0.0184	0.0001	< 0.00005	< 0.5	0.0361	596	< 0.001	0.0594	0.0024	0.3	0.00038
SRK05-SP-5	03-Nov-08	13:03	M	5.97	6.9	6380	6700	2	5590	190	6100	0.24	< 0.001	< 0.001	0.02	< 0.0005	< 0.0003	< 3	0.044	492	< 0.005	0.0593	0.006	< 0.05	< 0.0003
SRK05-SP-6	03-Nov-08	12:03	M	6.85	7.7	2436	2300	0.6	1350	190	1200	0.012	< 0.0001	0.0003	0.0225	< 0.00005	< 0.00003	< 0.3	0.00006	356	< 0.0005	0.0006	0.0009	< 0.005	0.00004
TH86-13	05-Jun-08	17:00	M	7.12	7.61	214	302	3.8	163	-	22.1	0.0065	< 0.0005	< 0.0005	0.075	< 0.001	-	< 0.1	< 0.000017	50.2	< 0.001	0.00053	< 0.001	0.876	< 0.0005
TH86-14	17-Sep-08	18:44	M	7.03	7.8	303	310	6.1	151	100	48	0.0033	0.00017	0.00043	0.0823	< 0.00001	< 0.000005	< 0.05	< 0.000005	45.9	< 0.0001	0.000941	0.00033	0.616	0.000253
TH86-15	17-Sep-08	18:30	M	6.63	8	237	230	5.7	114	98	21	0.004	0.00008	0.00025	0.0618	< 0.00001	< 0.000005	< 0.05	0.000006	34	0.0001	0.000204	0.00056	0.299	0.000013
TH86-17	30-May-08	9:45	M	7.8	7.76	160	161	2.1	78.5	-	12	< 0.025	< 0.0025	< 0.0025	0.04	< 0.005	-	< 0.1	< 0.000085	22.9	< 0.005	< 0.0015	< 0.005	0.412	< 0.0025
TH86-17	17-Sep-08	16:54	M	6.4	7.7	191	160	6.6	77.7	68	15	0.0025	0.00011	0.00028	0.0462	< 0.00001	< 0.000005	< 0.05	0.000014	22.8	< 0.0001	0.000067	0.00094	0.145	0.000025
TH86-2	18-Sep-08	18:33	M	6.5	8	334	340	4.6	168	130	43	0.0026	0.0002	0.00048	0.0859	< 0.00001	< 0.000005	< 0.05	0.000037	50.3	< 0.0001	0.00024	0.00137	0.252	0.000022
TH86-5	30-May-08	9:30	M	-	7.49	-	763	-	423	-	22	< 0.01	< 0.001	0.0644	0.153	< 0.002	-	< 0.1	0.000065	131	< 0.002	0.0008	< 0.002	8.06	< 0.001
V34	04-Jun-08	11:27	M	7.02	7.96	1175	1220	4.2	767	-	166	< 0.025	< 0.0025	< 0.0025	0.156	< 0.005	-	< 0.1	< 0.000085	112	< 0.005	< 0.0015	< 0.005	< 0.03	< 0.0025
V34	18-Sep-08	12:49	M	7.58	8.1	1385	1200	4.2	795	550	180	0.0051	0.00007	0.00217	0.15	< 0.00001	< 0.000005	< 0.05	0.000008	119	< 0.0001	0.000924	0.00009	0.977	0.000626
V35	04-Jun-08	10:52	M	7.04	7.65	2071	2590	4.5	1700	-	1170	< 0.025	< 0.0025	< 0.0025	< 0.02	< 0.005	-	< 0.1	< 0.000085	350	< 0.005	< 0.0015	< 0.005	< 0.03	< 0.0025
V35	18-Sep-08	13:22	M	7.46	8.2	8350	1400	4.1	874	390	450	0.0008	0.00029	0.00059	0.0145	< 0.00001	< 0.000005	< 0.05	0.000038	196	0.0007	0.000066	0.0003	0.007	0.000203
V36	04-Jun-08	15:35	M	7.52	7.72	1131	1190	3	742	-	315	< 0.01	< 0.001	0.0025	< 0.02	< 0.002	-	< 0.1	0.000117	157	< 0.002	< 0.0006	< 0.002	< 0.03	< 0.001
V36	18-Sep-08	9:59	M	7.18	8	1381	1500	5.2	961	360	550	0.0006	0.00026	0.00208	0.00904	< 0.00001	< 0.000005	< 0.05	0.000182	205	< 0.0001	0.00101	0.00157	0.005	0.00124
V37	04-Jun-08	9:49	M	7.31	8.02	795	824	3	445	-	68.8	< 0.01	< 0.001	0.0015	0.143	< 0.002	-	< 0.1	0.000056	60.2	< 0.002	< 0.0006	< 0.002	0.382	< 0.001
V37	18-Sep-08	9:33	M	7.53	8.4	871	880	3.3	482	420	110	0.0022	0.00005	0.00256	0.129	< 0.00001	< 0.000005	< 0.05	0.000013	67.5	< 0.0001	0.000288	0.00011	0.665	0.000267
X16A	29-May-08	13:45	M	7.51	8.07	338	341	5	179	-	27.6	< 0.005	< 0.0005	< 0.0005	0.085	< 0.001	-	< 0.1	0.000055	51.9	< 0.001	< 0.0003	< 0.001	< 0.03	< 0.0005
X16A	16-Sep-08	13:37	M	7.82	8.3	402	390	4.1	202	160	49	0.0018	0.00022	0.00022	0.1	< 0.00001	< 0.000005	< 0.05	0.000073	58.9	0.0001	0.000023	0.00032	0.008	0.000052
X16B	29-May-08	14:10	M	7.66	8.21	387	406	4.6	218	-	25.8	< 0.005	< 0.0005	< 0.0005	0.133	< 0.001	-	< 0.1	< 0.000017	61.5	< 0.001	< 0.0003	< 0.001	< 0.03	< 0.0005
X16B	16-Sep-08	13:38	M	7.6	8.3	388	400	6.3	220	190	27	0.0009	0.00012	0.00015	0.129	< 0.00001	< 0.000005	< 0.05	0.000011	61.4	0.0001	0.000013	0.0002	0.003	0.000051
X17A	29-May-08	16:35	M	7.34	8.15	555	587	3.6	326	-	47.1	< 0.005	< 0.0005	< 0.0005	0.203	< 0.001	-	< 0.1	0.000042	92.1	< 0.001	< 0.0003	< 0.001	< 0.03	< 0.0005
X17A	16-Sep-08	11:22	M	7.77	8.4	485	480	3.1	260	230	39	0.0005	0.00009	0.00048	0.151	< 0.00001	< 0.000005	< 0.05	0.00003	72	< 0.0001	0.000013	0.00033	0.002	0.00006
X17B	29-May-08	16:40	M	7.1	7.8	997	1050	3.4	534	-	183	< 0.01	< 0.001	< 0.001	0.187	< 0.002	-	< 0.1	< 0.000034	146	< 0.002	< 0.0006	< 0.002	3.1	< 0.001
X17B	16-Sep-08	11:24	M	7.23	8.3	639	630	3.8	338	290	62	0.0005	< 0.00002	0.00024	0.233	0.00001	< 0.000005	< 0.05	< 0.000005	93.1	< 0.0001	0.000022	< 0.00005	0.81	0.000011
X18A	28-May-08	17:45	M	7.04	7.83	1438	1560	5.2	911	-	654	0.03	< 0.0025	0.0093	0.181	< 0.005	-	< 0.1	< 0.000085	259	< 0.005	< 0.0015	< 0.005	2.55	< 0.0025
X18A	16-Sep-08	16:50	M	7.27	8.2	1422	1400	3.9	810	260	560	0.0017	0.00003	0.00907	0.161	< 0.00001	< 0.000005	< 0.05	< 0.000005	234	< 0.0001	0.000286	< 0.00005	2.23	0.000042
X18B	28-May-08	18:02	M	7.01	7.84	1385	1510	4.4	867	-	619	< 0.025	< 0.0025	< 0.0025	0.116	< 0.005	-	< 0.1	0.000293	250	< 0.005	< 0.0015	< 0.005	0.263	< 0.0025
X18B	16-Sep-08	16:44	M	7.22	8.3	823	830	2.9	456	270	180	0.0004	0.00006	0.00031	0.0613	< 0.00001	< 0.000005	< 0.05	0.000261	134	< 0.0001	0.000459	0.00062	0.009	0.000047
X21A-96	05-Jun-08	16:00	M	5.9	4.48	10580	10800	4.1	2400	-	9800	< 0.5	< 0.05	< 0.05	< 0.1	< 0.1	-	< 0.5	< 0.0017	275	< 0.1	< 0.03	< 0.1	4720	< 0.05
X21A-96	05-Jun-08	16:00	REP	5.9	4.35	10580	10500	4.1	2380	-	10100	< 0.5	< 0.05	< 0.05	< 0.1	< 0.1	-	< 0.5	< 0.0017	273	< 0.1	< 0.03	< 0.1	4760	< 0.05
X21A-96	17-Sep-08	13:13	M	5.85	3.3	1276	12000	5.1	2610	< 0.5	12000	0.09	< 0.002	0.008	0.004	0.003	< 0.0005	< 5	0.0007	296	< 0.01	0.0723	< 0.005	5780	0.0063
X21A-96	17-Sep-08	13:13	REP	5.85	3.4	1276	12000	5.1	2610	< 0.5	13000	0.1	< 0.002	0.009	0.004	0.002	< 0.0005	< 5	0.0006	296	< 0.01	0.0708	< 0.005	6010	0.0119
X21B-96	05-Jun-08	16:08	M	6.8	6.73	1373	1760	3.6	795	-	867	< 0.025	< 0.0025	0.0062	< 0.02	< 0.005	-	< 0.1	0.000109	238	< 0.005	0.0109	< 0.005	90.6	< 0.0025
X21B-96	17-Sep-08	13:22	M	6.69	7.3	1960	1800	3.8	828	66	940	0.003	0.0001	0.0055	0.0207	< 0.00005	< 0.00003	< 0.3	0.00017	253	< 0.0005	0.0126	< 0.0003	82.3	0.00005
X24A-96	29-May-08	11:05	M	6.59	7.59	1757	1940	4.5	1130	-	876	< 0.05	< 0.005	< 0.005	< 0.02	< 0.01	-	< 0.1	0.00041	330	< 0.01	0.0305	< 0.01	1.21	< 0.005
X24A-96	12-Aug-08	12:13	M	6.43	7.3	2770	2800	5	1970	350	1500	0.004	< 0.0001	0.0003	0.0218	< 0.00005	< 0.00003	< 0.3	0.00087	581	< 0.0005	0.0751	0.0008	4.29	< 0.00003
X24A-96	17-Sep-08	9:22	M	6.54	7.8	2860	2900	4.6	1760	340	1700	< 0.001	0.0001	0.0004	0.0208	< 0.00005	< 0.00003	< 0.3	0.00073	523	< 0.0005	0.09	0.0005	6.3	0.00007
X24A-96	04-Nov-08	15:15	M	6.44	7.4	2639	2700	1.9	1660	360	1500	0.006	< 0.0001	0.0002	0.0215	< 0.00005	< 0.00003	< 0.3	0.00118	485	< 0.0005	0.0779	0.0019	4.17	0.00003
X24D-96	12-Aug-08	12:55	M	6.36	7.4	2420	3400	5	2480	410	2100	0.005	< 0.0001	0.0004	0.0209	< 0.00005	< 0.00003	< 0.3	0.00291	750	< 0.0005	0.0765	0.002	0.045	< 0.00003
X24D-96	17-Sep-08	9:20	M	6.45	7.9	3430	3400	3.8	2390	400	1900	< 0.001	0.0001	0.0004	0.0205	< 0.00005	< 0.00003	< 0.3	0.00288	710	< 0.0005	0.0785	0.0017	0.11	0.00004
X24D-96	04-Nov-08	15:45	M	6.46	7.5	3281	3400	1.8	2220	410	2200	0.004	< 0.0001	0.0003	0.0207	< 0.00005	< 0.00003	< 0.3	0.00292	659	< 0.0005	0.0858	0.0022	0.011	0.00009
X25A-96	29-May-08	11:35	M	7.13	7.92	980	1060	4.1	556	-	327	< 0.01	< 0.001	< 0.001	0.046	< 0.002	-	< 0.1	0.000117	160	< 0.002	0.00642	< 0.002	< 0.03	< 0.001
X25A-96	12-Aug-08	13:55	SS	-	7.8	-	1100	-	595	260	350	0.0024	0.00005	0.00024	0.0418	< 0.00001	< 0.000005	< 0.05	0.000126	175	< 0.0001	0.00554	0.00063	0.028	0.000023

Table 6. 2008 Ground Water Quality Data, Faro Mine, Yukon

Well ID	Sample Date	Sample Time	Sample Class[a]	Metals																				
				Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus	Potassium	Sulphur	Selenium	Silicon	Silver	Sodium	Strontium	Thallium	Tin	Titanium	Uranium	Vanadium	Zinc	Zirconium
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
SRK05-SP-1B	28-May-08	14:45	M	-	55.7	0.903	-	-	-	-	5.2	-	-	-	-	10.3	-	-	-	-	-	-	0.254	-
SRK05-SP-2	28-May-08	15:20	M	-	14.4	1.1	-	-	-	-	< 2	-	-	-	-	6.5	-	-	-	-	-	-	0.172	-
SRK05-SP-3A	28-May-08	14:00	M	-	67	0.96	-	-	-	-	4.7	-	-	-	-	10.4	-	-	-	-	-	-	1.22	-
SRK05-SP-3B	28-May-08	13:45	M	-	56.8	0.886	-	-	-	-	5.5	-	-	-	-	8.9	-	-	-	-	-	-	0.692	-
SRK05-SP-4A	28-May-08	11:30	M	0.072	97.9	2.81	< 0.00002	< 0.005	0.103	-	4.9	-	< 0.005	-	< 0.0001	10.9	-	< 0.001	< 0.0025	< 0.01	< 0.001	< 0.005	16.5	-
SRK05-SP-4A	03-Nov-08	15:25	M	0.0621	40.8	1.2	< 0.00001	0.0001	0.0226	0.002	4.62	74	< 0.00004	8.2	< 0.000005	9.48	0.528	< 0.000002	0.00001	< 0.0005	0.000642	< 0.0002	1.03	< 0.0001
SRK05-SP-4B	28-May-08	11:00	M	< 0.5	991	89.1	< 0.00002	< 0.1	3.09	-	12.8	-	< 0.1	-	< 0.002	32.6	-	< 0.02	< 0.05	< 0.02	< 0.02	< 0.1	407	-
SRK05-SP-4B	13-Aug-08	12:35	M	0.159	1100	120	< 0.0001	< 0.0005	2.92	< 0.02	14.7	2360	< 0.0004	15	0.0002	31.3	2.05	< 0.00002	< 0.0001	0.011	0.00624	< 0.002	452	< 0.001
SRK05-SP-4B	03-Nov-08	14:38	M	0.14	954	94.7	< 0.0005	< 0.003	2.46	< 0.1	12	1930	< 0.002	13	0.0004	30.5	1.99	< 0.0001	< 0.0005	< 0.03	0.0077	< 0.01	368	< 0.005
SRK05-SP-5	28-May-08	10:01	M	< 0.5	924	101	< 0.00002	< 0.1	2.28	-	11.7	-	< 0.1	-	< 0.002	30.7	-	< 0.02	< 0.05	< 0.02	< 0.02	< 0.1	291	-
SRK05-SP-5	28-May-08	10:01	REP	< 0.5	912	109	< 0.00002	< 0.1	2.51	-	11.9	-	< 0.1	-	< 0.002	30.7	-	< 0.02	< 0.05	< 0.02	< 0.02	< 0.1	294	-
SRK05-SP-5	13-Aug-08	13:05	M	0.155	1060	105	< 0.0001	< 0.0005	2.21	< 0.02	13.6	2260	< 0.0004	14	0.00013	37.7	2.2	< 0.00002	< 0.0001	0.011	0.00937	< 0.002	326	< 0.001
SRK05-SP-5	03-Nov-08	13:03	M	0.16	1060	92.9	< 0.0005	< 0.003	2.3	< 0.1	12.6	2150	< 0.002	12	< 0.0003	42.3	2.03	< 0.0001	< 0.0005	< 0.03	0.0063	< 0.01	367	< 0.005
SRK05-SP-6	03-Nov-08	12:03	M	0.022	112	0.0491	0.00006	< 0.0003	0.0069	< 0.01	4.33	457	0.0004	4.9	< 0.00003	56	0.916	0.00007	< 0.00005	0.005	0.00508	< 0.001	0.0083	< 0.0005
TH86-13	05-Jun-08	17:00	M	< 0.005	9.1	0.724	< 0.00002	0.0018	0.0037	-	< 2	-	< 0.001	-	< 0.00002	2.7	-	< 0.0002	< 0.0005	< 0.01	0.00325	< 0.001	0.0096	-
TH86-14	17-Sep-08	18:44	M	0.0048	8.82	0.0855	< 0.00001	0.00183	0.00391	0.002	1.44	14	0.00036	4.7	0.000025	2.77	0.203	< 0.000002	0.00001	0.0008	0.0021	< 0.0002	0.0087	< 0.0001
TH86-15	17-Sep-08	18:30	M	0.0044	6.98	0.0107	< 0.00001	0.00073	0.00163	< 0.002	1.32	8	0.00026	4.5	< 0.000005	2.52	0.152	< 0.000002	< 0.00001	0.0006	0.00133	< 0.0002	0.0072	< 0.0001
TH86-17	30-May-08	9:45	M	< 0.025	5.17	0.0248	< 0.00002	< 0.005	0.0086	-	< 2	-	< 0.005	-	< 0.0001	2.2	-	< 0.001	< 0.0025	< 0.01	< 0.001	< 0.005	0.0144	-
TH86-17	17-Sep-08	16:54	M	0.0047	5.07	0.0028	< 0.00001	0.00054	0.00151	< 0.002	0.72	6	0.00019	4.8	0.000005	1.86	0.0949	< 0.000002	< 0.00001	0.0007	0.000383	< 0.0002	0.0116	< 0.0001
TH86-2	18-Sep-08	18:33	M	0.0041	10.2	0.00847	< 0.00001	0.00277	0.0072	< 0.002	1.46	16	0.00047	4.7	< 0.000005	3.16	0.236	< 0.000002	0.00003	< 0.0005	0.00327	< 0.0002	0.0071	< 0.0001
TH86-5	30-May-08	9:30	M	0.053	23.4	0.392	< 0.00002	0.0192	0.0104	-	2.4	-	< 0.002	-	< 0.00004	16	-	< 0.0004	< 0.001	< 0.01	0.00325	< 0.002	< 0.005	-
V34	04-Jun-08	11:27	M	< 0.025	119	0.0885	< 0.00002	< 0.005	< 0.005	-	4	-	< 0.005	-	< 0.0001	6.8	-	< 0.001	< 0.0025	< 0.01	0.0135	< 0.005	< 0.005	-
V34	18-Sep-08	12:49	M	0.0183	121	0.0847	< 0.00001	0.003	0.00138	0.012	3.73	72	< 0.00004	5.1	0.000012	6.62	1.18	< 0.000002	0.00006	0.0009	0.0148	< 0.0002	0.0022	0.0003
V35	04-Jun-08	10:52	M	< 0.025	200	0.029	< 0.00002	< 0.005	0.0061	-	4.4	-	< 0.005	-	< 0.0001	8.1	-	< 0.001	< 0.0025	< 0.01	0.081	< 0.005	0.0063	-
V35	18-Sep-08	13:22	M	0.0178	93.5	0.00353	< 0.00001	0.00147	0.00169	0.021	3.22	165	0.00271	4.7	0.000008	5.88	0.576	0.000014	0.00003	0.0005	0.0329	< 0.0002	0.0014	0.0002
V36	04-Jun-08	15:35	M	0.03	84.5	0.00212	< 0.00002	< 0.002	0.0036	-	3.4	-	0.0064	-	< 0.00004	6.2	-	< 0.0004	< 0.001	< 0.01	0.0131	< 0.002	0.024	-
V36	18-Sep-08	9:59	M	0.034	109	0.0146	< 0.00001	0.00043	0.00684	0.002	3.85	210	0.00329	5	< 0.000005	6.61	1.01	0.000026	0.00001	0.0006	0.0203	< 0.0002	0.0365	< 0.0001
V37	04-Jun-08	9:49	M	0.025	71.5	0.0658	< 0.00002	0.0184	< 0.002	-	6.2	-	< 0.002	-	< 0.00004	22.5	-	< 0.0004	< 0.001	< 0.01	0.00058	< 0.002	0.0055	-
V37	18-Sep-08	9:33	M	0.0248	76.1	0.0896	< 0.00001	0.0226	0.00091	0.021	5.93	37	< 0.00004	2.7	< 0.000005	23.1	0.534	< 0.000002	0.00004	< 0.0005	0.0013	< 0.0002	0.0014	0.0002
X16A	29-May-08	13:45	M	< 0.005	12	0.00321	< 0.00002	0.0022	< 0.001	-	< 2	-	< 0.001	-	< 0.00002	< 2	-	< 0.0002	< 0.0005	< 0.01	0.00162	< 0.001	0.0071	-
X16A	16-Sep-08	13:37	M	0.0026	13.3	0.00399	< 0.00001	0.00217	0.00035	0.002	1.29	18	0.00104	4.5	0.000005	2.14	0.165	0.000003	0.00002	< 0.0005	0.0022	< 0.0002	0.0049	< 0.0001
X16B	29-May-08	14:10	M	< 0.005	15.7	0.00043	< 0.00002	0.0017	< 0.001	-	< 2	-	0.0018	-	< 0.00002	< 2	-	< 0.0002	< 0.0005	< 0.01	0.00178	< 0.001	0.0478	-
X16B	16-Sep-08	13:38	M	0.0029	16.1	0.00036	< 0.00001	0.00175	0.00044	< 0.002	1.2	10	0.00177	4	< 0.000005	1.97	0.179	0.000002	< 0.00001	0.0006	0.00205	< 0.0002	0.0006	< 0.0001
X17A	29-May-08	16:35	M	< 0.005	23.4	0.0174	< 0.00002	< 0.001	< 0.001	-	< 2	-	< 0.001	-	< 0.00002	2.9	-	< 0.0002	< 0.0005	< 0.01	0.00272	< 0.001	0.0118	-
X17A	16-Sep-08	11:22	M	0.0035	19.4	0.0112	< 0.00001	0.00118	0.00033	0.017	1.27	14	0.0006	4.4	< 0.000005	2.69	0.205	< 0.000002	0.00007	< 0.0005	0.00305	< 0.0002	0.0031	< 0.0001
X17B	29-May-08	16:40	M	0.031	41	0.466	< 0.00002	< 0.002	< 0.002	-	3.2	-	< 0.002	-	< 0.00004	35.7	-	< 0.0004	< 0.001	< 0.01	0.00175	< 0.002	< 0.005	-
X17B	16-Sep-08	11:24	M	0.0252	25.6	0.256	< 0.00001	0.00109	0.00007	0.03	2.51	23	< 0.00004	4.9	0.000011	14.9	0.416	< 0.000002	< 0.00001	0.0005	0.00261	< 0.0002	0.0002	0.0017
X18A	28-May-08	17:45	M	< 0.025	64.1	3.37	< 0.00002	< 0.005	< 0.005	-	6	-	< 0.005	-	< 0.0001	25.2	-	< 0.001	< 0.0025	< 0.01	0.0069	< 0.005	< 0.005	-
X18A	16-Sep-08	16:50	M	0.0104	55	1.25	< 0.00001	0.00105	0.00078	0.056	5.99	221	< 0.00004	5.8	< 0.000005	22.7	0.978	< 0.000002	< 0.00001	< 0.0005	0.00778	< 0.0002	0.0008	0.0001
X18B	28-May-08	18:02	M	< 0.025	59.1	2.77	< 0.00002	< 0.005	0.015	-	6.5	-	< 0.005	-	< 0.0001	21.5	-	< 0.001	< 0.0025	< 0.01	0.009	< 0.005	0.0053	-
X18B	16-Sep-08	16:44	M	0.008	29.8	1.74	< 0.00001	0.00124	0.00945	0.004	5.15	72	0.00119	5	< 0.000005	11.6	0.427	0.000006	< 0.00001	< 0.0005	0.00582	< 0.0002	0.002	< 0.0001
X21A-96	05-Jun-08	16:00	M	< 0.5	416	278	< 0.00002	< 0.1	< 0.1	-	< 10	-	< 0.1	-	< 0.002	64	-	< 0.02	< 0.05	< 0.05	< 0.02	< 0.1	29.5	-
X21A-96	05-Jun-08	16:00	REP	< 0.5	413	270	< 0.00002	< 0.1	< 0.1	-	< 10	-	< 0.1	-	< 0.002	64	-	< 0.02	< 0.05	< 0.05	< 0.02	< 0.1	28	-
X21A-96	17-Sep-08	13:13	M	0.12	453	302	< 0.001	< 0.005	0.037	< 0.2	11	4250	< 0.004	< 10	0.0011	55	0.587	< 0.0002	< 0.001	< 0.05	0.0008	< 0.02	60.9	< 0.01
X21A-96	17-Sep-08	13:13	REP	0.11	454	300	< 0.001	< 0.005	0.031	< 0.2	11	4300	< 0.004	< 10	0.0006	54	0.587	< 0.0002	< 0.001	< 0.05	0.0009	< 0.02	60.9	< 0.01
X21B-96	05-Jun-08	16:08	M	< 0.025	48.6	23.3	< 0.00002	< 0.005	0.0164	-	4.5	-	< 0.005	-	< 0.0001	63.7	-	< 0.001	< 0.0025	< 0.01	0.0028	< 0.005	0.205	-
X21B-96	17-Sep-08	13:22	M	0.013	47.7	26.8	< 0.00005	0.0009	0.0175	< 0.01	4.27	323	< 0.0002	7.5	0.00011	53.3	0.651	0.00003	< 0.00005	0.009	0.00322	< 0.001	0.28	< 0.0005
X24A-96	29-May-08	11:05	M	< 0.05	74.6	23.6	< 0.00002	< 0.01	0.03	-	5.8	-	< 0.01	-	< 0.0002	24.8	-	< 0.002	< 0.005	< 0.01	0.0065	< 0.01	0.0062	-
X24A-96	12-Aug-08	12:13	M	0.015	126	51.2	< 0.00005	< 0.0003	0.0578	< 0.01	7.08	649	< 0.0002	9.9	< 0.00003	36.3	1.43	0.00005	< 0.00005	< 0.003	0.00985	< 0.001	0.0126	< 0.0005
X24A-96	17-Sep-08	9:22	M	0.015	111	48	< 0.00005	< 0.0003	0.0733	< 0.01	6.54	565	< 0.0002	7.7	< 0.00003	32.4	1.37	0.00005	< 0.00005	0.005	0.00911	< 0.001	0.0123	< 0.0005
X24A-96	04-Nov-08	15:15	M	0.015	108	43.7	< 0.00005	< 0.0003	0.0679	< 0.01	6.12	514	< 0.0002	10.3	< 0.00003	32.6	1.36	0.00004	< 0.00005	0.005	0.00863	< 0.001	0.0194	< 0.0005
X24D-96	12-Aug-08	12:55	M	0.026	148	66.4	< 0.00005	0.0005	0.266	< 0.01	7.9	790	< 0.0002	10.1	< 0.00003	49.2	1.81	0.00019	< 0.00005	0.004	0.006	< 0.001	0.0829	< 0.0005
X24D-96	17-Sep-08	9:20	M	0.026	150	61.8	< 0.00005	0.0005	0.271	< 0.01	8.07	810	< 0.0002	8.8	0.00004	47.6	1.67	0.00019	< 0.00005	0.005	0.00603	< 0.001	0.0822	< 0.0005
X24D-96	04-Nov-08	15:45	M	0.027	140	62.4	< 0.00005	0.0004	0.278	< 0.01	7.35	723	< 0.0002	10.1	< 0.00003	45.3	1.83	0.00018	< 0.00005	0.005	0.0061	< 0.001	0.0846	< 0.0005
X25A-96	29-May-08	11:35	M	< 0.01	38.1	6.15	< 0.00002	0.0022	0.0045	-	4.3	-	< 0.002	-	< 0.00004	25.3	-	< 0.0004	< 0.001	< 0.01	0.00911	< 0.002	< 0.005	-
X25A-96	12-Aug-08	13:55	SS	0.0035	38.3	7.05	< 0.00001	0.00218	0.00446	0.002	4.65	135	0.00004	8.4	< 0.000005	25.7	0.461	0.000016	< 0.00001	< 0.0005	0.0103	< 0.0002	0.002	0.0001

Table 6. 2008 Ground Water Quality Data, Faro Mine, Yukon

Well ID	Sample Date	Sample Time	Sample Class[a]	General Chemistry							Anions	Metals													
						Sp. Cond.	Sp. Cond.	Temp.	Hardness	Alkalinity (Total) as															
				pH (Field)	pH (Lab)	(Field)	(Lab)	(Field)	(CaCo3)	CaCO3	Sulphate	Aluminum	Antimony	Arsenic	Barium	Beryllium	Bismuth	Boron	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead
				pH unit	pH unit	µS/cm	µS/cm	°C	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
X25A-96	12-Aug-08	13:55	M	7.13	7.9	1130	1100	5.5	630	270	360	0.0026	0.00005	0.00023	0.0424	< 0.00001	< 0.000005	< 0.05	0.000124	186	< 0.0001	0.00528	0.0006	0.024	0.000115
X25A-96	16-Sep-08	17:37	M	7.19	8.3	1110	1100	4.2	602	270	370	0.0013	0.00005	0.00025	0.0458	< 0.00001	< 0.000005	< 0.05	0.000092	178	< 0.0001	0.00545	0.00053	0.036	0.000034
X25A-96	04-Nov-08	16:30	M	7.19	7.9	1174	1200	2	580	260	410	0.002	0.00005	0.00017	0.0457	< 0.00001	< 0.000005	< 0.05	0.000151	170	< 0.0001	0.00659	0.00209	0.006	0.000034
X25B-96	29-May-08	11:50	M	7.37	8.07	1093	1170	4	577	-	383	< 0.01	< 0.001	< 0.001	0.03	< 0.002	-	< 0.1	< 0.000034	180	< 0.002	< 0.0006	< 0.002	0.68	< 0.001
X25B-96	12-Aug-08	14:05	M	7.4	8	1182	1200	4.9	669	270	410	0.0011	0.00002	0.00056	0.028	< 0.00001	< 0.000005	< 0.05	0.000019	214	< 0.0001	0.000224	0.00011	0.776	0.000006
X25B-96	16-Sep-08	17:38	REP	7.45	8.2	1184	1200	4	596	250	430	0.0007	0.00003	0.00059	0.0281	< 0.00001	< 0.000005	< 0.05	0.000024	190	< 0.0001	0.000229	0.00014	0.87	0.000033
X25B-96	16-Sep-08	17:38	M	7.45	8.2	1184	1200	4	625	250	430	0.001	0.00002	0.00058	0.0267	< 0.00001	< 0.000005	< 0.05	0.000022	200	< 0.0001	0.000223	0.00012	0.781	0.000012
X25B-96	04-Nov-08	16:50	M	7.37	8	1154	1200	2.4	555	270	420	0.0009	< 0.00002	0.00053	0.0273	< 0.00001	< 0.000005	< 0.05	0.000021	174	< 0.0001	0.000212	0.00011	0.77	0.000014
New 2008 SRK Wells (High and Medium Priority)																									
SRK08-P10A	05-Nov-08	15:30	M	7.35	7.6	3250	3400	0	2140	430	2000	0.021	0.0003	0.0004	0.0342	< 0.00005	< 0.00003	< 0.3	0.00041	730	< 0.0005	0.00813	0.0012	0.011	0.0002
SRK08-P12A	05-Nov-08	13:43	M	5.76	6.6	1202	1200	0.8	650	580	170	0.063	0.0002	0.0006	0.0352	0.00071	< 0.00003	< 0.3	< 0.00003	178	0.0008	0.00806	< 0.0003	14.8	0.00017
SRK08-P12B	05-Nov-08	13:31	M	5.95	6.6	771	730	0.2	419	330	76	0.0551	0.00003	0.00008	0.0845	0.00039	< 0.000005	< 0.05	0.000054	119	0.0002	0.00397	0.00017	5.99	0.00002
SRK08-P14	02-Nov-08	14:30	M	6.98	7.3	4100	3600	2.9	2330	330	2400	0.023	0.0004	0.0014	0.0353	0.00011	< 0.00003	< 0.3	0.00428	435	< 0.0005	0.0274	0.0004	14.3	0.00761
SRK08-SBR1	03-Nov-08	13:53	M	6.07	7.1	3705	4200	2.2	3160	240	3300	0.019	0.0002	0.0029	0.0241	0.00085	< 0.00003	< 0.3	< 0.00003	754	0.0006	0.0126	0.0008	37.5	0.00026
SRK08-SBR2	03-Nov-08	14:30	M	6.98	7.3	4100	3600	2.9	2330	330	2400	0.023	0.0004	0.0014	0.0353	0.00011	< 0.00003	< 0.3	0.00428	435	< 0.0005	0.0274	0.0004	14.3	0.00761
SRK08-SBR3	03-Nov-08	11:48	M	6.52	7.8	3520	3400	1.2	2190	460	1800	0.013	< 0.0001	0.0004	0.0207	< 0.00005	< 0.00003	< 0.3	< 0.00003	464	< 0.0005	0.00289	0.0014	0.099	0.00005
SRK08-SBR4	03-Nov-08	13:48	M	6.06	7.2	6556	7100	2	5530	140	6500	0.06	< 0.001	0.002	0.023	< 0.0005	< 0.0003	< 3	0.0559	457	0.005	0.171	0.004	1.51	< 0.0003
SRK08-SP7A	03-Nov-08	16:45	M	6.81	7.1	3503	3500	1.7	2440	210	2300	0.026	< 0.0001	0.0047	0.0258	0.00056	< 0.00003	< 0.3	0.00014	577	< 0.0005	0.0264	< 0.0003	54.8	0.00027
SRK08-SP7B	03-Nov-08	16:10	REP	7.36	6.7	6010	6300	3.5	5010	52	5300	0.104	< 0.0004	0.013	0.0346	0.0003	< 0.0001	< 1	< 0.0001	469	< 0.002	0.0471	< 0.001	76	0.0008
SRK08-SP7B	03-Nov-08	16:10	M	7.36	6.7	6010	6400	3.5	4970	57	5800	0.077	< 0.0004	0.013	0.0337	0.0004	< 0.0001	< 1	0.0001	468	< 0.002	0.0473	< 0.001	75.2	0.0002
SRK08-SPW1	19-Sep-08	0:00	M	5.87	6.7	897	870	3.8	457	270	200	0.0441	0.00035	0.00344	0.0285	0.00102	< 0.000005	< 0.05	0.000127	116	0.0002	0.0115	0.00038	20.6	0.00102
SRK08-SPW1	03-Nov-08	14:43	M	6.08	6.8	940	880	2.3	428	290	210	0.052	0.0001	0.0036	0.026	0.00117	< 0.00003	< 0.3	0.00004	106	< 0.0005	0.00996	< 0.0003	22.3	0.00015
SRK08-SPW2	03-Nov-08	16:05	M	7.03	7.1	6402	6700	2.1	5310	210	5900	0.05	< 0.001	0.002	0.018	< 0.0005	< 0.0003	< 3	0.0382	492	< 0.005	0.0306	0.006	0.07	0.0006
SRK08-DPI	29-Aug-08	0:00	M		6.83		7240		6000	111	6230	0.13	< 0.01	< 0.01	0.0322	< 0.05	< 0.05	< 1	0.0753	407	< 0.05	0.967	0.015	13.9	< 0.005
SRK08-P10A	26-Aug-08	0:00	M	7		2750		3.7																	
SRK08-P10A	05-Nov-08	15:30	M	7.35	7.6	3250	3400	0	2140	430	2000	0.021	0.0003	0.0004	0.0342	< 0.00005	< 0.00003	< 0.3	0.00041	730	< 0.0005	0.00813	0.0012	0.011	0.0002
SRK08-P11A	26-Aug-08	0:00	M	7	7.92	713	707		391	273	210	0.0034	< 0.0001	0.00011	0.0562	< 0.0005	< 0.0005	< 0.01	< 0.00005	127	< 0.0005	0.00126	0.00081	0.178	0.000088
SRK08-P11B	26-Aug-08	0:00	M	6.67	7.74	894	879		492	175	330	0.0026	< 0.0002	< 0.0002	0.0407	< 0.001	< 0.001	< 0.02	0.00043	151	< 0.001	0.00159	0.00089	0.073	0.0001
SRK08-P12A	27-Aug-08	0:00	M	6.93	6.25	1405	1240	2.3	647	154	154	0.0956	0.00031	0.00112	0.0574	< 0.001	< 0.001	< 0.02	< 0.0001	177	0.0087	0.00982	0.00051	17.9	0.00013
SRK08-P12A	05-Nov-08	13:43	M	5.76	6.6	1202	1200	0.8	650	580	170	0.063	0.0002	0.0006	0.0352	0.00071	< 0.00003	< 0.3	< 0.00003	178	0.0008	0.00806	< 0.0003	14.8	0.00017
SRK08-P12B	27-Aug-08	0:00	M	7.57	6.38	843	819	2.4	402	380	86.9	0.0704	< 0.0002	< 0.0002	0.0965	< 0.001	< 0.001	< 0.02	0.00011	115	0.0032	0.0109	0.00061	3.83	< 0.0001
SRK08-P12B	05-Nov-08	13:31	M	5.95	6.6	771	730	0.2	419	330	76	0.0551	0.00003	0.00008	0.0845	0.00039	< 0.000005	< 0.05	0.000054	119	0.0002	0.00397	0.00017	5.99	0.00002
SRK08-P13A	26-Aug-08	0:00	M	6.78		646		2																	
SRK08-P13B	26-Aug-08	0:00	M	6.79		600		1.2																	
SRK08-P14	17-Sep-08	0:00	M	7.84	8.14	830	921	1.8	570	211	294	< 0.002	0.00022	0.00033	0.089	< 0.001	< 0.001	< 0.02	< 0.0001	173	< 0.001	0.00034	0.0036	< 0.03	0.00021
SRK08-P14	05-Nov-08	10:25	M	7.47	7.8	1140	1200	1.3	685	210	490	0.0041	0.00022	0.00025	0.0971	< 0.00001	< 0.000005	< 0.05	0.00004	206	0.0002	0.00039	0.00283	0.009	0.000088
SRK08-P15	17-Sep-08	0:00	M	7.75	8.04	1480	1600	1.8	1030	365	578	< 0.005	0.00056	0.00055	0.0858	< 0.0025	< 0.0025	< 0.05	< 0.00025	267	< 0.0025	0.00072	0.00216	0.062	< 0.00025
SRK08-P16	18-Sep-08	0:00	M	7.93	8.08	920	1050	5.3	654	284	331	0.0031	0.00028	0.00043	0.136	< 0.001	< 0.001	< 0.02	< 0.0001	189	< 0.001	0.00058	0.00072	< 0.03	< 0.0001
SRK08-P16	05-Nov-08	11:45	M	7.46	8	1150	1200	1.6	681	320	400	0.005	0.00014	0.00034	0.156	< 0.00001	< 0.000005	< 0.05	0.000044	193	0.0001	0.000221	0.00033	0.003	0.000032
SRK08-P9	02-Sep-08	0:00	M	7.36	7.9	877	1290	2.5	762	269	487	< 0.002	< 0.0002	0.00029	0.111	< 0.001	< 0.001	< 0.02	< 0.0001	243	< 0.001	0.00128	0.00178	< 0.03	0.00011
SRK08-SBR1	08-Sep-08	0:00	M	6.39	7.27	2760	2880	2.6	2000	256	1840	0.022	< 0.001	0.0081	0.0337	< 0.005	< 0.005	< 0.1	< 0.0005	485	< 0.005	0.0091	0.0039	24.4	0.0402
SRK08-SBR1	03-Nov-08	13:53	M	6.07	7.1	3705	4200	2.2	3160	240	3300	0.019	0.0002	0.0029	0.0241	0.00085	< 0.00003	< 0.3	< 0.00003	754	0.0006	0.0126	0.0008	37.5	0.00026
SRK08-SBR2	11-Sep-08	0:00	M	6.59	7.48	3200	3450	4.8	2430	232	2320	0.021	< 0.001	0.0011	0.0685	< 0.005	< 0.005	< 0.1	0.0047	396	< 0.005	0.0412	0.003	7.97	0.00502
SRK08-SBR2	03-Nov-08	14:30	M	6.98	7.3	4100	3600	2.9	2330	330	2400	0.023	0.0004	0.0014	0.0353	0.00011	< 0.00003	< 0.3	0.00428	435	< 0.0005	0.0274	0.0004	14.3	0.00761
SRK08-SBR3	12-Sep-08	0:00	M	7.3	7.95	2080	2150	2.8	1230	371	1060	0.0057	< 0.0005	0.00055	0.0438	< 0.0025	< 0.0025	< 0.05	< 0.00025	270	< 0.0025	0.00144	0.00241	< 0.03	0.00048
SRK08-SBR3	03-Nov-08	11:48	M	6.52	7.8	3520	3400	1.2	2190	460	1800	0.013	< 0.0001	0.0004	0.0207	< 0.00005	< 0.00003	< 0.3	< 0.00003	464	< 0.0005	0.00289	0.0014	0.099	0.00005
SRK08-SBR4	15-Sep-08	0:00	M	7.04	7.34	3980	4260	4.3	3190	155	3130	0.381	< 0.005	< 0.005	0.0738	< 0.025	< 0.025	< 0.5	0.0162	343	< 0.025	0.102	< 0.005	2.12	< 0.0025
SRK08-SBR4	03-Nov-08	13:48	M	6.06	7.2	6556	7100	2	5530	140	6500	0.06	< 0.001	0.002	0.023	< 0.0005	< 0.0003	< 3	0.0559	457	0.005	0.171	0.004	1.51	< 0.0003
SRK08-SP7A	31-Aug-08	0:00	M	5.91	6.31	2880	3260	4.6	2000	225	2140	0.0313	< 0.0005	0.00523	0.0298	< 0.0025	< 0.0025	< 0.05	< 0.00025	485	< 0.0025	0.0223	0.00065	50.8	< 0.00025
SRK08-SP7A	03-Nov-08	16:45	M	6.81	7.1	3503	3500	1.7	2440	210	2300	0.026	< 0.0001	0.0047	0.0258	0.00056	< 0.00003	< 0.3	0.00014	577	< 0.0005	0.0264	< 0.0003	54.8	0.00027
SRK08-SP7B	31-Aug-08	0:00	M	6	6.41	6200	6610	4.8	5160	61.9	5680	0.063	< 0.002	0.0028	0.0346	< 0.01	< 0.01	< 0.2	< 0.001	489	< 0.01	0.043	< 0.002	76.5	< 0.001
SRK08-SP7B	03-Nov-08	16:10	M	7.36	6.7	6010	6400	3.5	4970	57	5800	0.077	< 0.0004	0.013	0.0337	0.0004	< 0.0001	< 1	0.0001	468	< 0.002	0.0473	< 0.001	75.2	0.0002
SRK08-SP7B	03-Nov-08	16:10	F	7.36	6.7	6010	6300	3.5	5010	52	5300	0.104	< 0.0004	0.013	0.0346	0.0003	< 0.0001	< 1	< 0.0001	469	< 0.002	0.0471	< 0.001	76	0.0008
SRK08-SP8A	30-Aug-08	0:00	M	6.19	6.39	1720	2740	1.3	1140	427	1470	0.0273	< 0.0005	0.00586	0.0212	< 0.0025	< 0.0025	< 0.05	< 0.00025	287	< 0.0025	0.00654	0.00064	29.2	< 0.00025
SRK08-SP8B	30-Aug-08	0:00	M	6.25	6.78	1220	1300	1.3	745	284	481	0.0393	< 0.0002	0.00076	0.0466	< 0.001	< 0.001	< 0.02	< 0.0001	192	< 0.001	0.0077	0.00043	20.7	< 0.0001
SRK08-SPW1	05-Sep-08	0:00	M	7.84		720		3.5																	
SRK08-SPW1	19-Sep-08	0:00	M	5.87	6.7	897	870	3.8	457	270	200	0.0441	0.00035	0.00344	0.0285	0.00102	< 0.000005	< 0.05	0.000127	116	0.0002	0.0115	0.00038	20.6	0.00102
SRK08-SPW1	03-Nov-08	14:43	M	6.08	6.8	940	880	2.3	428	290	210	0.052	0.0001	0.0036	0.026	0.00117	< 0.00003	< 0.3	0.00004	106	< 0.0005	0.00996	< 0.0003	22.3	0.00015
SRK08-SPW2	15-Sep-08	0:00	M	7.76	7.39	5870	6400	4.2	5230	190	5340	< 0.05	< 0.005	< 0.005	0.0236	< 0.025	< 0.025	< 0.5	0.0269	517	< 0.025	0.0363	0.0108	< 0.15	< 0.0025
SRK08-SPW2	03-Nov-08	16:05	M	7.03	7.1	6402	6700	2.1	5310	210	5900	0.05	< 0.001	0.002	0.018	< 0.0005	< 0.0003	< 3	0.0382	492	< 0.005	0.0306	0.006	0.07	0.0006
SRK08-SPW4	09-Sep-08	0:00	M		7.18		6780		5160	171	5780	< 0.1	< 0.01	< 0.01	0.0307	< 0.05	< 0.05	< 1	0.101	411	< 0.05	< 0.01	0.028	< 0.06	< 0.005

Table 6. 2008 Ground Water Quality Data, Faro Mine, Yukon

Well ID	Sample Date	Sample Time	Sample Class[a]	Metals																			
				Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Phosphorus	Potassium	Sulphur	Selenium	Silicon	Silver	Sodium	Strontium	Thallium	Tin	Titanium	Uranium	Vanadium	Zinc	Zirconium
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
X25A-96	12-Aug-08	13:55	M	0.0035	40.3	6.99	< 0.00001	0.00216	0.00425	0.002	4.58	142	< 0.00004	6.8	< 0.000005	27.4	0.453	0.000016	< 0.00001	< 0.0005	0.0104	< 0.0002	0.0019	0.0001
X25A-96	16-Sep-08	17:37	M	0.0036	38.1	6.85	< 0.00001	0.00221	0.00421	0.003	4.68	142	< 0.00004	5.9	< 0.000005	25.7	0.451	0.000013	< 0.00001	0.0006	0.0103	< 0.0002	0.0014	0.0001
X25A-96	04-Nov-08	16:30	M	0.0036	37.7	7.1	< 0.00001	0.00149	0.00534	0.002	4.02	140	0.00004	5.4	< 0.000005	23.7	0.464	0.000016	< 0.00001	< 0.0005	0.00905	< 0.0002	0.002	< 0.0001
X25B-96	29-May-08	11:50	M	< 0.01	31	0.169	< 0.00002	< 0.002	< 0.002	-	3.2	-	< 0.002	-	< 0.00004	46.5	-	< 0.0004	< 0.001	< 0.01	0.00535	< 0.002	< 0.005	-
X25B-96	12-Aug-08	14:05	M	0.0091	32.9	0.205	< 0.00001	0.00043	0.00074	0.007	3.6	165	< 0.00004	5.6	< 0.000005	52.5	0.46	0.000008	< 0.00001	< 0.0005	0.00603	< 0.0002	0.0004	< 0.0001
X25B-96	16-Sep-08	17:38	REP	0.0089	29.4	0.18	< 0.00001	0.0004	0.00075	0.007	3.43	154	< 0.00004	4.4	< 0.000005	47.3	0.418	0.000006	< 0.00001	< 0.0005	0.00557	< 0.0002	0.0006	< 0.0001
X25B-96	16-Sep-08	17:38	M	0.0086	30.7	0.189	< 0.00001	0.00038	0.00072	0.006	3.57	159	< 0.00004	4	< 0.000005	49.7	0.42	0.000005	< 0.00001	< 0.0005	0.00539	< 0.0002	0.0002	< 0.0001
X25B-96	04-Nov-08	16:50	M	0.009	29.1	0.186	< 0.00001	0.0004	0.00063	0.006	3.21	142	< 0.00004	4.4	< 0.000005	45.5	0.444	0.000006	< 0.00001	< 0.0005	0.00583	< 0.0002	0.0002	< 0.0001
New 2008 SRK Wells (High and Medium Priority)																								
SRK08-P10A	05-Nov-08	15:30	M	0.009	76.2	0.395	< 0.00005	0.0021	0.0164	< 0.01	13.9	661	0.0003	7.4	< 0.00003	97.5	1.29	0.00003	0.00005	0.004	0.0315	< 0.001	0.0819	0.0007
SRK08-P12A	05-Nov-08	13:43	M	0.1	50.2	0.84	< 0.00005	0.0003	0.0165	0.02	3.16	54	< 0.0002	9.7	< 0.00003	24.9	1.04	0.00004	< 0.00005	0.015	0.00064	< 0.001	1	0.0008
SRK08-P12B	05-Nov-08	13:31	M	0.0867	29.4	0.586	< 0.00001	0.00014	0.00544	< 0.002	3.66	31	< 0.00004	9.1	0.00001	15.8	0.734	0.000052	0.00002	0.0014	0.00103	< 0.0002	0.229	0.0027
SRK08-P14	05-Nov-08	10:25	M	0.007	41.6	0.0386	0.00001	0.0015	0.00131	< 0.002	0.97	166	0.00215	4.8	0.000006	3.79	0.956	0.000005	0.00004	0.0006	0.00376	< 0.0002	0.0078	< 0.0001
SRK08-P16	05-Nov-08	11:45	M	0.0059	48.4	0.0135	0.00001	0.0017	0.00176	< 0.002	2.11	133	0.00228	3.5	< 0.000005	8.03	0.931	0.000012	0.00006	0.0006	0.0144	< 0.0002	0.0092	0.0002
SRK08-P9	02-Sep-08	0:00	M	0.012	37.7	0.133		0.00549	0.0101	< 0.3	6.1		< 0.002	6	< 0.00002	14.8	1.62	< 0.0002	< 0.0002	< 0.01	0.00779	< 0.002	0.01	
SRK08-SBR1	08-Sep-08	0:00	M	0.078	192	3.25		0.00091	0.0647	< 0.3	9.2		< 0.01	11.3	< 0.0001	20.6	1.93	< 0.001	< 0.001	< 0.01	0.0023	< 0.01	1.13	
SRK08-SBR1	03-Nov-08	13:53	M	0.088	309	5.12	0.00006	0.0006	0.0785	< 0.01	9.81	1060	< 0.0002	9	< 0.00003	25.6	2.89	< 0.00001	< 0.00005	0.005	0.0015	< 0.001	1.13	< 0.0005
SRK08-SBR2	11-Sep-08	0:00	M	0.107	349	20.9		0.00577	0.228	< 0.3	9.6		< 0.01	10.7	< 0.0001	31.8	1.52	< 0.001	< 0.001	0.01	0.0112	< 0.01	28.6	
SRK08-SBR2	03-Nov-08	14:30	M	0.071	302	20.1	0.00005	0.0029	0.296	< 0.01	7.23	759	0.0003	10.7	< 0.00003	21.7	1.57	0.00002	< 0.00005	0.004	0.0144	< 0.001	36.3	< 0.0005
SRK08-SBR3	12-Sep-08	0:00	M	0.048	135	0.118		0.00031	0.0107	< 0.3	5.4		< 0.005	4.53	< 0.00005	35.9	0.73	< 0.0005	< 0.0005	0.01	0.0177	< 0.005	0.0232	
SRK08-SBR3	03-Nov-08	11:48	M	0.077	251	0.104	< 0.00005	0.0003	0.018	< 0.01	7.06	673	0.0006	5.8	< 0.00003	62.4	1.23	0.00004	< 0.00005	0.005	0.031	< 0.001	0.0426	< 0.0005
SRK08-SBR4	15-Sep-08	0:00	M	< 0.25	566	37.7		0.0051	1.11	< 1.5	13		< 0.05	10.2	< 0.0005	29	1.38	< 0.005	< 0.005	< 0.05	0.00376	< 0.05	119	
SRK08-SBR4	03-Nov-08	13:48	M	0.18	1070	74.9	< 0.0005	0.003	2.42	< 0.1	13.2	2110	< 0.002	11	< 0.0003	54.1	2.06	< 0.0001	< 0.0005	< 0.03	0.0049	< 0.01	367	< 0.005
SRK08-SP7A	31-Aug-08	0:00	M	0.072	191	4.22		0.00075	0.0536	< 0.3	8.9		< 0.005	15.7	< 0.00005	21.3	1.4	< 0.0005	< 0.0005	< 0.01	0.00295	< 0.005	1.64	
SRK08-SP7A	03-Nov-08	16:45	M	0.08	242	6.31	< 0.00005	< 0.0003	0.0739	< 0.01	8.29	847	< 0.0002	13.1	< 0.00003	21.2	1.74	< 0.00001	< 0.00005	0.005	0.00323	< 0.001	2.56	< 0.0005
SRK08-SP7B	31-Aug-08	0:00	M	0.16	956	75.8		0.0015	0.329	< 0.6	11.5		< 0.02	13.4	< 0.0002	32.8	1.96	< 0.002	< 0.002	< 0.02	0.00167	< 0.02	96.8	
SRK08-SP7B	03-Nov-08	16:10	M	0.19	923	78.7	< 0.0002	< 0.001	0.31	< 0.04	12	1920	0.0009	15	< 0.0001	32.1	2.04	< 0.00004	< 0.0002	0.01	0.00091	< 0.004	123	< 0.002
SRK08-SP7B	03-Nov-08	16:10	F	0.19	933	79.6	< 0.0002	< 0.001	0.313	< 0.04	12	1960	< 0.0008	14	< 0.0001	33.3	2.07	< 0.00004	< 0.0002	0.01	0.00094	< 0.004	125	< 0.002
SRK08-SP8A	30-Aug-08	0:00	M	0.079	102	1.68		0.00035	0.0154	< 0.3	5.1		< 0.005	14.4	< 0.00005	17	1.12	< 0.0005	< 0.0005	< 0.01	0.00153	< 0.005	0.444	
SRK08-SP8B	30-Aug-08	0:00	M	0.048	64.6	1.5		0.00089	0.0105	< 0.3	5.3		< 0.002	13.1	< 0.00002	14	0.687	< 0.0002	< 0.0002	< 0.01	0.0025	< 0.002	0.359	
SRK08-SPW1	05-Sep-08	0:00	M																					
SRK08-SPW1	19-Sep-08	0:00	M	0.0631	40.4	1.28	< 0.00001	0.00015	0.0264	0.005	4.55	81	< 0.00004	13.3	0.000006	10.2	0.521	0.000003	< 0.00001	0.0009	0.000666	< 0.0002	1.28	< 0.0001
SRK08-SPW1	03-Nov-08	14:43	M	0.065	39.9	1.16	< 0.00005	< 0.0003	0.0273	< 0.01	4.19	75	< 0.0002	15	< 0.00003	9.45	0.529	< 0.00001	< 0.00005	0.006	0.00056	< 0.001	1.14	< 0.0005
SRK08-SPW2	15-Sep-08	0:00	M	< 0.25	956	66.5		< 0.0025	1.88	< 1.5	14		< 0.05	12.3	< 0.0005	42	2.02	< 0.005	< 0.005	< 0.05	0.0072	< 0.05	233	
SRK08-SPW2	03-Nov-08	16:05	M	0.16	990	80.5	< 0.0005	< 0.003	2.16	< 0.1	12.4	2040	0.002	13	< 0.0003	40.7	2.07	< 0.0001	< 0.0005	0.04	0.0068	< 0.01	336	< 0.005
SRK08-SPW4	09-Sep-08	0:00	M	< 0.5	1000	91.8		< 0.005	2.58	< 0.6	13.5		< 0.1	12.7	< 0.001	33.5	1.87	< 0.01	< 0.01	< 0.02	0.0037	< 0.1	355	

Appendix A

Original Laboratory Reports

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

ANALYTICAL REPORT

GARTNER LEE LTD.

ATTN: KAI WOLOSHYN

2251 2ND AVENUE

WHITEHORSE YT Y1A 5W1

Reported On: 19-JUN-08 05:12 PM

Lab Work Order #: **L636545** **Date Received:** **02-JUN-08**

Project P.O. #:
Job Reference: 70549 FARO MINE
Legal Site Desc: FARO MINE
CofC Numbers: GLL FARO 2008-7

Other Information:

Comments:

Joyce Chow
General Manager, Vancouver

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

NATASHA MARKOVIC-MIROVIC

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 ID	L636545-1	L636545-2	L636545-3	L636545-4	L636545-5
	Description					
	Sampled Date	28-MAY-08	28-MAY-08	28-MAY-08	28-MAY-08	28-MAY-08
	Sampled Time					
	Client ID	P03-04-01	P03-04-02	P03-04-03	P03-04-04	P03-04-05
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	26.0	18.6	17.7	13.1	19.4
	Cation Sum (meq/L)	25.9	19.3	17.7	14.0	20.0
	Cation - Anion Balance (%)	-0.2	1.9	0.0	3.4	1.6
	Hardness (as CaCO3) (mg/L)	1080	851	780	497	831
	Conductivity (uS/cm)	2070	1570	1480	1240	1570
	pH (pH)	7.73	7.15	6.97	7.64	6.80
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	280	126	94.4	215	141
	Sulfate (SO4) (mg/L)	979	771	761	421	795
Dissolved Metals	Calcium (Ca)-Dissolved (mg/L)	345	252	227	162	251
	Iron (Fe)-Dissolved (mg/L)	5.25	0.088	0.168	4.88	23.7
	Magnesium (Mg)-Dissolved (mg/L)	53.6	53.6	51.8	22.5	49.8
	Manganese (Mn)-Dissolved (mg/L)	1.97	33.2	31.9	5.38	40.3
	Potassium (K)-Dissolved (mg/L)	5.4	4.0	3.6	3.2	3.7
	Sodium (Na)-Dissolved (mg/L)	89.0	22.5	20.3	82.5	22.7
	Zinc (Zn)-Dissolved (mg/L)	<0.0050	0.0420	0.0496	0.0053	0.0209

ALS LABORATORY GROUP ANALYTICAL REPORT

		Sample ID	L636545-6	L636545-7	L636545-8	L636545-9	L636545-10
		Description					
		Sampled Date	28-MAY-08	28-MAY-08	28-MAY-08	28-MAY-08	28-MAY-08
		Sampled Time					
		Client ID	P03-04-06	P03-04-07	P03-04-08	P03-04-X	P03-06-01
Grouping	**Analyte**						
WATER							
Physical Tests	Anion Sum (meq/L)		83.9	81.3	130	17.2	39.1
	Cation Sum (meq/L)		82.6	79.7	129	18.1	38.2
	Cation - Anion Balance (%)		-0.8	-1.0	-0.5	2.4	-1.1
	Hardness (as CaCO3) (mg/L)		1600	1590	1370	805	1700
	Conductivity (uS/cm)		4950	4840	7060	1480	2800
	pH (pH)		5.83	5.81	4.49	6.71	6.63
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)		37.8	34.1	<2.0	96.1	143
	Sulfate (SO4) (mg/L)		3990	3870	6260	735	1740
Dissolved Metals	Calcium (Ca)-Dissolved (mg/L)		473	469	395	236	470
	Iron (Fe)-Dissolved (mg/L)		1260	1190	2670	0.219	16.4
	Magnesium (Mg)-Dissolved (mg/L)		101	101	94.1	52.5	127
	Manganese (Mn)-Dissolved (mg/L)		14.0	12.3	20.8	28.3	56.9
	Potassium (K)-Dissolved (mg/L)		11.3	11.3	9.7	3.7	3.9
	Sodium (Na)-Dissolved (mg/L)		104	101	111	20.4	34.1
	Zinc (Zn)-Dissolved (mg/L)		3.32	2.62	2.33	0.0494	1.89

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636545-11	L636545-12	L636545-13	L636545-14	L636545-15
	Description					
	Sampled Date	28-MAY-08	28-MAY-08	28-MAY-08	28-MAY-08	28-MAY-08
	Sampled Time					
	Client ID	P03-06-02	P03-06-03	P03-06-04	P03-06-05	P03-06-X
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	48.2	56.0	25.4	17.3	51.6
	Cation Sum (meq/L)	49.8	55.4	26.3	19.0	55.3
	Cation - Anion Balance (%)	1.6	-0.5	1.7	4.6	3.4
	Hardness (as CaCO3) (mg/L)	1820	1920	1100	518	1920
	Conductivity (uS/cm)	3380	3720	1930	1430	3720
	pH (pH)	5.98	5.94	6.61	6.03	5.97
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	52.3	80.7	141	29.6	52.3
	Sulfate (SO4) (mg/L)	2260	2610	1090	805	2430
Dissolved Metals	Calcium (Ca)-Dissolved (mg/L)	493	519	313	94.8	519
	Iron (Fe)-Dissolved (mg/L)	247	328	59.1	174	326
	Magnesium (Mg)-Dissolved (mg/L)	143	153	77.9	68.4	152
	Manganese (Mn)-Dissolved (mg/L)	84.7	111	31.9	15.5	110
	Potassium (K)-Dissolved (mg/L)	4.5	5.4	3.4	3.3	5.3
	Sodium (Na)-Dissolved (mg/L)	29.7	21.0	17.5	21.5	21.0
	Zinc (Zn)-Dissolved (mg/L)	3.98	5.24	4.81	28.5	5.29

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
ALK-COL-VA	Water	Alkalinity by Colourimetric (Automated)	APHA 310.2

This analysis is carried out using procedures adapted from EPA Method 310.2 "Alkalinity". Total Alkalinity is determined using the methyl orange colourimetric method.

ALK-PCT-VA	Water	Alkalinity by Auto. Titration	APHA 2320 "Alkalinity"

This analysis is carried out using procedures adapted from APHA Method 2320 "Alkalinity". Total alkalinity is determined by potentiometric titration to a pH 4.5 endpoint. Bicarbonate, carbonate and hydroxide alkalinity are calculated from phenolphthalein alkalinity and total alkalinity values.

EC-PCT-VA	Water	Conductivity (Automated)	APHA 2510 Auto. Conduc.

This analysis is carried out using procedures adapted from APHA Method 2510 "Conductivity". Conductivity is determined using a conductivity electrode.

HARDNESS-CALC-VA	Water	Hardness	APHA 2340B

Hardness is calculated from Calcium and Magnesium concentrations, and is expressed as calcium carbonate equivalents.

IONBALANCE-VA	Water	Ion Balance Calculation	APHA 1030E

Cation Sum, Anion Sum, and Ion Balance (as % difference) are calculated based on guidance from APHA Standard Methods (1030E Checking Correctness of Analysis). Because all aqueous solutions are electrically neutral, the calculated ion balance (% difference of cations minus anions) should be near-zero.

Cation and Anion Sums are the total meq/L concentration of major cations and anions. Dissolved species are used where available. Minor ions are included where data is present. Ion Balance is calculated as:

Ion Balance (%) = [Cation Sum-Anion Sum] / [Cation Sum+Anion Sum]

MET-DIS-CCME-ICP-VA	Water	Diss. Metals in Water by ICPOES (CCME)	EPA SW-846 3005A/6010B

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - optical emission spectrophotometry (EPA Method 6010B).

MET-DIS-CCME-MS-VA	Water	Diss. Metals in Water by ICPMS (CCME)	EPA SW-846 3005A/6020A

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - mass spectrometry (EPA Method 6020A).

PH-PCT-VA	Water	pH by Meter (Automated)	APHA 4500-H "pH Value"

This analysis is carried out using procedures adapted from APHA Method 4500-H "pH Value". The pH is determined in the laboratory using a pH electrode

SO4-TUR-VA	Water	Sulphate(SO4) by Turbidity	APHA 4500-SO4 "Sulphate"

This analysis is carried out using procedures adapted from APHA Method 4500-SO4 "Sulphate". Sulphate is determined using the turbidimetric method.

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.
The last two letters of the above ALS Test Code column 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
VA	ALS LABORATORY GROUP - VANCOUVER, BC, CANADA		

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)

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 enviromental 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.
mg/kg (units) - unit of concentration based on mass, parts per million
mg/L (units) - unit of concentration based on volume, parts per million
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.
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.

Received

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES
Environmental Division

Chain of Custody / Analytical Request Form
Canada Toll Free: 1 800 668 9878
www.alsglobal.com

COC # GLFaro 2008-7
Page 1 of 2

Report to:	Report Format / Distribution	Service Requested:
Company: Gartner Lee Ltd	☑ Standard ☐ Other	☑ Regular Service (Default)
Contact: Kai Wolcshyn	☑ PDF ☑ Excel ☐ Fax	☐ Rush Service (2-3 Days)
Address: 2251 2nd Ave, Whitehorse, YT	Email 1: kwolcshyn @gartnerlee.com	☐ Priority Service (1 Day or ASAP)
	Email 2: ebabyn @gartnerlee.com	☐ Emergency Service (<1 Day / Wkend) - Contact ALS
Phone: 867-633-6474 Fax:		Analysis Request
Invoice To: ☑ Same as Report	Indicate Bottles: Filtered / Preserved (F/P) →	F/P
Company:	**Client / Project Information:**	
Contact:	Job #: 70549 ~~60001~~ FARO Mine	
Address:	PO/AFE:	
Sample	Legal Site Description: Faro Mine	
Phone: 780-428-3465 Fax:	Quote #:	
Lab Work Order # (lab use only): L636545	**ALS Contact:** Natasha MM	**Sampler** (Initials):

Sample #	Sample Identification (This description will appear on the report)	Date dd-mmm-yy	Time hh:mm	Sample Type (Select from drop-down list)	pH, Conductivity	Total Alkalinity	Sulphate	Chloride	D-Metals - CCME (Full)	D-Metals (Reduced List *note)	ION BALANCE	Hardness			Hazardous?	Highly Contaminated?	Number of Containers
	P03-04-01	28-May-08		Water	X	X	X			X	X	X					2
	P03-04-02			Water	X	X	X			X	X	X					2
	P03-04-03			Water	X	X	X			X	X	X					2
	P03-04-04			Water	X	X	X			X	X	X					2
	P03-04-05			Water	X	X	X			X	↘	X					2
	P03-04-06			Water	X	X	X			X	↘	X					2
	P03-04-07			Water	X	X	X			X	X	X					2
	P03-04-08			Water	X	X	X			X	X	X				X	2
	P03-04-X			Water	X	X	X			X	X	X					2
	P03-06-01	28-May-08		Water	X	X	X			X	X	X					2

Guidelines / Regulations	Special Instructions / Hazardous Details
CCME Aquatic Life	Please make sure Zn dl is 0.005mg/L.| Ion Balance needs to be reproted.| *GAR250-MET-D-FARO-VA(1)(Reduced list)

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 adjacent worksheet.

Relinquished By:	Date & Time:	Received By:	Date & Time:	Sample Condition (lab use only)
[signature]	01-June-08	[signature]	8/6/2	Temperature: 5
[signature]	"	[signature]	1:30	Samples Received in Good Condition? Y / N (if no provided details)

Reduced.

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES
Environmental Division

Chain of Custody / Analytical Request Form
Canada Toll Free: 1 800 668 9878
www.alsglobal.com

COC # GLFaro2008-8

Page 2 of 2

Report to:	**Report Format / Distribution**	**Service Requested:**
Company: Gartner Lee Ltd	☑ Standard ☐ Other	☑ Regular Service (Default)
Contact: Kai Wolfshyn.	☑ PDF ☑ Excel ☐ Fax	☐ Rush Service (2-3 Days)
Address: 2251 2nd Ave, Whitehorse, YT	Email 1: kwolfshyn @gartnerlee.com	☐ Priority Service (1 Day or ASAP)
	Email 2: ebarbyn @gartnerlee.com	☐ Emergency Service (<1 Day / Wkend) - Contact ALS
Phone: 867-633-6474 Fax:		**Analysis Request**
Invoice To: ☑ Same as Report	Indicate Bottles: Filtered / Preserved (F/P) →	F/P
Company:	**Client / Project Information:**	
Contact:	Job #: 70549 ~~0001~~ FARO Mine	
Address:	PO/AFE:	
Sample	Legal Site Description: Faro Mine.	
Phone: 780-428-3465 Fax:	Quote #:	
Lab Work Order # (lab use only)	**ALS Contact:** Natasha MM **Sampler** (Initials):	

Sample #	Sample Identification (This description will appear on the report)	Date dd-mmm-yy	Time hh:mm	Sample Type (Select from drop-down list)	pH, Conductivity	Total Alkalinity	Sulphate	Chloride	D-Metals - CCME (Full)	D-Metals (Reduced List *note)	ION BALANCE	Hardness			Hazardous?	Highly Contaminated?	Number of Containers
	P03-06-02	28-May-08		Water	X	X	X			X	X	X					2
	P03-06-03	↓		Water	X	X	X			X	X	X					2
	P03-06-04			Water	X	X	X			X	X	X					2
	P03-06-05			Water	X	X	X			X	X	X					2
	P03-06-X			Water	X	X	X			X	X	X					2
				Water													
				Water													
				Water													
				Water													
				Water													

Guidelines / Regulations	**Special Instructions / Hazardous Details**
CCME Aquatic Life	Please make sure Zn dl is 0.005mg/L.| Ion Balance needs to be reproted.| *GAR250-MET-D-FARO-VA(1)(Reduced list)

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 adjacent worksheet.

Relinquished By:	Date & Time:	Received By:	Date & Time:	Sample Condition (lab use only)
Jen Hunter	01-June-08		6/2	Temperature: 5
Kai Wolfshyn.	"		1:30	Samples Received in Good Condition? Y / N (if no provided details)

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

ANALYTICAL REPORT

GARTNER LEE LTD.

ATTN: KAI WOLOSHYN

2251 2ND AVENUE

WHITEHORSE YT Y1A 5W1

Reported On: 13-JUN-08 11:05 AM

Lab Work Order #: **L636546** **Date Received:** **02-JUN-08**

Project P.O. #:
Job Reference: 70549 FARO MINE
Legal Site Desc: FARO MINE
CofC Numbers: GLL FARO 2008-5

Other Information:

Comments:

Joyce Chow
General Manager, Vancouver

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

NATASHA MARKOVIC-MIROVIC

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 Canada Ltd.
Part of the **ALS Laboratory Group**
1988 Triumph Street, Vancouver, BC V5L 1K5
Phone: +1 604 253 4188 Fax: +1 604 253 6700 www.alsglobal.com
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ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636546-1	L636546-2	L636546-3	L636546-4	L636546-5
	Description					
	Sampled Date	27-MAY-08	27-MAY-08	27-MAY-08	27-MAY-08	27-MAY-08
	Sampled Time					
	Client ID	P3-08-01	P3-08-02	P3-08-03	P3-08-04	P3-08-05
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	6.1	6.9	10.1	15.4	25.7
	Cation Sum (meq/L)	6.2	7.1	10.1	16.6	28.0
	Cation - Anion Balance (%)	0.8	1.4	0.1	3.9	4.3
	Hardness (as CaCO3) (mg/L)	300	336	464	670	1020
	Conductivity (uS/cm)	532	623	848	1330	2140
	pH (pH)	8.13	8.00	7.97	7.49	7.47
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	263	261	314	313	275
	Chloride (Cl) (mg/L)					
	Sulfate (SO4) (mg/L)	38.8	82.3	183	437	971
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)					
	Antimony (Sb)-Dissolved (mg/L)					
	Arsenic (As)-Dissolved (mg/L)					
	Barium (Ba)-Dissolved (mg/L)					
	Beryllium (Be)-Dissolved (mg/L)					
	Boron (B)-Dissolved (mg/L)					
	Cadmium (Cd)-Dissolved (mg/L)					
	Calcium (Ca)-Dissolved (mg/L)	74.0	93.4	132	191	290
	Chromium (Cr)-Dissolved (mg/L)					
	Cobalt (Co)-Dissolved (mg/L)					
	Copper (Cu)-Dissolved (mg/L)					
	Iron (Fe)-Dissolved (mg/L)	<0.030	<0.030	0.058	37.6	50.1
	Lead (Pb)-Dissolved (mg/L)					
	Lithium (Li)-Dissolved (mg/L)					
	Magnesium (Mg)-Dissolved (mg/L)	28.1	24.8	32.6	46.6	73.1
	Manganese (Mn)-Dissolved (mg/L)	0.0285	3.13	6.66	2.65	5.92
	Mercury (Hg)-Dissolved (mg/L)					
	Molybdenum (Mo)-Dissolved (mg/L)					
	Nickel (Ni)-Dissolved (mg/L)					
	Potassium (K)-Dissolved (mg/L)	2.2	<2.0	2.4	3.6	15.0
	Selenium (Se)-Dissolved (mg/L)					
	Silver (Ag)-Dissolved (mg/L)					
	Sodium (Na)-Dissolved (mg/L)	2.6	7.4	12.3	38.4	119
	Thallium (Tl)-Dissolved (mg/L)					
	Tin (Sn)-Dissolved (mg/L)					
	Titanium (Ti)-Dissolved (mg/L)					
	Uranium (U)-Dissolved (mg/L)					
	Vanadium (V)-Dissolved (mg/L)					
	Zinc (Zn)-Dissolved (mg/L)	<0.0050	0.0055	0.0072	0.0304	<0.0050

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636546-6	L636546-7	L636546-8	L636546-9	L636546-10
	Description					
	Sampled Date	27-MAY-08	27-MAY-08	27-MAY-08	27-MAY-08	27-MAY-08
	Sampled Time					
	Client ID	P3-08-06	P3-08-07	P3-08-08	P3-09-01	P3-09-02
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	23.9	10.1	4.6	16.9	15.8
	Cation Sum (meq/L)	24.0	11.8	4.4	16.8	16.6
	Cation - Anion Balance (%)	0.2	7.6	-2.9	-0.3	2.3
	Hardness (as CaCO3) (mg/L)	878	296	80.1	733	721
	Conductivity (uS/cm)	2060	1080	466	1360	1360
	pH (pH)	6.54	7.36	8.08	7.72	7.75
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	14.6	45.4	124	366	327
	Chloride (Cl) (mg/L)				2.60	2.55
	Sulfate (SO4) (mg/L)	1130	442	102	455	443
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)				<0.010	<0.010
	Antimony (Sb)-Dissolved (mg/L)				<0.0010	<0.0010
	Arsenic (As)-Dissolved (mg/L)				0.0014	0.0015
	Barium (Ba)-Dissolved (mg/L)				0.036	0.036
	Beryllium (Be)-Dissolved (mg/L)				<0.0020	<0.0020
	Boron (B)-Dissolved (mg/L)				<0.10	<0.10
	Cadmium (Cd)-Dissolved (mg/L)				<0.000034	<0.000034
	Calcium (Ca)-Dissolved (mg/L)	339	114	18.5	198	194
	Chromium (Cr)-Dissolved (mg/L)				<0.0020	<0.0020
	Cobalt (Co)-Dissolved (mg/L)				<0.00060	<0.00060
	Copper (Cu)-Dissolved (mg/L)				<0.0020	<0.0020
	Iron (Fe)-Dissolved (mg/L)	2.20	0.706	<0.030	6.75	6.74
	Lead (Pb)-Dissolved (mg/L)				<0.0010	<0.0010
	Lithium (Li)-Dissolved (mg/L)				0.039	0.040
	Magnesium (Mg)-Dissolved (mg/L)	7.49	2.77	8.23	57.9	57.2
	Manganese (Mn)-Dissolved (mg/L)	0.385	0.277	0.0316	0.356	0.357
	Mercury (Hg)-Dissolved (mg/L)				<0.000020	<0.000020
	Molybdenum (Mo)-Dissolved (mg/L)				<0.0020	<0.0020
	Nickel (Ni)-Dissolved (mg/L)				<0.0020	<0.0020
	Potassium (K)-Dissolved (mg/L)	9.7	4.7	13.3	3.9	3.9
	Selenium (Se)-Dissolved (mg/L)				<0.0020	<0.0020
	Silver (Ag)-Dissolved (mg/L)				<0.000040	<0.000040
	Sodium (Na)-Dissolved (mg/L)	141	131	55.4	40.7	41.9
	Thallium (Tl)-Dissolved (mg/L)				<0.00040	<0.00040
	Tin (Sn)-Dissolved (mg/L)				<0.0010	<0.0010
	Titanium (Ti)-Dissolved (mg/L)				<0.010	<0.010
	Uranium (U)-Dissolved (mg/L)				0.00165	0.00170
	Vanadium (V)-Dissolved (mg/L)				<0.0020	<0.0020
	Zinc (Zn)-Dissolved (mg/L)	0.0079	0.0085	0.0095	<0.0050	<0.0050

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636546-11	L636546-12	L636546-13	L636546-14	L636546-15
	Description					
	Sampled Date	27-MAY-08	27-MAY-08	27-MAY-08	27-MAY-08	27-MAY-08
	Sampled Time					
	Client ID	P3-09-03	P3-09-04	P3-09-05	P3-09-06	P3-09-07
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	14.2	14.6	14.5	16.2	17.4
	Cation Sum (meq/L)	14.4	15.0	14.9	16.7	17.7
	Cation - Anion Balance (%)	1.0	1.2	1.2	1.3	0.7
	Hardness (as CaCO3) (mg/L)	651	674	670	748	795
	Conductivity (uS/cm)	1220	1250	1240	1370	1460
	pH (pH)	7.87	7.90	7.92	7.93	7.83
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	258	260	263	284	285
	Chloride (Cl) (mg/L)	1.10	1.16	1.13	1.47	1.38
	Sulfate (SO4) (mg/L)	431	451	442	506	562
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	<0.010	<0.025	<0.025	<0.025	<0.025
	Antimony (Sb)-Dissolved (mg/L)	<0.0010	<0.0025	<0.0025	<0.0025	<0.0025
	Arsenic (As)-Dissolved (mg/L)	<0.0010	<0.0025	<0.0025	<0.0025	<0.0025
	Barium (Ba)-Dissolved (mg/L)	0.046	0.042	0.042	0.059	0.048
	Beryllium (Be)-Dissolved (mg/L)	<0.0020	<0.0050	<0.0050	<0.0050	<0.0050
	Boron (B)-Dissolved (mg/L)	<0.10	<0.10	<0.10	<0.10	<0.10
	Cadmium (Cd)-Dissolved (mg/L)	0.000149	0.000582	0.000192	0.000428	0.000545
	Calcium (Ca)-Dissolved (mg/L)	194	203	202	224	240
	Chromium (Cr)-Dissolved (mg/L)	<0.0020	<0.0050	<0.0050	<0.0050	<0.0050
	Cobalt (Co)-Dissolved (mg/L)	0.00514	0.0031	0.0045	<0.0015	<0.0015
	Copper (Cu)-Dissolved (mg/L)	<0.0020	<0.0050	<0.0050	<0.0050	<0.0050
	Iron (Fe)-Dissolved (mg/L)	<0.030	<0.030	<0.030	<0.030	<0.030
	Lead (Pb)-Dissolved (mg/L)	<0.0010	<0.0025	<0.0025	<0.0025	<0.0025
	Lithium (Li)-Dissolved (mg/L)	0.011	<0.025	<0.025	<0.025	<0.025
	Magnesium (Mg)-Dissolved (mg/L)	40.6	40.3	40.3	45.7	47.5
	Manganese (Mn)-Dissolved (mg/L)	5.96	5.57	5.93	6.78	8.32
	Mercury (Hg)-Dissolved (mg/L)	<0.000020	<0.000020	<0.000020	<0.000020	<0.000020
	Molybdenum (Mo)-Dissolved (mg/L)	<0.0020	<0.0050	<0.0050	<0.0050	<0.0050
	Nickel (Ni)-Dissolved (mg/L)	0.0100	0.0094	0.0113	0.0100	0.0115
	Potassium (K)-Dissolved (mg/L)	4.5	4.4	4.4	4.4	4.7
	Selenium (Se)-Dissolved (mg/L)	<0.0020	<0.0050	<0.0050	<0.0050	<0.0050
	Silver (Ag)-Dissolved (mg/L)	<0.000040	<0.00010	<0.00010	<0.00010	<0.00010
	Sodium (Na)-Dissolved (mg/L)	25.4	27.4	26.1	31.1	31.2
	Thallium (Tl)-Dissolved (mg/L)	<0.00040	<0.0010	<0.0010	<0.0010	<0.0010
	Tin (Sn)-Dissolved (mg/L)	<0.0010	<0.0025	<0.0025	<0.0025	<0.0025
	Titanium (Ti)-Dissolved (mg/L)	<0.010	<0.010	<0.010	<0.010	<0.010
	Uranium (U)-Dissolved (mg/L)	0.00701	0.0066	0.0069	0.0059	0.0068
	Vanadium (V)-Dissolved (mg/L)	<0.0020	<0.0050	<0.0050	<0.0050	<0.0050
	Zinc (Zn)-Dissolved (mg/L)	<0.0050	<0.0050	<0.0050	0.0069	<0.0050

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636546-16	L636546-17			
	Description					
	Sampled Date	27-MAY-08	27-MAY-08			
	Sampled Time					
	Client ID	P3-09-08	P3-09-09			
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	17.1	16.8			
	Cation Sum (meq/L)	17.3	17.4			
	Cation - Anion Balance (%)	0.6	1.7			
	Hardness (as CaCO3) (mg/L)	779	788			
	Conductivity (uS/cm)	1440	1440			
	pH (pH)	7.88	7.78			
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	274	274			
	Chloride (Cl) (mg/L)	1.39	1.37			
	Sulfate (SO4) (mg/L)	554	544			
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	<0.025	<0.025			
	Antimony (Sb)-Dissolved (mg/L)	<0.0025	<0.0025			
	Arsenic (As)-Dissolved (mg/L)	<0.0025	<0.0025			
	Barium (Ba)-Dissolved (mg/L)	0.041	0.040			
	Beryllium (Be)-Dissolved (mg/L)	<0.0050	<0.0050			
	Boron (B)-Dissolved (mg/L)	<0.10	<0.10			
	Cadmium (Cd)-Dissolved (mg/L)	0.000105	0.000195			
	Calcium (Ca)-Dissolved (mg/L)	235	239			
	Chromium (Cr)-Dissolved (mg/L)	<0.0050	<0.0050			
	Cobalt (Co)-Dissolved (mg/L)	0.0027	0.0029			
	Copper (Cu)-Dissolved (mg/L)	<0.0050	<0.0050			
	Iron (Fe)-Dissolved (mg/L)	0.458	0.075			
	Lead (Pb)-Dissolved (mg/L)	<0.0025	<0.0025			
	Lithium (Li)-Dissolved (mg/L)	<0.025	<0.025			
	Magnesium (Mg)-Dissolved (mg/L)	46.5	46.7			
	Manganese (Mn)-Dissolved (mg/L)	7.94	7.81			
	Mercury (Hg)-Dissolved (mg/L)	<0.000020	<0.000020			
	Molybdenum (Mo)-Dissolved (mg/L)	<0.0050	<0.0050			
	Nickel (Ni)-Dissolved (mg/L)	0.0099	0.0116			
	Potassium (K)-Dissolved (mg/L)	4.6	4.5			
	Selenium (Se)-Dissolved (mg/L)	<0.0050	<0.0050			
	Silver (Ag)-Dissolved (mg/L)	<0.00010	<0.00010			
	Sodium (Na)-Dissolved (mg/L)	29.3	29.7			
	Thallium (Tl)-Dissolved (mg/L)	<0.0010	<0.0010			
	Tin (Sn)-Dissolved (mg/L)	<0.0025	<0.0025			
	Titanium (Ti)-Dissolved (mg/L)	<0.010	<0.010			
	Uranium (U)-Dissolved (mg/L)	0.0065	0.0065			
	Vanadium (V)-Dissolved (mg/L)	<0.0050	<0.0050			
	Zinc (Zn)-Dissolved (mg/L)	0.0059	<0.0050			

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
ALK-COL-VA	Water	Alkalinity by Colourimetric (Automated)	APHA 310.2

This analysis is carried out using procedures adapted from EPA Method 310.2 "Alkalinity". Total Alkalinity is determined using the methyl orange colourimetric method.

ALK-PCT-VA	Water	Alkalinity by Auto. Titration	APHA 2320 "Alkalinity"

This analysis is carried out using procedures adapted from APHA Method 2320 "Alkalinity". Total alkalinity is determined by potentiometric titration to a pH 4.5 endpoint. Bicarbonate, carbonate and hydroxide alkalinity are calculated from phenolphthalein alkalinity and total alkalinity values.

ANIONS-CL-IC-VA	Water	Chloride by Ion Chromatography	APHA 4110 "Determination of Anions by IC

This analysis is carried out using procedures adapted from APHA Method 4110 "Determination of Anions by Ion Chromatography" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Anions routinely determined by this method include: bromide, chloride, fluoride, nitrate, nitrite and sulphate.

ANIONS-SO4-IC-VA	Water	Sulfate by Ion Chromatography	APHA 4110 "Determination of Anions by IC

This analysis is carried out using procedures adapted from APHA Method 4110 "Determination of Anions by Ion Chromatography" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Anions routinely determined by this method include: bromide, chloride, fluoride, nitrate, nitrite and sulphate.

EC-PCT-VA	Water	Conductivity (Automated)	APHA 2510 Auto. Conduc.

This analysis is carried out using procedures adapted from APHA Method 2510 "Conductivity". Conductivity is determined using a conductivity electrode.

HARDNESS-CALC-VA	Water	Hardness	APHA 2340B

Hardness is calculated from Calcium and Magnesium concentrations, and is expressed as calcium carbonate equivalents.

HG-DIS-CCME-CVAFS-VA	Water	Diss. Mercury in Water by CVAFS (CCME)	EPA 3005A/245.7

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by filtration (EPA Method 3005A) and involves a cold-oxidation of the acidified sample using bromine monochloride prior to reduction of the sample with stannous chloride. Instrumental analysis is by cold vapour atomic fluorescence spectrophotometry (EPA Method 245.7).

IONBALANCE-VA	Water	Ion Balance Calculation	APHA 1030E

Cation Sum, Anion Sum, and Ion Balance (as % difference) are calculated based on guidance from APHA Standard Methods (1030E Checking Correctness of Analysis). Because all aqueous solutions are electrically neutral, the calculated ion balance (% difference of cations minus anions) should be near-zero.

Cation and Anion Sums are the total meq/L concentration of major cations and anions. Dissolved species are used where available. Minor ions are included where data is present. Ion Balance is calculated as:

Ion Balance (%) = [Cation Sum-Anion Sum] / [Cation Sum+Anion Sum]

MET-DIS-CCME-ICP-VA	Water	Diss. Metals in Water by ICPOES (CCME)	EPA SW-846 3005A/6010B

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - optical emission spectrophotometry (EPA Method 6010B).

MET-DIS-CCME-MS-VA	Water	Diss. Metals in Water by ICPMS (CCME)	EPA SW-846 3005A/6020A

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - mass spectrometry (EPA Method

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
6020A).			
PH-PCT-VA	Water	pH by Meter (Automated)	APHA 4500-H "pH Value"
This analysis is carried out using procedures adapted from APHA Method 4500-H "pH Value". The pH is determined in the laboratory using a pH electrode			
SO4-TUR-VA	Water	Sulphate(SO4) by Turbidity	APHA 4500-SO4 "Sulphate"
This analysis is carried out using procedures adapted from APHA Method 4500-SO4 "Sulphate". Sulphate is determined using the turbidimetric method.			

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.
The last two letters of the above ALS Test Code column 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
VA	ALS LABORATORY GROUP - VANCOUVER, BC, CANADA		

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 enviromental 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.
mg/kg (units) - unit of concentration based on mass, parts per million
mg/L (units) - unit of concentration based on volume, parts per million
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.
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.

Reduced / Full.

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES
Environmental Division

Chain of Custody / Analytical Request Form
Canada Toll Free: 1 800 668 9878
www.alsglobal.com

COC # GLLFaro2008-5

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Report to:	**Report Format / Distribution**	**Service Requested:**
Company: Gartner Lee Ltd	☑ Standard ☐ Other	☑ Regular Service (Default)
Contact: Kai Woloshyn	☑ PDF ☑ Excel ☐ Fax	☐ Rush Service (2-3 Days)
Address: 2251 2nd Ave, Whitehorse, YT	Email 1: kwoloshyn@gartnerlee.com	☐ Priority Service (1 Day or ASAP)
	Email 2: ebabiyn@gartnerlee.com	☐ Emergency Service (<1 Day / Wkend) - Contact ALS
Phone: 867-633-6474 Fax:		**Analysis Request**
Invoice To: ☑ Same as Report	Indicate Bottles: Filtered / Preserved (F/P) →→	F/P
Company:	**Client / Project Information:**	
Contact:	Job #: 70549 ~~60801~~ FARO Mine	
Address:	PO/AFE:	
Sample	Legal Site Description: Faro Mine	
Phone: 780-428-3465 Fax:	Quote #:	
Lab Work Order # (lab use only): L636546	**ALS Contact:** Natasha MM	**Sampler** (Initials):

Sample #	Sample Identification (This description will appear on the report)	Date dd-mmm-yy	Time hh:mm	Sample Type (Select from drop-down list)	pH, Conductivity	Total Alkalinity	Sulphate	Chloride	D-Metals - CCME (Full)	D-Metals (Reduced List *note)	ION BALANCE	Hardness	Hazardous?	Highly Contaminated?	Number of Containers
	P03-08-01	27-May-08		Water	X	X	X			X	X	X			2
	P03-08-02			Water	X	X	X			X	X	X			2
	P03-08-03			Water	X	X	X			X	X	X			2
	P03-08-04			Water	X	X	X			X	X	X			2
	P03-08-05			Water	X	X	X			X	X	X			2
	P03-08-06			Water	X	X	X			X	X	X		X	2
	P03-08-07			Water	X	X	X			X	X	X		X	2
	P03-08-08			Water	X	X	X			X	X	X		X	2
	P03-09-01			Water	X	X	X	X	X		X	X			2
	P03-09-02			Water	X	X	X	X	X		X	X			2

Guidelines / Regulations	**Special Instructions / Hazardous Details**
CCME Aquatic Life	Please make sure Zn dl is 0.005mg/L.| Ion Balance needs to be reproted.| *GAR250-MET-D-FARO-VA(1)(Reduced list)

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 adjacent worksheet.

Relinquished By:	Date & Time:	Received By:	Date & Time:
Jon Gunton	01-June-08		8/6/08
Kai Woloshyn	01-June-08		

Sample Condition (lab use only)	
Temperature	Samples Received in Good Condition? Y/N (if no provided details)
7	Y

Reduced / Full.

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES
Environmental Division

Chain of Custody / Analytical Request Form
Canada Toll Free: 1 800 668 9878
www.alsglobal.com

COC # GLL Faro 2008 - 6

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Report to:	**Report Format / Distribution**	**Service Requested:**
Company: Gartner Lee Ltd	☑ Standard ☐ Other	☑ Regular Service (Default)
Contact: Kai Wolosbyn.	☑ PDF ☑ Excel ☐ Fax	☐ Rush Service (2-3 Days)
Address: 2251 2nd Ave, Whitehorse, YT	Email 1: kwolosbyn @gartnerlee.com	☐ Priority Service (1 Day or ASAP)
	Email 2: ababy @gartnerlee.com	☐ Emergency Service (<1 Day / Wkend) - Contact ALS
Phone: 867-633-6474 Fax:		**Analysis Request**
Invoice To: ☑ Same as Report	Indicate Bottles: Filtered / Preserved (F/P) →	F/P
Company:	**Client / Project Information:**	
Contact:	Job #: 70549 ~~6980~~ FARO Mine	
Address:	PO/AFE:	
Sample	Legal Site Description: Faro Mine.	
Phone: 780-428-3465 Fax:	Quote #:	
Lab Work Order # (lab use only)	**ALS Contact:** Natasha MM	**Sampler** (Initials):

Sample #	Sample Identification (This description will appear on the report)	Date dd-mmm-yy	Time hh:mm	Sample Type (Select from drop-down list)	pH, Conductivity	Total Alkalinity	Sulphate	Chloride	D-Metals - CCME (Full)	D-Metals (Reduced List *note)	ION BALANCE	Hardness			Hazardous?	Highly Contaminated?	Number of Containers
	P03-09-03	27-May-08		Water	X	X	X	X	X	X	X	X					2
	P03-09-04			Water	X	X	X	X	X	X	X	X					2
	P03-09-05			Water	X	X	X	X	X	X	X	X					2
	P03-09-06			Water	X	X	X	X	X	X	X	X					2
	P03-09-07			Water	X	X	X	X	X	X	X	X					2
	P03-09-08			Water	X	X	X	X	X	X	X	X					2
	P03-09-09			Water	X	X	X	X	X	X	X	X					2
				Water													
				Water													
				Water													

Guidelines / Regulations	**Special Instructions / Hazardous Details**
CCME Aquatic Life	Please make sure Zn dl is 0.005mg/L.| Ion Balance needs to be reproted.| *GAR250-MET-D-FARO-VA(1)(Reduced list)

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 adjacent worksheet.

Relinquished By:	Date & Time:	Received By:	Date & Time:
Jen Hunter	01-June-08		8/6/08
Kai Wolosbyn.	01-June-08		

Sample Condition (lab use only)	
~~Temperature~~	Samples Received in Good Condition? Y / N (if no provided details)

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

ANALYTICAL REPORT

GARTNER LEE LTD.

ATTN: KAI WOLOSHYN

2251 2ND AVENUE

WHITEHORSE YT Y1A 5W1

Reported On: 24-JUN-08 11:35 AM

Lab Work Order #: **L636547** **Date Received:** **02-JUN-08**

Project P.O. #:
Job Reference: 70505 FARO MINE
Legal Site Desc: FARO MINE
CofC Numbers: GLL FARO 2008-1

Other Information:

Comments:

Joyce Chow
General Manager, Vancouver

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

NATASHA MARKOVIC-MIROVIC

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 Canada Ltd.
Part of the **ALS Laboratory Group**
1988 Triumph Street, Vancouver, BC V5L 1K5
Phone: +1 604 253 4188 Fax: +1 604 253 6700 www.alsglobal.com
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ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636547-1	L636547-2	L636547-3	L636547-4	L636547-5
	Description					
	Sampled Date	27-MAY-08	27-MAY-08	27-MAY-08	27-MAY-08	27-MAY-08
	Sampled Time					
	Client ID	BH1	BH2	BH4	BH12B	BH14A
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	4.4	8.6	4.5	20.2	46.0
	Cation Sum (meq/L)	4.6	8.3	5.0	21.9	52.0
	Cation - Anion Balance (%)	2.1	-1.9	5.8	4.1	6.1
	Hardness (as CaCO3) (mg/L)	215	363	220	1070	2570
	Conductivity (uS/cm)	424	802	457	1730	3720
	pH (pH)	6.63	6.56	6.20	7.60	7.71
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	143	59.0	44.0	211	395
	Chloride (Cl) (mg/L)	<0.50	<0.50	<0.50	2.15	14.1
	Sulfate (SO4) (mg/L)	73.6	357	172	765	1810
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	0.0714	0.626	2.08	<0.025	<0.050
	Antimony (Sb)-Dissolved (mg/L)	<0.00050	<0.0025	<0.00050	<0.0025	<0.0050
	Arsenic (As)-Dissolved (mg/L)	<0.00050	<0.0025	<0.00050	<0.0025	<0.0050
	Barium (Ba)-Dissolved (mg/L)	0.064	0.064	<0.020	0.059	<0.020
	Beryllium (Be)-Dissolved (mg/L)	<0.0010	<0.0050	<0.0010	<0.0050	<0.010
	Boron (B)-Dissolved (mg/L)	<0.10	<0.10	<0.10	<0.10	<0.10
	Cadmium (Cd)-Dissolved (mg/L)	0.00468	0.0448	0.00903	0.000489	0.00018
	Calcium (Ca)-Dissolved (mg/L)	62.4	101	61.9	220	634
	Chromium (Cr)-Dissolved (mg/L)	<0.0010	<0.0050	<0.0010	<0.0050	<0.010
	Cobalt (Co)-Dissolved (mg/L)	0.00204	0.0059	0.0390	<0.0015	<0.0030
	Copper (Cu)-Dissolved (mg/L)	0.0055	<0.0050	0.0675	<0.0050	<0.010
	Iron (Fe)-Dissolved (mg/L)	<0.030	0.079	0.030	<0.030	<0.030
	Lead (Pb)-Dissolved (mg/L)	0.00278	<0.0025	0.00506	<0.0025	<0.0050
	Lithium (Li)-Dissolved (mg/L)	0.0136	<0.025	0.0319	<0.025	0.052
	Magnesium (Mg)-Dissolved (mg/L)	14.4	26.7	16.0	127	239
	Manganese (Mn)-Dissolved (mg/L)	0.129	0.755	0.534	<0.0015	<0.0030
	Mercury (Hg)-Dissolved (mg/L)	<0.000020	<0.000020	<0.000020	<0.000020	<0.000020
	Molybdenum (Mo)-Dissolved (mg/L)	<0.0010	<0.0050	<0.0010	<0.0050	<0.010
	Nickel (Ni)-Dissolved (mg/L)	0.0095	0.107	0.0462	0.0163	<0.010
	Potassium (K)-Dissolved (mg/L)	<2.0	2.6	<2.0	4.0	3.5
	Selenium (Se)-Dissolved (mg/L)	<0.0010	<0.0050	<0.0010	<0.0050	<0.010
	Silver (Ag)-Dissolved (mg/L)	<0.000020	<0.00010	<0.000020	<0.00010	<0.00020
	Sodium (Na)-Dissolved (mg/L)	4.6	4.9	4.9	8.1	15.9
	Thallium (Tl)-Dissolved (mg/L)	<0.00020	<0.0010	<0.00020	<0.0010	<0.0020
	Tin (Sn)-Dissolved (mg/L)	<0.00050	<0.0025	<0.00050	<0.0025	<0.0050
	Titanium (Ti)-Dissolved (mg/L)	<0.010	<0.010	<0.010	<0.010	<0.010
	Uranium (U)-Dissolved (mg/L)	0.00129	<0.0010	<0.00020	0.0081	0.133
	Vanadium (V)-Dissolved (mg/L)	<0.0010	<0.0050	<0.0010	<0.0050	<0.010
	Zinc (Zn)-Dissolved (mg/L)	2.01	21.6	4.67	0.398	0.342

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636547-6	L636547-7	L636547-8	L636547-9	L636547-10
	Description					
	Sampled Date	27-MAY-08	29-MAY-08	29-MAY-08	28-MAY-08	28-MAY-08
	Sampled Time					
	Client ID	BH14B	P96-8A	P96-8B	P96-7	S1A
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	44.3	107	108	40.2	117
	Cation Sum (meq/L)	48.4	104	111	41.7	114
	Cation - Anion Balance (%)	4.4	-1.2	1.0	1.7	-1.4
	Hardness (as CaCO3) (mg/L)	2390	4680	4730	2040	5090
	Conductivity (uS/cm)	3550	6120	6370	2880	6560
	pH (pH)	7.82	6.58	6.70	7.87	6.91
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	377	251	152	269	225
	Chloride (Cl) (mg/L)	<25	29	<25	<5.0	<25
	Sulfate (SO4) (mg/L)	1770	4840	5060	1680	5420
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	<0.050	<0.25	<0.50	<0.050	<0.50
	Antimony (Sb)-Dissolved (mg/L)	<0.0050	<0.025	<0.050	<0.0050	<0.050
	Arsenic (As)-Dissolved (mg/L)	<0.0050	<0.025	<0.050	<0.0050	<0.050
	Barium (Ba)-Dissolved (mg/L)	<0.020	<0.040	<0.040	<0.020	<0.040
	Beryllium (Be)-Dissolved (mg/L)	<0.010	<0.050	<0.10	<0.010	<0.10
	Boron (B)-Dissolved (mg/L)	<0.10	<0.20	<0.20	<0.10	<0.20
	Cadmium (Cd)-Dissolved (mg/L)	<0.00017	0.0302	0.0669	<0.00017	0.0234
	Calcium (Ca)-Dissolved (mg/L)	583	461	517	564	531
	Chromium (Cr)-Dissolved (mg/L)	<0.010	<0.050	<0.10	<0.010	<0.10
	Cobalt (Co)-Dissolved (mg/L)	<0.0030	0.488	0.586	<0.0030	0.034
	Copper (Cu)-Dissolved (mg/L)	<0.010	<0.050	<0.10	<0.010	<0.10
	Iron (Fe)-Dissolved (mg/L)	<0.030	<0.060	<0.060	<0.030	<0.060
	Lead (Pb)-Dissolved (mg/L)	<0.0050	<0.025	<0.050	<0.0050	<0.050
	Lithium (Li)-Dissolved (mg/L)	0.050	<0.25	<0.50	<0.050	<0.50
	Magnesium (Mg)-Dissolved (mg/L)	226	856	835	154	914
	Manganese (Mn)-Dissolved (mg/L)	<0.0030	78.4	85.4	<0.0030	97.2
	Mercury (Hg)-Dissolved (mg/L)	<0.000020	<0.000020	<0.000020	<0.000020	<0.000020
	Molybdenum (Mo)-Dissolved (mg/L)	<0.010	<0.050	<0.10	<0.010	<0.10
	Nickel (Ni)-Dissolved (mg/L)	<0.010	0.681	1.22	<0.010	1.95
	Potassium (K)-Dissolved (mg/L)	3.8	14.4	14.3	5.6	12.2
	Selenium (Se)-Dissolved (mg/L)	<0.010	<0.050	<0.10	<0.010	<0.10
	Silver (Ag)-Dissolved (mg/L)	<0.00020	<0.0010	<0.0020	<0.00020	<0.0020
	Sodium (Na)-Dissolved (mg/L)	13.7	52.9	44.3	16.2	35.5
	Thallium (Tl)-Dissolved (mg/L)	<0.0020	<0.010	<0.020	<0.0020	<0.020
	Tin (Sn)-Dissolved (mg/L)	<0.0050	<0.025	<0.050	<0.0050	<0.050
	Titanium (Ti)-Dissolved (mg/L)	<0.010	<0.020	<0.020	<0.010	<0.020
	Uranium (U)-Dissolved (mg/L)	0.151	0.012	<0.020	0.0236	<0.020
	Vanadium (V)-Dissolved (mg/L)	<0.010	<0.050	<0.10	<0.010	<0.10
	Zinc (Zn)-Dissolved (mg/L)	0.270	168	351	<0.0050	238

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636547-11	L636547-12	L636547-13	L636547-14	L636547-15
	Description					
	Sampled Date	28-MAY-08	28-MAY-08	28-MAY-08	28-MAY-08	30-MAY-08
	Sampled Time					
	Client ID	S1B	S2A	S2B	S3	TH86-17
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	18.5	91.1	101	114	1.7
	Cation Sum (meq/L)	19.1	85.4	111	113	1.7
	Cation - Anion Balance (%)	1.6	-3.2	4.8	-0.3	0.9
	Hardness (as CaCO3) (mg/L)	876	3790	4820	4820	78.5
	Conductivity (uS/cm)	1540	5280	5500	6440	161
	pH (pH)	7.94	6.93	6.58	6.69	7.76
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	208	227	147	205	70.2
	Chloride (Cl) (mg/L)	<0.50	<25	<50	<50	<0.50
	Sulfate (SO4) (mg/L)	689	4160	4710	5270	12.0
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	<0.025	<0.25	<0.25	<0.50	<0.025
	Antimony (Sb)-Dissolved (mg/L)	<0.0025	<0.025	<0.025	<0.050	<0.0025
	Arsenic (As)-Dissolved (mg/L)	<0.0025	<0.025	<0.025	<0.050	<0.0025
	Barium (Ba)-Dissolved (mg/L)	0.025	<0.040	0.046	<0.040	0.040
	Beryllium (Be)-Dissolved (mg/L)	<0.0050	<0.050	<0.050	<0.10	<0.0050
	Boron (B)-Dissolved (mg/L)	<0.10	<0.20	<0.20	<0.20	<0.10
	Cadmium (Cd)-Dissolved (mg/L)	0.000424	0.0214	0.00909	0.0140	<0.000085
	Calcium (Ca)-Dissolved (mg/L)	239	437	857	425	22.9
	Chromium (Cr)-Dissolved (mg/L)	<0.0050	<0.050	<0.050	<0.10	<0.0050
	Cobalt (Co)-Dissolved (mg/L)	<0.0015	0.026	0.053	0.034	<0.0015
	Copper (Cu)-Dissolved (mg/L)	<0.0050	<0.050	<0.050	<0.10	<0.0050
	Iron (Fe)-Dissolved (mg/L)	0.062	0.502	191	0.773	0.412
	Lead (Pb)-Dissolved (mg/L)	<0.0025	<0.025	<0.025	<0.050	<0.0025
	Lithium (Li)-Dissolved (mg/L)	<0.025	<0.25	<0.25	<0.50	<0.025
	Magnesium (Mg)-Dissolved (mg/L)	68.0	654	651	913	5.17
	Manganese (Mn)-Dissolved (mg/L)	0.561	75.3	71.0	130	0.0248
	Mercury (Hg)-Dissolved (mg/L)	<0.000020	<0.000020	0.000029	<0.000020	<0.000020
	Molybdenum (Mo)-Dissolved (mg/L)	<0.0050	<0.050	<0.050	<0.10	<0.0050
	Nickel (Ni)-Dissolved (mg/L)	0.0083	1.46	0.889	2.42	0.0086
	Potassium (K)-Dissolved (mg/L)	3.2	11.4	7.9	12.1	<2.0
	Selenium (Se)-Dissolved (mg/L)	<0.0050	<0.050	<0.050	<0.10	<0.0050
	Silver (Ag)-Dissolved (mg/L)	<0.00010	<0.0010	<0.0010	<0.0020	<0.00010
	Sodium (Na)-Dissolved (mg/L)	33.8	26.1	32.4	22.5	2.2
	Thallium (Tl)-Dissolved (mg/L)	<0.0010	<0.010	<0.010	<0.020	<0.0010
	Tin (Sn)-Dissolved (mg/L)	<0.0025	<0.025	<0.025	<0.050	<0.0025
	Titanium (Ti)-Dissolved (mg/L)	<0.010	<0.020	<0.020	<0.020	<0.010
	Uranium (U)-Dissolved (mg/L)	0.0020	<0.010	<0.010	<0.020	<0.0010
	Vanadium (V)-Dissolved (mg/L)	<0.0050	<0.050	<0.050	<0.10	<0.0050
	Zinc (Zn)-Dissolved (mg/L)	0.113	184	127	353	0.0144

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636547-1	L636547-2	L636547-3	L636547-4	L636547-5
	Description					
	Sampled Date	27-MAY-08	27-MAY-08	27-MAY-08	27-MAY-08	27-MAY-08
	Sampled Time					
	Client ID	BH1	BH2	BH4	BH12B	BH14A
Grouping	**Analyte**					
WATER						
Polycyclic Aromatic Hydrocarbons	Acenaphthene (mg/L)					
	Acenaphthylene (mg/L)					
	Acridine (mg/L)					
	Anthracene (mg/L)					
	Benz(a)anthracene (mg/L)					
	Benzo(a)pyrene (mg/L)					
	Benzo(b)fluoranthene (mg/L)					
	Benzo(k)fluoranthene (mg/L)					
	Benzo(g,h,i)perylene (mg/L)					
	Chrysene (mg/L)					
	Dibenz(a,h)anthracene (mg/L)					
	Fluoranthene (mg/L)					
	Fluorene (mg/L)					
	Indeno(1,2,3-c,d)pyrene (mg/L)					
	Naphthalene (mg/L)					
	Phenanthrene (mg/L)					
	Pyrene (mg/L)					
	Quinoline (mg/L)					
	Surrogate: d12-Chrysene (SS) (%)					
	Surrogate: d9-Acridine (SS) (%)					
	Surrogate: d10-Acenaphthene (SS) (%)					
	Surrogate: d8-Naphthalene (SS) (%)					
	Surrogate: d10-Phenanthrene (SS) (%)					
Extractable Hydrocarbons	EPH10-19 (mg/L)					
	EPH19-32 (mg/L)					
	LEPH (mg/L)					
	HEPH (mg/L)					

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636547-6	L636547-7	L636547-8	L636547-9	L636547-10
	Description					
	Sampled Date	27-MAY-08	29-MAY-08	29-MAY-08	28-MAY-08	28-MAY-08
	Sampled Time					
	Client ID	BH14B	P96-8A	P96-8B	P96-7	S1A
Grouping	**Analyte**					
WATER						
Polycyclic Aromatic Hydrocarbons	Acenaphthene (mg/L)		<0.00040			
	Acenaphthylene (mg/L)		<0.000050			
	Acridine (mg/L)		<0.000050			
	Anthracene (mg/L)		<0.000050			
	Benz(a)anthracene (mg/L)		<0.000050			
	Benzo(a)pyrene (mg/L)		<0.000010			
	Benzo(b)fluoranthene (mg/L)		<0.000050			
	Benzo(k)fluoranthene (mg/L)		<0.000050			
	Benzo(g,h,i)perylene (mg/L)		<0.000050			
	Chrysene (mg/L)		<0.000050			
	Dibenz(a,h)anthracene (mg/L)		<0.000050			
	Fluoranthene (mg/L)		<0.000050			
	Fluorene (mg/L)		0.000512			
	Indeno(1,2,3-c,d)pyrene (mg/L)		<0.000050			
	Naphthalene (mg/L)		<0.00070			
	Phenanthrene (mg/L)		0.000208			
	Pyrene (mg/L)		<0.000050			
	Quinoline (mg/L)		<0.000050			
	Surrogate: d12-Chrysene (SS) (%)		85			
	Surrogate: d9-Acridine (SS) (%)		80			
	Surrogate: d10-Acenaphthene (SS) (%)		89			
	Surrogate: d8-Naphthalene (SS) (%)		86			
	Surrogate: d10-Phenanthrene (SS) (%)		82			
Extractable Hydrocarbons	EPH10-19 (mg/L)		0.55			
	EPH19-32 (mg/L)		<0.25			
	LEPH (mg/L)		0.55			
	HEPH (mg/L)		<0.25			

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636547-11	L636547-12	L636547-13	L636547-14	L636547-15
	Description					
	Sampled Date	28-MAY-08	28-MAY-08	28-MAY-08	28-MAY-08	30-MAY-08
	Sampled Time					
	Client ID	S1B	S2A	S2B	S3	TH86-17
Grouping	**Analyte**					
WATER						
Polycyclic Aromatic Hydrocarbons	Acenaphthene (mg/L)					
	Acenaphthylene (mg/L)					
	Acridine (mg/L)					
	Anthracene (mg/L)					
	Benz(a)anthracene (mg/L)					
	Benzo(a)pyrene (mg/L)					
	Benzo(b)fluoranthene (mg/L)					
	Benzo(k)fluoranthene (mg/L)					
	Benzo(g,h,i)perylene (mg/L)					
	Chrysene (mg/L)					
	Dibenz(a,h)anthracene (mg/L)					
	Fluoranthene (mg/L)					
	Fluorene (mg/L)					
	Indeno(1,2,3-c,d)pyrene (mg/L)					
	Naphthalene (mg/L)					
	Phenanthrene (mg/L)					
	Pyrene (mg/L)					
	Quinoline (mg/L)					
	Surrogate: d12-Chrysene (SS) (%)					
	Surrogate: d9-Acridine (SS) (%)					
	Surrogate: d10-Acenaphthene (SS) (%)					
	Surrogate: d8-Naphthalene (SS) (%)					
	Surrogate: d10-Phenanthrene (SS) (%)					
Extractable Hydrocarbons	EPH10-19 (mg/L)					
	EPH19-32 (mg/L)					
	LEPH (mg/L)					
	HEPH (mg/L)					

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
ALK-COL-VA	Water	Alkalinity by Colourimetric (Automated)	APHA 310.2

This analysis is carried out using procedures adapted from EPA Method 310.2 "Alkalinity". Total Alkalinity is determined using the methyl orange colourimetric method.

ALK-PCT-VA	Water	Alkalinity by Auto. Titration	APHA 2320 "Alkalinity"

This analysis is carried out using procedures adapted from APHA Method 2320 "Alkalinity". Total alkalinity is determined by potentiometric titration to a pH 4.5 endpoint. Bicarbonate, carbonate and hydroxide alkalinity are calculated from phenolphthalein alkalinity and total alkalinity values.

ANIONS-CL-IC-VA	Water	Chloride by Ion Chromatography	APHA 4110 "Determination of Anions by IC

This analysis is carried out using procedures adapted from APHA Method 4110 "Determination of Anions by Ion Chromatography" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Anions routinely determined by this method include: bromide, chloride, fluoride, nitrate, nitrite and sulphate.

ANIONS-SO4-IC-VA	Water	Sulfate by Ion Chromatography	APHA 4110 "Determination of Anions by IC

This analysis is carried out using procedures adapted from APHA Method 4110 "Determination of Anions by Ion Chromatography" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Anions routinely determined by this method include: bromide, chloride, fluoride, nitrate, nitrite and sulphate.

EC-PCT-VA	Water	Conductivity (Automated)	APHA 2510 Auto. Conduc.

This analysis is carried out using procedures adapted from APHA Method 2510 "Conductivity". Conductivity is determined using a conductivity electrode.

EPH-SF-FID-VA	Water	EPH in Water by GCFID	BCMOE EPH GCFID

This analysis is carried out in accordance with the British Columbia Ministry of Environment, Lands and Parks (BCMELP) Analytical Method for Contaminated Sites "Extractable Petroleum Hydrocarbons in Water by GC/FID" (Version 2.1, July 1999). The procedure involves extraction of the entire water sample with dichloromethane. The extract is then solvent exchanged to toluene and analysed by capillary column gas chromatography with flame ionization detection (GC/FID). EPH results include Polycyclic Aromatic Hydrocarbons (PAH) and are therefore not equivalent to Light and Heavy Extractable Petroleum Hydrocarbons (LEPH/HEPH).

HARDNESS-CALC-VA	Water	Hardness	APHA 2340B

Hardness is calculated from Calcium and Magnesium concentrations, and is expressed as calcium carbonate equivalents.

HG-DIS-CCME-CVAFS-VA	Water	Diss. Mercury in Water by CVAFS (CCME)	EPA 3005A/245.7

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by filtration (EPA Method 3005A) and involves a cold-oxidation of the acidified sample using bromine monochloride prior to reduction of the sample with stannous chloride. Instrumental analysis is by cold vapour atomic fluorescence spectrophotometry (EPA Method 245.7).

IONBALANCE-VA	Water	Ion Balance Calculation	APHA 1030E

Cation Sum, Anion Sum, and Ion Balance (as % difference) are calculated based on guidance from APHA Standard Methods (1030E Checking Correctness of Analysis). Because all aqueous solutions are electrically neutral, the calculated ion balance (% difference of cations minus anions) should be near-zero.

Cation and Anion Sums are the total meq/L concentration of major cations and anions. Dissolved species are used where available. Minor ions are included where data is present. Ion Balance is calculated as:

Ion Balance (%) = [Cation Sum-Anion Sum] / [Cation Sum+Anion Sum]

LEPH/HEPH-CALC-VA	Water	LEPHs and HEPHs	BC MOE LABORATORY MANUAL (2005)

Light and Heavy Extractable Petroleum Hydrocarbons in Solids. These results are determined according to the British Columbia Ministry of Environment, Lands, and Parks Analytical Method for Contaminated Sites "Calculation of Light and Heavy Extractable Petroleum Hydrocarbons in Solids or Water". According to this method, LEPH and HEPH are calculated
by subtracting selected Polycyclic Aromatic Hydrocarbon results from Extractable Petroleum Hydrocarbon results. To calculate LEPH, the individual

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)

results for Naphthalene and Phenanthrene are subtracted from EPH(C10-19). To calculate HEPH, the individual results for Benz(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Dibenz(a,h)anthracene, Indeno(1,2,3-c,d)pyrene, and Pyrene are subtracted from EPH(C19-32). Analysis of Extractable Petroleum Hydrocarbons adheres to all prescribed elements of the BCMELP method "Extractable Petroleum Hydrocarbons in Solids by GC/FID" (Version 2.1, July 20, 1999).

MET-DIS-CCME-ICP-VA Water Diss. Metals in Water by ICPOES (CCME) EPA SW-846 3005A/6010B

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - optical emission spectrophotometry (EPA Method 6010B).

MET-DIS-CCME-MS-VA Water Diss. Metals in Water by ICPMS (CCME) EPA SW-846 3005A/6020A

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - mass spectrometry (EPA Method 6020A).

PAH-SF-MS-VA Water PAH in Water by GCMS EPA Methods 3510, 3630 & 8270

This analysis is carried out using procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846, Methods 3510, 3630 & 8270, published by the United States Environmental Protection Agency (EPA). The procedure involves extraction of the entire water sample with dichloromethane. The extract is then solvent exchanged to toluene prior to analysis by capillary column gas chromatography with mass spectrometric detection (GC/MS). Surrogate recoveries may not be reported in cases where interferences from the sample matrix prevent accurate quantitation.

PH-PCT-VA Water pH by Meter (Automated) APHA 4500-H "pH Value"

This analysis is carried out using procedures adapted from APHA Method 4500-H "pH Value". The pH is determined in the laboratory using a pH electrode

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.
The last two letters of the above ALS Test Code column 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
VA	ALS LABORATORY GROUP - VANCOUVER, BC, CANADA		

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 enviromental 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.
mg/kg (units) - unit of concentration based on mass, parts per million
mg/L (units) - unit of concentration based on volume, parts per million
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.
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.

Full.

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES
Environmental Division

Chain of Custody / Analytical Request Form
Canada Toll Free: 1 800 668 9878
www.alsglobal.com

COC # GL Faro 2008-1

Page 1 of 2

Report to:	**Report Format / Distribution**	**Service Requested:**
Company: Gartner Lee Ltd	☑ Standard ☐ Other	☑ Regular Service (Default)
Contact: Kai Wolashyn	☑ PDF ☑ Excel ☐ Fax	☐ Rush Service (2-3 Days)
Address: 2251 2nd Ave, Whitehorse, YT	Email 1: Kwolashyn@gartnerlee.com	☐ Priority Service (1 Day or ASAP)
	Email 2: ebabyn@gartnerlee.com	☐ Emergency Service (<1 Day / Wkend) - Contact ALS
Phone: 867-633-6474 Fax:		**Analysis Request**
Invoice To: ☑ Same as Report	Indicate Bottles: Filtered / Preserved (F/P) →	F/P
Company:	**Client / Project Information:**	
Contact:	Job #: ~~70519~~ ~~6008~~ FARO Mine 70505	
Address:	PO/AFE:	
Sample	Legal Site Description: Faro Mine	
Phone: 780-428-3465 Fax:	Quote #:	
Lab Work Order # (lab use only): L636547	**ALS Contact:** Natasha MM	**Sampler** (Initials):

Sample #	Sample Identification (This description will appear on the report)	Date dd-mmm-yy	Time hh:mm	Sample Type (Select from drop-down list)	pH, Conductivity	Total Alkalinity	Sulphate	Chloride	D-Metals - CCME (Full)	D-Metals (Reduced List *note)	ION BALANCE	Hardness	PAH/EPH	Hazardous?	Highly Contaminated?	Number of Containers
	BH1	27-May-08		Water	X	X	X	X	X		X	X	X			2
	BH2			Water	X	X	X	X	X		X	X	X			2
	BH4			Water	X	X	X	X	X		X	X	X			2
	BH12B			Water	X	X	X	X	X		X	X	X			2
	BH14A			Water	X	X	X	X	X		X	X	X			2
	BH14B	↓		Water	X	X	X	X	X		X	X	X			2
	P96-8A	29-May-08		Water	X	X	X	X	X		X	X	X			4
	P96-8B	29-May-08		Water	X	X	X	X	X		X	X				2
	P96-7	28-May-08		Water	X	X	X	X	X		X	X				2
	S1A	28-May-08		Water												

Guidelines / Regulations	**Special Instructions / Hazardous Details**
CCME Aquatic Life	Please make sure Zn dl is 0.005mg/L.| Ion Balance needs to be reproted.| *GAR250-MET-D-FARO-VA(1)(Reduced list)

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 adjacent worksheet.

Relinquished By:	Date & Time:	Received By:	Date & Time:	Sample Condition (lab use only)
Ben Hunter	01-June-08		8/6 1:30	Temperature: / Samples Received in Good Condition? Y/N (if no provided details)
Kai Wolashyn	01-June-08			

Full.

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES
Environmental Division

Chain of Custody / Analytical Request Form
Canada Toll Free: 1 800 668 9878
www.alsglobal.com

COC # GLL Faro 2008-2
Page 2 of 2

Report to:	Report Format / Distribution	Service Requested:
Company: Gartner Lee Ltd	☑ Standard ☐ Other	☑ Regular Service (Default)
Contact: Kai Woloshyn	☑ PDF ☑ Excel ☐ Fax	☐ Rush Service (2-3 Days)
Address: 2251 2nd Ave, Whitehorse, YT	Email 1: kwoloshyn@gartnerlee.com	☐ Priority Service (1 Day or ASAP)
	Email 2: ebaltzer@gartnerlee.com	☐ Emergency Service (<1 Day / Wkend) - Contact ALS
Phone: 867-633-6474 Fax:		Analysis Request
Invoice To: ☑ Same as Report	Indicate Bottles: Filtered / Preserved (F/P) →	F/P
Company:	**Client / Project Information:**	
Contact:	Job #: 70505 ~~60601~~ FARO Mine	
Address:	PO/AFE:	
Sample	Legal Site Description: FARO Mine	
Phone: 780-428-3465 Fax:	Quote #:	
Lab Work Order # (lab use only)	**ALS Contact:** Natasha MM	**Sampler** (Initials):

Sample #	Sample Identification (This description will appear on the report)	Date dd-mmm-yy	Time hh:mm	Sample Type (Select from drop-down list)	pH, Conductivity	Total Alkalinity	Sulphate	Chloride	D-Metals - CCME (Full)	D-Metals (Reduced List *note)	ION BALANCE	Hardness			Hazardous?	Highly Contaminated?	Number of Containers
	S1B	28-May-08		Water	X	X	X	X	X		X	X					3
	S2A	↓		Water	X	X	X	X	X		X	X					3
	S2B			Water	X	X	X	X	X		X	X					3
	S3			Water	X	X	X	X	X		X	X					3
	TH86-17	30-May-08		Water	X	X	X	X	X		X	X					3
				Water													
				Water													
				Water													
				Water													
				Water													

Guidelines / Regulations	Special Instructions / Hazardous Details
CCME Aquatic Life	Please make sure Zn dl is 0.005mg/L. | Ion Balance needs to be reproted. | *GAR250-MET-D-FARO-VA(1)(Reduced list)

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 adjacent worksheet.

Relinquished By:	Date & Time:	Received By:	Date & Time:
Jon Baltzer	01-June-08		
Kai Woloshyn	01-June-08		8/6/08 1:30

Sample Condition (lab use only)	
Temperature	Samples Received in Good Condition? Y / N (if no provided details)

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

ANALYTICAL REPORT

GARTNER LEE LTD.

ATTN: KAI WOLOSHYN

2251 2ND AVENUE

WHITEHORSE YT Y1A 5W1

Reported On: 07-JUL-08 11:02 AM

Lab Work Order #: **L636548** **Date Received:** **02-JUN-08**

Project P.O. #:
Job Reference: 70549 FARO MINE
Legal Site Desc: FARO MINE
CofC Numbers: GLL FARO 2008-3

Other Information:

Comments: Please note that some of the Metals detection limits have been increased for some of the samples due to the interferences encountered during the analysis.

NATASHA MARKOVIC-MIROVIC
Account Manager

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 ID	L636548-1	L636548-2	L636548-3	L636548-4	L636548-5
	Description					
	Sampled Date	29-MAY-08	29-MAY-08	29-MAY-08	29-MAY-08	29-MAY-08
	Sampled Time					
	Client ID	P03-01-01	P03-01-02	P03-01-03	P03-01-04	P03-01-05
Grouping	**Analyte**					
WATER						
Physical Tests	Conductivity (uS/cm)	442	375	574	388	612
	Hardness (as CaCO3) (mg/L)	239	205	318	165	320
	pH (pH)	8.01	8.02	7.56	6.71	6.79
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	220	156	97.8	28.1	34.3
	Anion Sum (meq/L)	5.0	3.9	5.9	3.7	5.8
	Cation - Anion Balance (%)	3.9	5.6	4.7	2.2	8.4
	Cation Sum (meq/L)	5.4	4.3	6.5	3.8	6.8
	Sulfate (SO4) (mg/L)	27.1	36.9	191	149	244
Dissolved Metals	Calcium (Ca)-Dissolved (mg/L)	72.4	65.1	100	52.5	103
	Iron (Fe)-Dissolved (mg/L)	4.29	0.210	<0.030	<0.030	0.116
	Magnesium (Mg)-Dissolved (mg/L)	14.2	10.3	16.2	8.35	15.2
	Manganese (Mn)-Dissolved (mg/L)	0.152	0.664	0.00253	8.66	3.40
	Potassium (K)-Dissolved (mg/L)	2.6	2.7	<2.0	<2.0	2.6
	Sodium (Na)-Dissolved (mg/L)	8.5	3.4	3.6	3.0	5.2
	Zinc (Zn)-Dissolved (mg/L)	0.0063	0.0070	0.0077	2.75	0.0728

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636548-6	L636548-7	L636548-8	L636548-9	L636548-10
	Description					
	Sampled Date	29-MAY-08	29-MAY-08	29-MAY-08	29-MAY-08	29-MAY-08
	Sampled Time					
	Client ID	P03-01-06	P03-01-07	P03-01-08	P03-01-09	P03-01-X
Grouping	**Analyte**					
WATER						
Physical Tests	Conductivity (uS/cm)	804	906	16200	35900	370
	Hardness (as CaCO3) (mg/L)	198	159	2410	4570	188
	pH (pH)	6.06	6.10	3.58	3.06	7.58
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	29.3	42.1	14.8	<2.0	154
	Anion Sum (meq/L)	7.4	8.6	357	1200	3.9
	Cation - Anion Balance (%)	13.3	15.7	3.4	-0.3	1.6
	Cation Sum (meq/L)	9.7	11.8	382	1190	4.0
	Sulfate (SO4) (mg/L)	328	373	17100	57700	37.9
Dissolved Metals	Calcium (Ca)-Dissolved (mg/L)	43.1	33.4	258	446	59.4
	Iron (Fe)-Dissolved (mg/L)	114	161	7590	26900	0.191
	Magnesium (Mg)-Dissolved (mg/L)	22.0	18.5	428	839	9.63
	Manganese (Mn)-Dissolved (mg/L)	3.29	3.19	55.5	217	0.652
	Potassium (K)-Dissolved (mg/L)	4.0	7.9	80	72	2.5
	Sodium (Na)-Dissolved (mg/L)	30.2	49.6	728	332	3.2
	Zinc (Zn)-Dissolved (mg/L)	4.28	12.6	852	3800	<0.0050

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636548-11	L636548-12	L636548-13	L636548-14	L636548-15
	Description					
	Sampled Date	29-MAY-08	29-MAY-08	29-MAY-08	29-MAY-08	29-MAY-08
	Sampled Time					
	Client ID	P03-03-01	P03-03-02	P03-03-03	P03-03-04	P03-03-05
Grouping	**Analyte**					
WATER						
Physical Tests	Conductivity (uS/cm)	495	2420	786	1130	1120
	Hardness (as CaCO3) (mg/L)	263	426	339	480	476
	pH (pH)	8.00	4.55	6.04	6.39	6.47
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	296	8.4	22.6	80.0	80.4
	Anion Sum (meq/L)	6.0	34.3	7.3	11.6	11.8
	Cation - Anion Balance (%)	-0.8	-1.2	11.5	8.5	7.3
	Cation Sum (meq/L)	5.9	33.5	9.1	13.8	13.7
	Sulfate (SO4) (mg/L)	3.35	1640	327	482	491
Dissolved Metals	Calcium (Ca)-Dissolved (mg/L)	78.9	106	105	143	141
	Iron (Fe)-Dissolved (mg/L)	3.24	566	29.0	35.9	33.8
	Magnesium (Mg)-Dissolved (mg/L)	16.1	39.2	18.8	29.7	29.9
	Manganese (Mn)-Dissolved (mg/L)	0.124	15.1	17.1	41.0	41.7
	Potassium (K)-Dissolved (mg/L)	2.6	5.0	2.8	3.7	3.8
	Sodium (Na)-Dissolved (mg/L)	9.9	12.4	10.8	30.3	31.2
	Zinc (Zn)-Dissolved (mg/L)	<0.0050	115	5.45	0.623	0.546

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636548-16	L636548-17	L636548-18	L636548-19	L636548-20
	Description					
	Sampled Date	29-MAY-08	29-MAY-08	29-MAY-08	29-MAY-08	29-MAY-08
	Sampled Time					
	Client ID	P03-03-06	P03-03-08	P03-03-09	P03-03-10	P03-03-X
Grouping	**Analyte**					
WATER						
Physical Tests	Conductivity (uS/cm)	4000	17600	26300	<2.0	1120
	Hardness (as CaCO3) (mg/L)	1450	3760	4080	<0.70	479
	pH (pH)	5.55	3.24	3.17	5.63	6.36
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	3.9	<2.0	<2.0	<2.0	68.2
	Anion Sum (meq/L)	52.0	438	6.8	<0.1	11.7
	Cation - Anion Balance (%)	7.5	1.7	98.4	0.0	6.6
	Cation Sum (meq/L)	60.4	453	826	<0.1	13.4
	Sulfate (SO4) (mg/L)	2500	21000	37139	<0.50	498
Dissolved Metals	Calcium (Ca)-Dissolved (mg/L)	359	404	430	<0.10	143
	Iron (Fe)-Dissolved (mg/L)	678	9670	19400	<0.030	28.3
	Magnesium (Mg)-Dissolved (mg/L)	133	667	731	<0.10	29.8
	Manganese (Mn)-Dissolved (mg/L)	31.2	88.8	170	<0.00030	38.8
	Potassium (K)-Dissolved (mg/L)	7.1	74	59	<2.0	3.7
	Sodium (Na)-Dissolved (mg/L)	136	452	401	<2.0	29.7
	Zinc (Zn)-Dissolved (mg/L)	<0.050	214	756	<0.0050	0.579

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
ALK-COL-VA	Water	Alkalinity by Colourimetric (Automated)	APHA 310.2

This analysis is carried out using procedures adapted from EPA Method 310.2 "Alkalinity". Total Alkalinity is determined using the methyl orange colourimetric method.

ALK-PCT-VA	Water	Alkalinity by Auto. Titration	APHA 2320 "Alkalinity"

This analysis is carried out using procedures adapted from APHA Method 2320 "Alkalinity". Total alkalinity is determined by potentiometric titration to a pH 4.5 endpoint. Bicarbonate, carbonate and hydroxide alkalinity are calculated from phenolphthalein alkalinity and total alkalinity values.

EC-PCT-VA	Water	Conductivity (Automated)	APHA 2510 Auto. Conduc.

This analysis is carried out using procedures adapted from APHA Method 2510 "Conductivity". Conductivity is determined using a conductivity electrode.

HARDNESS-CALC-VA	Water	Hardness	APHA 2340B

Hardness is calculated from Calcium and Magnesium concentrations, and is expressed as calcium carbonate equivalents.

IONBALANCE-VA	Water	Ion Balance Calculation	APHA 1030E

Cation Sum, Anion Sum, and Ion Balance (as % difference) are calculated based on guidance from APHA Standard Methods (1030E Checking Correctness of Analysis). Because all aqueous solutions are electrically neutral, the calculated ion balance (% difference of cations minus anions) should be near-zero.

Cation and Anion Sums are the total meq/L concentration of major cations and anions. Dissolved species are used where available. Minor ions are included where data is present. Ion Balance is calculated as:

Ion Balance (%) = [Cation Sum-Anion Sum] / [Cation Sum+Anion Sum]

MET-DIS-CCME-ICP-VA	Water	Diss. Metals in Water by ICPOES (CCME)	EPA SW-846 3005A/6010B

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - optical emission spectrophotometry (EPA Method 6010B).

MET-DIS-CCME-MS-VA	Water	Diss. Metals in Water by ICPMS (CCME)	EPA SW-846 3005A/6020A

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - mass spectrometry (EPA Method 6020A).

PH-MAN-VA	Water	pH by Manual Meter	APHA 4500-H "pH Value"

This analysis is carried out using procedures adapted from APHA Method 4500-H "pH Value". The pH is determined in the laboratory using a pH electrode.

PH-PCT-VA	Water	pH by Meter (Automated)	APHA 4500-H "pH Value"

This analysis is carried out using procedures adapted from APHA Method 4500-H "pH Value". The pH is determined in the laboratory using a pH electrode

SO4-TUR-VA	Water	Sulphate(SO4) by Turbidity	APHA 4500-SO4 "Sulphate"

This analysis is carried out using procedures adapted from APHA Method 4500-SO4 "Sulphate". Sulphate is determined using the turbidimetric method.

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.
The last two letters of the above ALS Test Code column indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)

Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
VA	ALS LABORATORY GROUP - VANCOUVER, BC, CANADA		

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 enviromental 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.
mg/kg (units) - unit of concentration based on mass, parts per million
mg/L (units) - unit of concentration based on volume, parts per million
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.
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.

Reduced.

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES
Environmental Division

Chain of Custody / Analytical Request Form
Canada Toll Free: 1 800 668 9878
www.alsglobal.com

COC # GLL Faro 2008-3

Page 1 of 2

Report to:	**Report Format / Distribution**	**Service Requested:**
Company: Gartner Lee Ltd	☑ Standard ☐ Other	☑ Regular Service (Default)
Contact: Kai Wolotyn	☑ PDF ☑ Excel ☐ Fax	☐ Rush Service (2-3 Days)
Address: 2251 2nd Ave, Whitehorse, YT	Email 1: kwolotyn @gartnerlee.com	☐ Priority Service (1 Day or ASAP)
	Email 2: ebabyn @gartnerlee.com	☐ Emergency Service (<1 Day / Wkend) - Contact ALS
Phone: 867-633-6474 Fax:		**Analysis Request**
Invoice To: ☑ Same as Report	Indicate Bottles: Filtered / Preserved (F/P) →→	F/P
Company:	**Client / Project Information:**	
Contact:	Job #: 70549 ~~0001~~ FARO Mine	
Address:	PO/AFE:	
Sample	Legal Site Description: Faro Mine	
Phone: 780-428-3465 Fax:	Quote #:	
Lab Work Order # (lab use only): L636548	**ALS Contact:** Natasha MM **Sampler** (Initials):	

Sample #	Sample Identification (This description will appear on the report)	Date dd-mmm-yy	Time hh:mm	Sample Type (Select from drop-down list)	pH, Conductivity	Total Alkalinity	Sulphate	Chloride	D-Metals - CCME (Full)	D-Metals (Reduced List *note)	ION BALANCE	Hardness			Hazardous?	Highly Contaminated?	Number of Containers
	P03-01-01	29-May-08		Water	X	X	X			X	X	X					2
	P03-01-02			Water	X	X	X			X	X	X					2
	P03-01-03			Water	X	X	X			X	X	X					2
	P03-01-04			Water	X	X	X			X	X	X					2
	P03-01-05			Water	X	X	X			X	X	X					2
	P03-01-06			Water	X	X	X			X	X	X					2
	P03-01-07			Water	X	X	X			X	X	X					2
	P03-01-08			Water	X	X	X			X	X	X				X	2
	P03-01-09			Water	X	X	X			X	X	X				X	2
	P03-01-X			Water	X	X	X			X	X	X					2

Guidelines / Regulations	**Special Instructions / Hazardous Details**
CCME Aquatic Life	Please make sure Zn dl is 0.005mg/L.| Ion Balance needs to be reproted.| *GAR250-MET-D-FARO-VA(1)(Reduced list)

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 adjacent worksheet.

Relinquished By:	Jon Thurber	Date & Time:	01-June-08	Received By:		Date & Time:	6/6/8 1:30	Sample Condition (lab use only)
Relinquished By:	Kai Wolotyn	Date & Time:	01-June-08	Received By:		Date & Time:		Temperature: 3 / Samples Received in Good Condition? Y / N (if no provided details)

Reduced.

P03-03-X BROKEN ON ARRIVAL

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES
Environmental Division

tical Request Form
800 668 9878
l.com

COC # Rev 6 LLFaro 2008-4

Page 2 of 2

Report to:	**ɔution**	**Service Requested:**
Company: Gartner Lee Ltd	☑ Standard ☐ Other	☑ Regular Service (Default)
Contact: Kai Wołoshyn.	☑ PDF ☑ Excel ☐ Fax	☐ Rush Service (2-3 Days)
Address: 2251 2nd Ave, Whitehorse, YT	Email 1: kwoloshyn @gartnerlee.com	☐ Priority Service (1 Day or ASAP)
	Email 2: ebaby k @gartnerlee.com	☐ Emergency Service (<1 Day / Wkend) - Contact ALS
Phone: 867-633-6474 Fax:		**Analysis Request**
Invoice To: ☑ Same as Report	Indicate Bottles: Filtered / Preserved (F/P) →	F/P
Company:	**Client / Project Information:**	
Contact:	Job #: 70549 ~~60601~~ FARO Mine	
Address:	PO/AFE:	
Sample	Legal Site Description: Faro Mine.	
Phone: 780-428-3465 Fax:	Quote #:	

Lab Work Order # (lab use only):

ALS Contact: Natasha MM

Sampler (Initials):

Sample #	Sample Identification (This description will appear on the report)	Date dd-mmm-yy	Time hh:mm	Sample Type (Select from drop-down list)	pH, Conductivity	Total Alkalinity	Sulphate	Chloride	D-Metals - CCME (Full)	D-Metals (Reduced List *note)	ION BALANCE	Hardness			Hazardous?	Highly Contaminated?	Number of Containers
	P03-03-01	29-May-08		Water	X	X	X			X	X	X					2
	P03-03-02			Water	X	X	X			X	X	X					2
	P03-03-03			Water	X	X	X			X	X	X					2
	P03-03-04			Water	X	X	X			X	X	X					2
	P03-03-05			Water	X	X	X			X	X	X					2
	P03-03-06			Water	X	X	X			X	X	X					2
	P03-03-08			Water	X	X	X			X	X	X				X	2
	P03-03-09			Water	X	X	X			X	X	X				X	2
	P03-03-10			Water	X	X	X			X	X	X					2
	P03-03-X			Water	X	X	X			X	X	X					2

Guidelines / Regulations	**Special Instructions / Hazardous Details**
CCME Aquatic Life	Please make sure Zn dl is 0.005mg/L.| Ion Balance needs to be reproted.| *GAR250-MET-D-FARO-VA(1)(Reduced list)

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 adjacent worksheet.

Relinquished By:	Date & Time:	Received By:	Date & Time:	**Sample Condition (lab use only)**
Jen Jenston	01-June-08		8/6/08	Temperature: 3
Relinquished By: Kai Wołoshyn	Date & Time: 01-June-08	Received By:	Date & Time: 1:30	Samples Received in Good Condition? Y / N (if no provided details)

ANALYTICAL REPORT

GARTNER LEE LTD.

ATTN: KAI WOLOSHYN

2251 2ND AVENUE

WHITEHORSE YT Y1A 5W1

Reported On: 20-JUN-08 11:28 AM

Lab Work Order #: **L636549** **Date Received:** **02-JUN-08**

Project P.O. #:
Job Reference: 70549 FARO MINE
Legal Site Desc: FARO MINE
CofC Numbers: GLL FARO 2008-9

Other Information:

Comments: Please note that certain metals detection limits have been increased for some of the samples due to the interferences encountered during the analysis.

Joyce Chow
General Manager, Vancouver

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

NATASHA MARKOVIC-MIROVIC

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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 ID	L636549-1	L636549-2	L636549-3	L636549-4	L636549-5
	Description					
	Sampled Date	27-MAY-08	27-MAY-08	29-MAY-08	29-MAY-08	27-MAY-08
	Sampled Time					
	Client ID	BH5	BH6	P01-01A	P01-01B	P01-02A
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	7.2	3.9	19.5	14.5	7.7
	Cation Sum (meq/L)	7.0	3.8	19.8	14.3	7.8
	Cation - Anion Balance (%)	-1.3	-1.9	0.7	-0.5	0.7
	Hardness (as CaCO3) (mg/L)	277	165	920	659	360
	Conductivity (uS/cm)	644	369	1610	1210	678
	pH (pH)	6.44	6.62	7.74	7.92	8.13
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	245	125	249	269	245
	Chloride (Cl) (mg/L)	0.54	<0.50	1.72	1.45	<0.50
	Sulfate (SO4) (mg/L)	111	69.4	696	435	133
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	0.0556	0.0391	<0.025	<0.010	<0.010
	Antimony (Sb)-Dissolved (mg/L)	<0.00050	<0.00050	<0.0025	<0.0010	<0.0010
	Arsenic (As)-Dissolved (mg/L)	<0.00050	<0.00050	<0.0025	0.0031	<0.0010
	Barium (Ba)-Dissolved (mg/L)	0.060	0.036	0.063	0.070	0.067
	Beryllium (Be)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0050	<0.0020	<0.0020
	Boron (B)-Dissolved (mg/L)	<0.10	<0.10	<0.10	<0.10	<0.10
	Cadmium (Cd)-Dissolved (mg/L)	0.000703	0.00115	0.000655	<0.000034	0.000082
	Calcium (Ca)-Dissolved (mg/L)	70.3	44.5	265	196	103
	Chromium (Cr)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0050	<0.0020	<0.0020
	Cobalt (Co)-Dissolved (mg/L)	0.0152	0.0263	<0.0015	<0.00060	<0.00060
	Copper (Cu)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0050	<0.0020	<0.0020
	Iron (Fe)-Dissolved (mg/L)	19.5	4.24	<0.030	0.687	0.037
	Lead (Pb)-Dissolved (mg/L)	<0.00050	0.00105	<0.0025	<0.0010	<0.0010
	Lithium (Li)-Dissolved (mg/L)	0.0412	0.0229	<0.025	0.013	<0.010
	Magnesium (Mg)-Dissolved (mg/L)	24.6	13.1	62.5	41.2	25.3
	Manganese (Mn)-Dissolved (mg/L)	1.27	1.11	4.58	0.0873	1.16
	Mercury (Hg)-Dissolved (mg/L)	<0.000020	<0.000020	<0.000020	<0.000020	<0.000020
	Molybdenum (Mo)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0050	<0.0020	<0.0020
	Nickel (Ni)-Dissolved (mg/L)	0.0207	0.0253	0.0055	<0.0020	0.0024
	Potassium (K)-Dissolved (mg/L)	3.3	<2.0	6.1	4.0	2.8
	Selenium (Se)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0050	<0.0020	<0.0020
	Silver (Ag)-Dissolved (mg/L)	<0.000020	<0.000020	<0.00010	<0.000040	<0.000040
	Sodium (Na)-Dissolved (mg/L)	13.4	4.6	25.2	24.1	10.4
	Thallium (Tl)-Dissolved (mg/L)	<0.00020	<0.00020	<0.0010	<0.00040	<0.00040
	Tin (Sn)-Dissolved (mg/L)	<0.00050	<0.00050	<0.0025	<0.0010	<0.0010
	Titanium (Ti)-Dissolved (mg/L)	<0.010	<0.010	<0.010	<0.010	<0.010
	Uranium (U)-Dissolved (mg/L)	0.00024	0.00079	0.0069	0.00662	0.00253
	Vanadium (V)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0050	<0.0020	<0.0020
	Zinc (Zn)-Dissolved (mg/L)	2.53	3.39	0.0064	<0.0050	<0.0050

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636549-6	L636549-7	L636549-8	L636549-9	L636549-10
	Description					
	Sampled Date	27-MAY-08	27-MAY-08	29-MAY-08	29-MAY-08	29-MAY-08
	Sampled Time					
	Client ID	P01-02B	P01-02B-S	P01-11	P05-02	P05-02-S
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	6.2	5.7	33.7	31.5	31.6
	Cation Sum (meq/L)	6.0	5.9	34.0	30.3	30.4
	Cation - Anion Balance (%)	-1.8	1.4	0.4	-1.9	-1.9
	Hardness (as CaCO3) (mg/L)	274	272	1500	1380	1380
	Conductivity (uS/cm)	534	535	2460	2360	2370
	pH (pH)	8.13	8.14	7.64	7.58	7.59
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	214	191	352	334	354
	Chloride (Cl) (mg/L)	<0.50	<0.50	<5.0	<5.0	<5.0
	Sulfate (SO4) (mg/L)	92.2	92.8	1280	1190	1180
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	<0.0050	<0.0050	<0.025	<0.025	<0.025
	Antimony (Sb)-Dissolved (mg/L)	<0.00050	<0.00050	<0.0025	<0.0025	<0.0025
	Arsenic (As)-Dissolved (mg/L)	0.00485	0.00484	0.0306	0.0033	0.0034
	Barium (Ba)-Dissolved (mg/L)	0.035	0.034	0.045	0.040	0.040
	Beryllium (Be)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0050	<0.0050	<0.0050
	Boron (B)-Dissolved (mg/L)	<0.10	<0.10	<0.10	<0.10	<0.10
	Cadmium (Cd)-Dissolved (mg/L)	<0.000017	<0.000017	<0.000085	0.000281	0.000296
	Calcium (Ca)-Dissolved (mg/L)	67.7	66.9	451	415	418
	Chromium (Cr)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0050	<0.0050	<0.0050
	Cobalt (Co)-Dissolved (mg/L)	<0.00030	<0.00030	0.0027	0.0091	0.0092
	Copper (Cu)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0050	<0.0050	<0.0050
	Iron (Fe)-Dissolved (mg/L)	0.771	0.761	32.4	4.44	4.46
	Lead (Pb)-Dissolved (mg/L)	<0.00050	<0.00050	<0.0025	<0.0025	<0.0025
	Lithium (Li)-Dissolved (mg/L)	0.0055	0.0061	<0.025	<0.025	<0.025
	Magnesium (Mg)-Dissolved (mg/L)	25.6	25.5	91.3	82.7	81.8
	Manganese (Mn)-Dissolved (mg/L)	0.111	0.111	18.2	16.2	15.7
	Mercury (Hg)-Dissolved (mg/L)	<0.000020	<0.000020	<0.000020	<0.000020	<0.000020
	Molybdenum (Mo)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0050	<0.0050	<0.0050
	Nickel (Ni)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0050	0.0086	0.0094
	Potassium (K)-Dissolved (mg/L)	2.2	2.1	7.1	6.5	6.5
	Selenium (Se)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0050	<0.0050	<0.0050
	Silver (Ag)-Dissolved (mg/L)	<0.000020	<0.000020	<0.00010	<0.00010	<0.00010
	Sodium (Na)-Dissolved (mg/L)	9.2	9.1	45.7	43.3	44.1
	Thallium (Tl)-Dissolved (mg/L)	<0.00020	<0.00020	<0.0010	<0.0010	<0.0010
	Tin (Sn)-Dissolved (mg/L)	<0.00050	<0.00050	<0.0025	<0.0025	<0.0025
	Titanium (Ti)-Dissolved (mg/L)	<0.010	<0.010	<0.010	<0.010	<0.010
	Uranium (U)-Dissolved (mg/L)	0.00229	0.00221	0.0052	0.0048	0.0047
	Vanadium (V)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0050	<0.0050	<0.0050
	Zinc (Zn)-Dissolved (mg/L)	0.0057	<0.0050	<0.0050	0.0371	0.0348

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636549-11	L636549-12	L636549-13	L636549-14	L636549-15
	Description					
	Sampled Date	29-MAY-08	27-MAY-08	28-MAY-08	28-MAY-08	28-MAY-08
	Sampled Time					
	Client ID	P05-03	P05-04	SRK05-SP-4A	SRK05-SP-4B	SRK05-SP-5
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	17.5	3.9	16.7	125	113
	Cation Sum (meq/L)	18.7	4.0	17.9	121	115
	Cation - Anion Balance (%)	3.2	1.9	3.4	-1.5	0.7
	Hardness (as CaCO3) (mg/L)	840	190	801	5180	5040
	Conductivity (uS/cm)	1470	369	1390	6850	6520
	pH (pH)	7.81	7.16	6.64	6.63	6.75
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	291	144	257	175	239
	Chloride (Cl) (mg/L)	1.36	<0.50	1.31	<50	<50
	Sulfate (SO4) (mg/L)	560	48.8	555	5820	5220
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	<0.025	0.0432	0.036	<0.50	<0.50
	Antimony (Sb)-Dissolved (mg/L)	<0.0025	<0.00050	<0.0025	<0.050	<0.050
	Arsenic (As)-Dissolved (mg/L)	0.0035	<0.00050	<0.0025	<0.050	<0.050
	Barium (Ba)-Dissolved (mg/L)	0.234	0.044	0.037	<0.040	<0.040
	Beryllium (Be)-Dissolved (mg/L)	<0.0050	<0.0010	<0.0050	<0.10	<0.10
	Boron (B)-Dissolved (mg/L)	<0.10	<0.10	<0.10	<0.20	<0.20
	Cadmium (Cd)-Dissolved (mg/L)	0.000104	0.00212	0.00328	0.102	0.0349
	Calcium (Ca)-Dissolved (mg/L)	253	55.9	160	440	496
	Chromium (Cr)-Dissolved (mg/L)	<0.0050	<0.0010	<0.0050	<0.10	<0.10
	Cobalt (Co)-Dissolved (mg/L)	0.0017	0.00065	0.0100	0.060	0.053
	Copper (Cu)-Dissolved (mg/L)	<0.0050	<0.0010	<0.0050	<0.10	<0.10
	Iron (Fe)-Dissolved (mg/L)	4.48	0.054	18.7	<0.060	0.111
	Lead (Pb)-Dissolved (mg/L)	<0.0025	<0.00050	<0.0025	<0.050	<0.050
	Lithium (Li)-Dissolved (mg/L)	<0.025	0.0152	0.072	<0.50	<0.50
	Magnesium (Mg)-Dissolved (mg/L)	50.6	12.2	97.9	991	924
	Manganese (Mn)-Dissolved (mg/L)	8.73	0.0230	2.81	89.1	101
	Mercury (Hg)-Dissolved (mg/L)	<0.000020	<0.000020	<0.000020	<0.000020	<0.000020
	Molybdenum (Mo)-Dissolved (mg/L)	<0.0050	<0.0010	<0.0050	<0.10	<0.10
	Nickel (Ni)-Dissolved (mg/L)	<0.0050	0.0078	0.103	3.09	2.28
	Potassium (K)-Dissolved (mg/L)	3.8	<2.0	4.9	12.8	11.7
	Selenium (Se)-Dissolved (mg/L)	<0.0050	<0.0010	<0.0050	<0.10	<0.10
	Silver (Ag)-Dissolved (mg/L)	<0.00010	<0.000020	<0.00010	<0.0020	<0.0020
	Sodium (Na)-Dissolved (mg/L)	29.5	4.5	10.9	32.6	30.7
	Thallium (Tl)-Dissolved (mg/L)	<0.0010	<0.00020	<0.0010	<0.020	<0.020
	Tin (Sn)-Dissolved (mg/L)	<0.0025	<0.00050	<0.0025	<0.050	<0.050
	Titanium (Ti)-Dissolved (mg/L)	<0.010	<0.010	<0.010	<0.020	<0.020
	Uranium (U)-Dissolved (mg/L)	0.0096	0.00087	<0.0010	<0.020	<0.020
	Vanadium (V)-Dissolved (mg/L)	<0.0050	<0.0010	<0.0050	<0.10	<0.10
	Zinc (Zn)-Dissolved (mg/L)	0.0069	1.58	16.5	407	291

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636549-16	L636549-17	L636549-18	L636549-19	
	Description					
	Sampled Date	28-MAY-08	29-MAY-08	29-MAY-08	29-MAY-08	
	Sampled Time					
	Client ID	SRK05-SP-5-R	X16A	X16B	X17A	
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	115	3.4	4.2	6.4	
	Cation Sum (meq/L)	114	3.6	4.4	6.6	
	Cation - Anion Balance (%)	-0.3	2.2	2.3	2.1	
	Hardness (as CaCO3) (mg/L)	4990	179	218	326	
	Conductivity (uS/cm)	6520	341	406	587	
	pH (pH)	6.75	8.07	8.21	8.15	
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	239	143	182	270	
	Chloride (Cl) (mg/L)	<50	<0.50	<0.50	<0.50	
	Sulfate (SO4) (mg/L)	5290	27.6	25.8	47.1	
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	<0.50	<0.0050	<0.0050	<0.0050	
	Antimony (Sb)-Dissolved (mg/L)	<0.050	<0.00050	<0.00050	<0.00050	
	Arsenic (As)-Dissolved (mg/L)	<0.050	<0.00050	<0.00050	<0.00050	
	Barium (Ba)-Dissolved (mg/L)	<0.040	0.085	0.133	0.203	
	Beryllium (Be)-Dissolved (mg/L)	<0.10	<0.0010	<0.0010	<0.0010	
	Boron (B)-Dissolved (mg/L)	<0.20	<0.10	<0.10	<0.10	
	Cadmium (Cd)-Dissolved (mg/L)	0.0373	0.000055	<0.000017	0.000042	
	Calcium (Ca)-Dissolved (mg/L)	493	51.9	61.5	92.1	
	Chromium (Cr)-Dissolved (mg/L)	<0.10	<0.0010	<0.0010	<0.0010	
	Cobalt (Co)-Dissolved (mg/L)	0.057	<0.00030	<0.00030	<0.00030	
	Copper (Cu)-Dissolved (mg/L)	<0.10	<0.0010	<0.0010	<0.0010	
	Iron (Fe)-Dissolved (mg/L)	0.078	<0.030	<0.030	<0.030	
	Lead (Pb)-Dissolved (mg/L)	<0.050	<0.00050	<0.00050	<0.00050	
	Lithium (Li)-Dissolved (mg/L)	<0.50	<0.0050	<0.0050	<0.0050	
	Magnesium (Mg)-Dissolved (mg/L)	912	12.0	15.7	23.4	
	Manganese (Mn)-Dissolved (mg/L)	109	0.00321	0.00043	0.0174	
	Mercury (Hg)-Dissolved (mg/L)	<0.000020	<0.000020	<0.000020	<0.000020	
	Molybdenum (Mo)-Dissolved (mg/L)	<0.10	0.0022	0.0017	<0.0010	
	Nickel (Ni)-Dissolved (mg/L)	2.51	<0.0010	<0.0010	<0.0010	
	Potassium (K)-Dissolved (mg/L)	11.9	<2.0	<2.0	<2.0	
	Selenium (Se)-Dissolved (mg/L)	<0.10	<0.0010	0.0018	<0.0010	
	Silver (Ag)-Dissolved (mg/L)	<0.0020	<0.000020	<0.000020	<0.000020	
	Sodium (Na)-Dissolved (mg/L)	30.7	<2.0	<2.0	2.9	
	Thallium (Tl)-Dissolved (mg/L)	<0.020	<0.00020	<0.00020	<0.00020	
	Tin (Sn)-Dissolved (mg/L)	<0.050	<0.00050	<0.00050	<0.00050	
	Titanium (Ti)-Dissolved (mg/L)	<0.020	<0.010	<0.010	<0.010	
	Uranium (U)-Dissolved (mg/L)	<0.020	0.00162	0.00178	0.00272	
	Vanadium (V)-Dissolved (mg/L)	<0.10	<0.0010	<0.0010	<0.0010	
	Zinc (Zn)-Dissolved (mg/L)	294	0.0071	0.0478	0.0118	

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
ALK-COL-VA	Water	Alkalinity by Colourimetric (Automated)	APHA 310.2

This analysis is carried out using procedures adapted from EPA Method 310.2 "Alkalinity". Total Alkalinity is determined using the methyl orange colourimetric method.

ALK-PCT-VA	Water	Alkalinity by Auto. Titration	APHA 2320 "Alkalinity"

This analysis is carried out using procedures adapted from APHA Method 2320 "Alkalinity". Total alkalinity is determined by potentiometric titration to a pH 4.5 endpoint. Bicarbonate, carbonate and hydroxide alkalinity are calculated from phenolphthalein alkalinity and total alkalinity values.

ANIONS-CL-IC-VA	Water	Chloride by Ion Chromatography	APHA 4110 "Determination of Anions by IC

This analysis is carried out using procedures adapted from APHA Method 4110 "Determination of Anions by Ion Chromatography" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Anions routinely determined by this method include: bromide, chloride, fluoride, nitrate, nitrite and sulphate.

ANIONS-SO4-IC-VA	Water	Sulfate by Ion Chromatography	APHA 4110 "Determination of Anions by IC

This analysis is carried out using procedures adapted from APHA Method 4110 "Determination of Anions by Ion Chromatography" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Anions routinely determined by this method include: bromide, chloride, fluoride, nitrate, nitrite and sulphate.

EC-PCT-VA	Water	Conductivity (Automated)	APHA 2510 Auto. Conduc.

This analysis is carried out using procedures adapted from APHA Method 2510 "Conductivity". Conductivity is determined using a conductivity electrode.

HARDNESS-CALC-VA	Water	Hardness	APHA 2340B

Hardness is calculated from Calcium and Magnesium concentrations, and is expressed as calcium carbonate equivalents.

HG-DIS-CCME-CVAFS-VA	Water	Diss. Mercury in Water by CVAFS (CCME)	EPA 3005A/245.7

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by filtration (EPA Method 3005A) and involves a cold-oxidation of the acidified sample using bromine monochloride prior to reduction of the sample with stannous chloride. Instrumental analysis is by cold vapour atomic fluorescence spectrophotometry (EPA Method 245.7).

IONBALANCE-VA	Water	Ion Balance Calculation	APHA 1030E

Cation Sum, Anion Sum, and Ion Balance (as % difference) are calculated based on guidance from APHA Standard Methods (1030E Checking Correctness of Analysis). Because all aqueous solutions are electrically neutral, the calculated ion balance (% difference of cations minus anions) should be near-zero.

Cation and Anion Sums are the total meq/L concentration of major cations and anions. Dissolved species are used where available. Minor ions are included where data is present. Ion Balance is calculated as:

Ion Balance (%) = [Cation Sum-Anion Sum] / [Cation Sum+Anion Sum]

MET-DIS-CCME-ICP-VA	Water	Diss. Metals in Water by ICPOES (CCME)	EPA SW-846 3005A/6010B

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - optical emission spectrophotometry (EPA Method 6010B).

MET-DIS-CCME-MS-VA	Water	Diss. Metals in Water by ICPMS (CCME)	EPA SW-846 3005A/6020A

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - mass spectrometry (EPA Method

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
6020A).			
PH-PCT-VA	Water	pH by Meter (Automated)	APHA 4500-H "pH Value"

This analysis is carried out using procedures adapted from APHA Method 4500-H "pH Value". The pH is determined in the laboratory using a pH electrode

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.
The last two letters of the above ALS Test Code column 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
VA	ALS LABORATORY GROUP - VANCOUVER, BC, CANADA		

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 enviromental 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.
mg/kg (units) - unit of concentration based on mass, parts per million
mg/L (units) - unit of concentration based on volume, parts per million
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.
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.

Full

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES
Environmental Division

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www.alsglobal.com

COC # GLFab 2008 - 9
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Report to:		Report Format / Distribution		Service Requested:	
Company:	Gartner Lee Ltd	☑ Standard ☐ Other		☑	Regular Service (Default)
Contact:	Kai Wolashyn	☑ PDF ☑ Excel ☐ Fax		☐	Rush Service (2-3 Days)
Address:	2251 2nd Ave, Whitehorse, YT	Email 1:	kwolashyn@gartnerlee.com	☐	Priority Service (1 Day or ASAP)
		Email 2:	kbabych@gartnerlee.com	☐	Emergency Service (<1 Day / Wkend) - Contact ALS
Phone:	867-633-6474 Fax:			Analysis Request	
Invoice To:	☑ Same as Report	Indicate Bottles: Filtered / Preserved (F/P) →		F/P	
Company:		**Client / Project Information:**			
Contact:		Job #: 70549 ~~60001~~ FARO Mine			
Address:		PO/AFE:			
Sample		Legal Site Description: Faro Mine			
Phone:	780-428-3465 Fax:	Quote #:			
Lab Work Order # (lab use only)	LG36549	**ALS Contact:**	Natasha MM	**Sampler** (Initials):	

Sample #	Sample Identification (This description will appear on the report)	Date dd-mmm-yy	Time hh:mm	Sample Type (Select from drop-down list)	pH, Conductivity	Total Alkalinity	Sulphate	Chloride	D-Metals - CCME (Full)	D-Metals (Reduced List *note)	ION BALANCE	Hardness			Hazardous?	Highly Contaminated?	Number of Containers
	BH5	27-May		Water	X	X	X	X	X		X	X					2
	BH6	27-May		Water	X	X	X	X	X		X	X					2
	P01-01A	29-May		Water	X	X	X	X	X		X	X					2
	P01-01B	29-May		Water	X	X	X	X	X		X	X					2
	P01-02A	27-May		Water	X	X	X	X	X		X	X					2
	P01-02B	27-May		Water	X	X	X	X	X		X	X					2
	P01-02B-S	27-May		Water	X	X	X	X	X		X	X					2
	P01-11	29-May		Water	X	X	X	X	X		X	X					2
	P05-02	29-May		Water	X	X	X	X	X		X	X					2
	P05-02-S	29-May		Water	X	X	X	X	X		X	X					2

Guidelines / Regulations	Special Instructions / Hazardous Details
CCME Aquatic Life	Please make sure Zn dl is 0.005mg/L.| Ion Balance needs to be reproted.| *GAR250-MET-D-FARO-VA(1)(Reduced list)

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 adjacent worksheet.

Relinquished By:	Date & Time:	Received By:	Date & Time:	Sample Condition (lab use only)	
Jen Jenston	01-June-08			Temperature	Samples Received in Good Condition? Y/N (if no provided details)
Relinquished By: Kai Wolashyn	Date & Time: 01-June-08	Received By:	Date & Time:		

Full.

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

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COC # GLLFaro2008-10

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Report to:	**Report Format / Distribution**	**Service Requested:**
Company: Gartner Lee Ltd	☑ Standard ☐ Other	☑ Regular Service (Default)
Contact: Kai Wolochyn.	☑ PDF ☑ Excel ☐ Fax	☐ Rush Service (2-3 Days)
Address: 2251 2nd Ave, Whitehorse, YT	Email 1: kwolochyn @gartnerlee.com	☐ Priority Service (1 Day or ASAP)
	Email 2: ekrabsyn. @gartnerlee.com	☐ Emergency Service (<1 Day / Wkend) - Contact ALS
Phone: 867-633-6474 Fax:		**Analysis Request**
Invoice To: ☑ Same as Report	Indicate Bottles: Filtered / Preserved (F/P) →	F/P
Company:	**Client / Project Information:**	
Contact:	Job #: 70549 ~~60601~~ FARO Mine	
Address:	PO/AFE:	
Sample	Legal Site Description: Faro Mine.	
Phone: 780-428-3465 Fax:	Quote #:	
Lab Work Order # (lab use only)	**ALS Contact:** Natasha MM	**Sampler** (Initials):

Sample #	Sample Identification (This description will appear on the report)	Date dd-mmm-yy	Time hh:mm	Sample Type (Select from drop-down list)	pH, Conductivity	Total Alkalinity	Sulphate	Chloride	D-Metals - CCME (Full)	D-Metals (Reduced List *note)	ION BALANCE	Hardness			Hazardous?	Highly Contaminated?	Number of Containers
	P05-03	29-May-08		Water	X	X	X	X	X		X	X					2
	P05-04	27-May-08		Water	X	X	X	X	X		X	X					2
	SRK05-SP-4A	28-May-08		Water	X	X	X	X	X		X	X					2
	SRK05-SP 4B	28-May-08		Water	X	X	X	X	X		X	X					2
	SRK05-SP-5	28-May-08		Water	X	X	X	X	X		X	X					2
	SRK05-SP-5-R	28-May-08		Water	X	X	X	X	X		X	X					2
	X16A	29-May-08		Water	X	X	X	X	X		X	X					2
	X16B	29-May-08		Water	X	X	X	X	X		X	X					2
	X17A	29-May-08		Water	X	X	X	X	X		X	X					2
				Water													

Guidelines / Regulations	**Special Instructions / Hazardous Details**
CCME Aquatic Life	Please make sure Zn dl is 0.005mg/L.| Ion Balance needs to be reproted.| *GAR250-MET-D-FARO-VA(1)(Reduced list)

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 adjacent worksheet.

Relinquished By:	Date & Time:	Received By:	Date & Time:
Jen Hunter	01-June-08		8/6/2
Kai Wolochyn	01-June-08		2.15 pm

Sample Condition (lab use only)	
Temperature	Samples Received in Good Condition? Y / N (if no provided details)
7	

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

ANALYTICAL REPORT

GARTNER LEE LTD.

ATTN: KAI WOLOSHYN

2251 2ND AVENUE

WHITEHORSE YT Y1A 5W1

Reported On: 20-JUN-08 11:30 AM
Revision: 1

Lab Work Order #: L636550 **Date Received:** 02-JUN-08

Project P.O. #:
Job Reference: 70549 FARO MINE
Legal Site Desc: FARO MINE
CofC Numbers: GLL FARO 2008-12

Other Information:

Comments: Please note that certain metals detection limits have been increased for some of the samples due to the interferences encountered during the analysis.

Joyce Chow
General Manager, Vancouver

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

NATASHA MARKOVIC-MIROVIC

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 ID	L636550-1	L636550-2	L636550-3	L636550-4	L636550-5
	Description					
	Sampled Date	29-MAY-08	29-MAY-08	29-MAY-08	29-MAY-08	29-MAY-08
	Sampled Time					
	Client ID	X17B	X18A	X18B	X24A-96	X25A-96
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	12.7	18.6	18.4	24.0	12.0
	Cation Sum (meq/L)	12.4	19.7	18.5	24.7	12.5
	Cation - Anion Balance (%)	-1.0	2.8	0.4	1.4	2.2
	Hardness (as CaCO3) (mg/L)	534	911	867	1130	556
	Conductivity (uS/cm)	1050	1560	1510	1940	1060
	pH (pH)	7.80	7.83	7.84	7.59	7.92
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	436	247	272	287	259
	Chloride (Cl) (mg/L)	5.94	1.61	1.42	2.40	0.64
	Sulfate (SO4) (mg/L)	183	654	619	876	327
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	<0.010	0.030	<0.025	<0.050	<0.010
	Antimony (Sb)-Dissolved (mg/L)	<0.0010	<0.0025	<0.0025	<0.0050	<0.0010
	Arsenic (As)-Dissolved (mg/L)	<0.0010	0.0093	<0.0025	<0.0050	<0.0010
	Barium (Ba)-Dissolved (mg/L)	0.187	0.181	0.116	<0.020	0.046
	Beryllium (Be)-Dissolved (mg/L)	<0.0020	<0.0050	<0.0050	<0.010	<0.0020
	Boron (B)-Dissolved (mg/L)	<0.10	<0.10	<0.10	<0.10	<0.10
	Cadmium (Cd)-Dissolved (mg/L)	<0.000034	<0.000085	0.000293	0.00041	0.000117
	Calcium (Ca)-Dissolved (mg/L)	146	259	250	330	160
	Chromium (Cr)-Dissolved (mg/L)	<0.0020	<0.0050	<0.0050	<0.010	<0.0020
	Cobalt (Co)-Dissolved (mg/L)	<0.00060	<0.0015	<0.0015	0.0305	0.00642
	Copper (Cu)-Dissolved (mg/L)	<0.0020	<0.0050	<0.0050	<0.010	<0.0020
	Iron (Fe)-Dissolved (mg/L)	3.10	2.55	0.263	1.21	<0.030
	Lead (Pb)-Dissolved (mg/L)	<0.0010	<0.0025	<0.0025	<0.0050	<0.0010
	Lithium (Li)-Dissolved (mg/L)	0.031	<0.025	<0.025	<0.050	<0.010
	Magnesium (Mg)-Dissolved (mg/L)	41.0	64.1	59.1	74.6	38.1
	Manganese (Mn)-Dissolved (mg/L)	0.466	3.37	2.77	23.6	6.15
	Mercury (Hg)-Dissolved (mg/L)	<0.000020	<0.000020	<0.000020	<0.000020	<0.000020
	Molybdenum (Mo)-Dissolved (mg/L)	<0.0020	<0.0050	<0.0050	<0.010	0.0022
	Nickel (Ni)-Dissolved (mg/L)	<0.0020	<0.0050	0.0150	0.030	0.0045
	Potassium (K)-Dissolved (mg/L)	3.2	6.0	6.5	5.8	4.3
	Selenium (Se)-Dissolved (mg/L)	<0.0020	<0.0050	<0.0050	<0.010	<0.0020
	Silver (Ag)-Dissolved (mg/L)	<0.000040	<0.00010	<0.00010	<0.00020	<0.000040
	Sodium (Na)-Dissolved (mg/L)	35.7	25.2	21.5	24.8	25.3
	Thallium (Tl)-Dissolved (mg/L)	<0.00040	<0.0010	<0.0010	<0.0020	<0.00040
	Tin (Sn)-Dissolved (mg/L)	<0.0010	<0.0025	<0.0025	<0.0050	<0.0010
	Titanium (Ti)-Dissolved (mg/L)	<0.010	<0.010	<0.010	<0.010	<0.010
	Uranium (U)-Dissolved (mg/L)	0.00175	0.0069	0.0090	0.0065	0.00911
	Vanadium (V)-Dissolved (mg/L)	<0.0020	<0.0050	<0.0050	<0.010	<0.0020
	Zinc (Zn)-Dissolved (mg/L)	<0.0050	<0.0050	0.0053	0.0062	<0.0050

ALS LABORATORY GROUP ANALYTICAL REPORT

Grouping	Analyte	Sample ID: L636550-6 Description: X25B-96 Sampled Date: 29-MAY-08 Sampled Time: Client ID:	Sample ID: L636550-7 Description: FB Sampled Date: 29-MAY-08 Sampled Time: Client ID:	Sample ID: L636550-8 Description: 5-86 Sampled Date: 30-MAY-08 Sampled Time: Client ID:	Sample ID: L636550-9 Description: ALS TRAVEL BLANK Sampled Date: 06-MAY-08 Sampled Time: Client ID:	Sample ID: L636550-10 Description: SRK05-SP-1A Sampled Date: 28-MAY-08 Sampled Time: Client ID:
WATER						
Physical Tests	Anion Sum (meq/L)	13.5	<0.1	9.0	<0.1	18.4
	Cation Sum (meq/L)	13.7	<0.1	9.5	<0.1	19.0
	Cation - Anion Balance (%)	0.6	0.0	2.7	0.0	1.7
	Hardness (as CaCO3) (mg/L)	577	<0.70	423	<0.70	806
	Conductivity (uS/cm)	1170	<2.0	763	<2.0	1500
	pH (pH)	8.07	5.60	7.49	5.50	6.36
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	275	<2.0	427	<2.0	258
	Chloride (Cl) (mg/L)	0.83	<0.50	0.73	<0.50	3.04
	Sulfate (SO4) (mg/L)	383	<0.50	22.0	<0.50	629
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	<0.010	<0.0050	<0.010	<0.0050	
	Antimony (Sb)-Dissolved (mg/L)	<0.0010	<0.00050	<0.0010	<0.00050	
	Arsenic (As)-Dissolved (mg/L)	<0.0010	<0.00050	0.0644	<0.00050	
	Barium (Ba)-Dissolved (mg/L)	0.030	<0.020	0.153	<0.020	
	Beryllium (Be)-Dissolved (mg/L)	<0.0020	<0.0010	<0.0020	<0.0010	
	Boron (B)-Dissolved (mg/L)	<0.10	<0.10	<0.10	<0.10	
	Cadmium (Cd)-Dissolved (mg/L)	<0.000034	<0.000017	0.000065	<0.000017	
	Calcium (Ca)-Dissolved (mg/L)	180	<0.10	131	<0.10	192
	Chromium (Cr)-Dissolved (mg/L)	<0.0020	<0.0010	<0.0020	<0.0010	
	Cobalt (Co)-Dissolved (mg/L)	<0.00060	<0.00030	0.00080	<0.00030	
	Copper (Cu)-Dissolved (mg/L)	<0.0020	<0.0010	<0.0020	<0.0010	
	Iron (Fe)-Dissolved (mg/L)	0.680	<0.030	8.06	<0.030	53.6
	Lead (Pb)-Dissolved (mg/L)	<0.0010	<0.00050	<0.0010	<0.00050	
	Lithium (Li)-Dissolved (mg/L)	<0.010	<0.0050	0.053	<0.0050	
	Magnesium (Mg)-Dissolved (mg/L)	31.0	<0.10	23.4	<0.10	79.1
	Manganese (Mn)-Dissolved (mg/L)	0.169	<0.00030	0.392	<0.00030	1.63
	Mercury (Hg)-Dissolved (mg/L)	<0.000020	<0.000020	<0.000020	<0.000020	
	Molybdenum (Mo)-Dissolved (mg/L)	<0.0020	<0.0010	0.0192	<0.0010	
	Nickel (Ni)-Dissolved (mg/L)	<0.0020	<0.0010	0.0104	<0.0010	
	Potassium (K)-Dissolved (mg/L)	3.2	<2.0	2.4	<2.0	4.9
	Selenium (Se)-Dissolved (mg/L)	<0.0020	<0.0010	<0.0020	<0.0010	
	Silver (Ag)-Dissolved (mg/L)	<0.000040	<0.000020	<0.000040	<0.000020	
	Sodium (Na)-Dissolved (mg/L)	46.5	<2.0	16.0	<2.0	16.1
	Thallium (Tl)-Dissolved (mg/L)	<0.00040	<0.00020	<0.00040	<0.00020	
	Tin (Sn)-Dissolved (mg/L)	<0.0010	<0.00050	<0.0010	<0.00050	
	Titanium (Ti)-Dissolved (mg/L)	<0.010	<0.010	<0.010	<0.010	
	Uranium (U)-Dissolved (mg/L)	0.00535	<0.00020	0.00325	<0.00020	
	Vanadium (V)-Dissolved (mg/L)	<0.0020	<0.0010	<0.0020	<0.0010	
	Zinc (Zn)-Dissolved (mg/L)	<0.0050	<0.0050	<0.0050	<0.0050	1.78

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636550-11	L636550-12	L636550-13	L636550-14	L636550-15
	Description					
	Sampled Date	28-MAY-08	28-MAY-08	28-MAY-08	28-MAY-08	29-MAY-08
	Sampled Time					
	Client ID	SRK05-SP-1B	SRK05-SP2	SRK05-SP-3A	SRK05-SP-3B	SRK04-3A
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	12.8	4.0	14.0	12.1	121
	Cation Sum (meq/L)	13.3	4.4	14.7	12.7	117
	Cation - Anion Balance (%)	1.7	3.9	2.4	2.4	-1.7
	Hardness (as CaCO3) (mg/L)	622	201	660	591	4360
	Conductivity (uS/cm)	1070	397	1170	1040	6650
	pH (pH)	6.83	7.04	6.60	6.78	5.96
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	352	164	323	310	60.7
	Chloride (Cl) (mg/L)	0.78	<0.50	1.21	0.63	<50
	Sulfate (SO4) (mg/L)	277	35.3	362	283	5740
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)					
	Antimony (Sb)-Dissolved (mg/L)					
	Arsenic (As)-Dissolved (mg/L)					
	Barium (Ba)-Dissolved (mg/L)					
	Beryllium (Be)-Dissolved (mg/L)					
	Boron (B)-Dissolved (mg/L)					
	Cadmium (Cd)-Dissolved (mg/L)					
	Calcium (Ca)-Dissolved (mg/L)	157	56.9	154	143	411
	Chromium (Cr)-Dissolved (mg/L)					
	Cobalt (Co)-Dissolved (mg/L)					
	Copper (Cu)-Dissolved (mg/L)					
	Iron (Fe)-Dissolved (mg/L)	6.22	0.039	25.3	9.04	545
	Lead (Pb)-Dissolved (mg/L)					
	Lithium (Li)-Dissolved (mg/L)					
	Magnesium (Mg)-Dissolved (mg/L)	55.7	14.4	67.0	56.8	809
	Manganese (Mn)-Dissolved (mg/L)	0.903	1.10	0.960	0.886	65.3
	Mercury (Hg)-Dissolved (mg/L)					
	Molybdenum (Mo)-Dissolved (mg/L)					
	Nickel (Ni)-Dissolved (mg/L)					
	Potassium (K)-Dissolved (mg/L)	5.2	<2.0	4.7	5.5	11.3
	Selenium (Se)-Dissolved (mg/L)					
	Silver (Ag)-Dissolved (mg/L)					
	Sodium (Na)-Dissolved (mg/L)	10.3	6.5	10.4	8.9	53.7
	Thallium (Tl)-Dissolved (mg/L)					
	Tin (Sn)-Dissolved (mg/L)					
	Titanium (Ti)-Dissolved (mg/L)					
	Uranium (U)-Dissolved (mg/L)					
	Vanadium (V)-Dissolved (mg/L)					
	Zinc (Zn)-Dissolved (mg/L)	0.254	0.172	1.22	0.692	249

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L636550-16	L636550-17			
	Description					
	Sampled Date	29-MAY-08	29-MAY-08			
	Sampled Time					
	Client ID	SRK05-ETA-BR1	SRK05-ETA-BR2			
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	109	30.9			
	Cation Sum (meq/L)	119	32.6			
	Cation - Anion Balance (%)	4.7	2.8			
	Hardness (as CaCO3) (mg/L)	3650	1500			
	Conductivity (uS/cm)	6550	2360			
	pH (pH)	5.74	6.95			
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	29.8	127			
	Chloride (Cl) (mg/L)	<500	8.8			
	Sulfate (SO4) (mg/L)	5190	1350			
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)					
	Antimony (Sb)-Dissolved (mg/L)					
	Arsenic (As)-Dissolved (mg/L)					
	Barium (Ba)-Dissolved (mg/L)					
	Beryllium (Be)-Dissolved (mg/L)					
	Boron (B)-Dissolved (mg/L)					
	Cadmium (Cd)-Dissolved (mg/L)					
	Calcium (Ca)-Dissolved (mg/L)	404	449			
	Chromium (Cr)-Dissolved (mg/L)					
	Cobalt (Co)-Dissolved (mg/L)					
	Copper (Cu)-Dissolved (mg/L)					
	Iron (Fe)-Dissolved (mg/L)	838	27.7			
	Lead (Pb)-Dissolved (mg/L)					
	Lithium (Li)-Dissolved (mg/L)					
	Magnesium (Mg)-Dissolved (mg/L)	641	90.8			
	Manganese (Mn)-Dissolved (mg/L)	76.5	3.49			
	Mercury (Hg)-Dissolved (mg/L)					
	Molybdenum (Mo)-Dissolved (mg/L)					
	Nickel (Ni)-Dissolved (mg/L)					
	Potassium (K)-Dissolved (mg/L)	9.9	3.7			
	Selenium (Se)-Dissolved (mg/L)					
	Silver (Ag)-Dissolved (mg/L)					
	Sodium (Na)-Dissolved (mg/L)	60.7	27.9			
	Thallium (Tl)-Dissolved (mg/L)					
	Tin (Sn)-Dissolved (mg/L)					
	Titanium (Ti)-Dissolved (mg/L)					
	Uranium (U)-Dissolved (mg/L)					
	Vanadium (V)-Dissolved (mg/L)					
	Zinc (Zn)-Dissolved (mg/L)	355	10.2			

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
ALK-COL-VA	Water	Alkalinity by Colourimetric (Automated)	APHA 310.2

This analysis is carried out using procedures adapted from EPA Method 310.2 "Alkalinity". Total Alkalinity is determined using the methyl orange colourimetric method.

ALK-PCT-VA	Water	Alkalinity by Auto. Titration	APHA 2320 "Alkalinity"

This analysis is carried out using procedures adapted from APHA Method 2320 "Alkalinity". Total alkalinity is determined by potentiometric titration to a pH 4.5 endpoint. Bicarbonate, carbonate and hydroxide alkalinity are calculated from phenolphthalein alkalinity and total alkalinity values.

ANIONS-CL-IC-VA	Water	Chloride by Ion Chromatography	APHA 4110 "Determination of Anions by IC

This analysis is carried out using procedures adapted from APHA Method 4110 "Determination of Anions by Ion Chromatography" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Anions routinely determined by this method include: bromide, chloride, fluoride, nitrate, nitrite and sulphate.

ANIONS-SO4-IC-VA	Water	Sulfate by Ion Chromatography	APHA 4110 "Determination of Anions by IC

This analysis is carried out using procedures adapted from APHA Method 4110 "Determination of Anions by Ion Chromatography" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Anions routinely determined by this method include: bromide, chloride, fluoride, nitrate, nitrite and sulphate.

EC-PCT-VA	Water	Conductivity (Automated)	APHA 2510 Auto. Conduc.

This analysis is carried out using procedures adapted from APHA Method 2510 "Conductivity". Conductivity is determined using a conductivity electrode.

HARDNESS-CALC-VA	Water	Hardness	APHA 2340B

Hardness is calculated from Calcium and Magnesium concentrations, and is expressed as calcium carbonate equivalents.

HG-DIS-CCME-CVAFS-VA	Water	Diss. Mercury in Water by CVAFS (CCME)	EPA 3005A/245.7

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by filtration (EPA Method 3005A) and involves a cold-oxidation of the acidified sample using bromine monochloride prior to reduction of the sample with stannous chloride. Instrumental analysis is by cold vapour atomic fluorescence spectrophotometry (EPA Method 245.7).

IONBALANCE-VA	Water	Ion Balance Calculation	APHA 1030E

Cation Sum, Anion Sum, and Ion Balance (as % difference) are calculated based on guidance from APHA Standard Methods (1030E Checking Correctness of Analysis). Because all aqueous solutions are electrically neutral, the calculated ion balance (% difference of cations minus anions) should be near-zero.

Cation and Anion Sums are the total meq/L concentration of major cations and anions. Dissolved species are used where available. Minor ions are included where data is present. Ion Balance is calculated as:

Ion Balance (%) = [Cation Sum-Anion Sum] / [Cation Sum+Anion Sum]

MET-DIS-CCME-ICP-VA	Water	Diss. Metals in Water by ICPOES (CCME)	EPA SW-846 3005A/6010B

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - optical emission spectrophotometry (EPA Method 6010B).

MET-DIS-CCME-MS-VA	Water	Diss. Metals in Water by ICPMS (CCME)	EPA SW-846 3005A/6020A

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - mass spectrometry (EPA Method

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
6020A).			
PH-MAN-VA	Water	pH by Manual Meter	APHA 4500-H "pH Value"
This analysis is carried out using procedures adapted from APHA Method 4500-H "pH Value". The pH is determined in the laboratory using a pH electrode.			
PH-PCT-VA	Water	pH by Meter (Automated)	APHA 4500-H "pH Value"
This analysis is carried out using procedures adapted from APHA Method 4500-H "pH Value". The pH is determined in the laboratory using a pH electrode			

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.
The last two letters of the above ALS Test Code column 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
VA	ALS LABORATORY GROUP - VANCOUVER, BC, CANADA		

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 enviromental 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.
mg/kg (units) - unit of concentration based on mass, parts per million
mg/L (units) - unit of concentration based on volume, parts per million
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.
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.

Full.

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES
Environmental Division

Chain of Custody / Analytical Request Form
Canada Toll Free: 1 800 668 9878
www.alsglobal.com

COC # GLFaro2008-11

Page 1 of 2

Report to:	**Report Format / Distribution**	**Service Requested:**
Company: Gartner Lee Ltd	☑ Standard ☐ Other	☑ Regular Service (Default)
Contact: Kai Wolochyn	☑ PDF ☑ Excel ☐ Fax	☐ Rush Service (2-3 Days)
Address: 2251 2nd Ave, Whitehorse, YT	Email 1: kwolochyn@gartnerlee.com	☐ Priority Service (1 Day or ASAP)
	Email 2: ehoshyn@gartnerlee.com	☐ Emergency Service (<1 Day / Wkend) - Contact ALS
Phone: 867-633-6474 Fax:		**Analysis Request**
Invoice To: ☑ Same as Report	Indicate Bottles: Filtered / Preserved (F/P) →	F/P
Company:	**Client / Project Information:**	
Contact:	Job #: 70549 ~~60601~~ FARO Mine	
Address:	PO/AFE:	
Sample	Legal Site Description: Faro Mine	
Phone: 780-428-3465 Fax:	Quote #:	
Lab Work Order # (lab use only):	**ALS Contact:** Natasha MM	**Sampler** (Initials):

Sample #	Sample Identification (This description will appear on the report)	Date dd-mmm-yy	Time hh:mm	Sample Type (Select from drop-down list)	pH, Conductivity	Total Alkalinity	Sulphate	Chloride	D-Metals - CCME (Full)	D-Metals (Reduced List *note)	ION BALANCE	Hardness	Hazardous?	Highly Contaminated?	Number of Containers
	X17 B	29-May-08		Water	X	X	X	X	X		X	X			2
	X18 A	29-May-08		Water	X	X	X	X	X		X	X			2
	X18 B	29-May-08		Water	X	X	X	X	X		X	X			2
	X24A-96	29-May-08		Water	X	X	X	X	X		X	X			2
	X25A-96	29-May-08		Water	X	X	X	X	X		X	X			2
	X25B-96	29-May-08		Water	X	X	X	X	X		X	X			2
	FB	29-May-08		Water	X	X	X	X	X		X	X			2
	5-86	30-May-08		Water	X	X	X	X	X		X	X			2
	ALS Travel Blank	06-May-08		Water	X	X	X	X	X		X	X			2
				Water											

Guidelines / Regulations	**Special Instructions / Hazardous Details**
CCME Aquatic Life	Please make sure Zn dl is 0.005mg/L.| Ion Balance needs to be reproted.| *GAR250-MET-D-FARO-VA(1)(Reduced list)

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 adjacent worksheet.

Relinquished By:	Jen Hunter	Date & Time:	01-June-08	Received By:		Date & Time:	8/6/2	Sample Condition (lab use only)
Relinquished By:	Kai Wolochyn	Date & Time:	01-June-08	Received By:		Date & Time:	1:30	Temperature:) Samples Received in Good Condition? (Y) N (if no provided details)

Reduced.

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES
Environmental Division

Chain of Custody / Analytical Request Form
Canada Toll Free: 1 800 668 9878
www.alsglobal.com

COC # GLLfaro2008-12

Report to:	**Report Format / Distribution**	**Service Requested:**
Company: Gartner Lee Ltd	☑ Standard ☐ Other	☑ Regular Service (Default)
Contact: Kai Wolosbyn	☑ PDF ☑ Excel ☐ Fax	☐ Rush Service (2-3 Days)
Address: 2251 2nd Ave, Whitehorse, YT	Email 1: kwolosbyn @gartnerlee.com	☐ Priority Service (1 Day or ASAP)
	Email 2: ebabyn @gartnerlee.com	☐ Emergency Service (<1 Day / Wkend) - Contact ALS
Phone: 867-633-6474 Fax:		**Analysis Request**
Invoice To: ☑ Same as Report	Indicate Bottles: Filtered / Preserved (F/P) →→	FA
Company:	**Client / Project Information:**	
Contact:	Job #: 70549 ~~60601~~ FARO Mine	
Address:	PO/AFE:	
Sample	Legal Site Description: Faro Mine.	
Phone: 780-428-3465 Fax:	Quote #:	
Lab Work Order # (lab use only): 636550	**ALS Contact:** Natasha MM	**Sampler** (Initials):

Sample #	Sample Identification (This description will appear on the report)	Date dd-mmm-yy	Time hh:mm	Sample Type (Select from drop-down list)	pH, Conductivity	Total Alkalinity	Sulphate	Chloride	D-Metals - CCME (Full)	D-Metals (Reduced List *note)	ION BALANCE	Hardness			Hazardous?	Highly Contaminated?	Number of Containers
	SRK05-SP-1A	28-May-08		Water	X	X	X	X		X	X	X					2
	SRK05-SP-1B	28-May-08		Water	X	X	X	X		X	X	X					2
	SRK05-SP-2	28-May-08		Water	X	X	X	X		X	X	X					2
	SRK05-SP-3A	28-May-08		Water	X	X	X	X		X	X	X					2
	SRK05-SP-3B	28-May-08		Water	X	X	X	X		X	X	X					2
	SRK04-3A	29-May-08		Water	X	X	X	X		X	X	X					2
	SRK05-ETA-RR1	29-May-08		Water	X	X	X	X		X	X	X					2
	SRK05-ETA-RR2	29-May-08		Water	X	X	X	X		X	X	X					2
				Water													
				Water													

Guidelines / Regulations	**Special Instructions / Hazardous Details**
CCME Aquatic Life	Please make sure Zn dl is 0.005mg/L.| Ion Balance needs to be reproted.| *GAR250-MET-D-FARO-VA(1)(Reduced list)

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 adjacent worksheet.

								Sample Condition (lab use only)	
Relinquished By:	Date & Time: 01-June-08	Received By:		Date & Time:	8/6/12	Temperature	7	Samples Received in Good Condition? Y / N (if no provided details)	
Relinquished By:	Date & Time: 01-June-08	Received By:		Date & Time:	1:30				

ANALYTICAL REPORT

GARTNER LEE LTD.

ATTN: KAI WOLOSHYN

2251 2ND AVENUE

WHITEHORSE YT Y1A 5W1

Reported On: 19-JUN-08 09:46 AM

Lab Work Order #: **L639481** **Date Received:** **09-JUN-08**

Project P.O. #:
Job Reference: 70549 FARO MINE
Legal Site Desc: FARO MINE
CofC Numbers:

Other Information:

Comments: Please note that certain Anions as well as certain Metals detection limist have been increased for some of the samples due to the interferences encountered during the anlaysis.

Joyce Chow
General Manager, Vancouver

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

NATASHA MARKOVIC-MIROVIC

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 ID	L639481-1	L639481-2	L639481-3	L639481-4	L639481-5
	Description					
	Sampled Date	05-JUN-08	05-JUN-08	04-JUN-08	05-JUN-08	04-JUN-08
	Sampled Time					
	Client ID	BH10A	BH10B	SRK05-05C	SRK05-07	SRK05-08
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	8.6	12.6	13.0	32.2	27.4
	Cation Sum (meq/L)	9.3	13.3	15.7	32.3	27.5
	Cation - Anion Balance (%)	3.6	2.9	9.4	0.1	0.3
	Hardness (as CaCO3) (mg/L)	361	541	747	1590	1360
	Conductivity (uS/cm)	775	1080	1120	2340	2060
	pH (pH)	6.27	6.06	7.78	7.54	7.56
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	236	406	222	428	581
	Chloride (Cl) (mg/L)	0.51	0.53	0.52	<25	<5.0
	Sulfate (SO4) (mg/L)	189	214	410	1140	758
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	0.035	0.061	<0.010	0.302	<0.025
	Antimony (Sb)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0010	0.0025	<0.0025
	Arsenic (As)-Dissolved (mg/L)	0.0043	0.0326	0.0037	0.0075	<0.0025
	Barium (Ba)-Dissolved (mg/L)	<0.020	<0.020	0.164	0.059	<0.020
	Beryllium (Be)-Dissolved (mg/L)	<0.0020	<0.0020	<0.0020	<0.0050	<0.0050
	Boron (B)-Dissolved (mg/L)	<0.10	<0.10	<0.10	<0.10	<0.10
	Cadmium (Cd)-Dissolved (mg/L)	<0.000034	<0.000034	0.000079	0.000107	<0.000085
	Calcium (Ca)-Dissolved (mg/L)	90.9	141	174	373	281
	Chromium (Cr)-Dissolved (mg/L)	<0.0020	<0.0020	<0.0020	<0.0050	<0.0050
	Cobalt (Co)-Dissolved (mg/L)	0.0196	0.00854	0.00184	0.0048	<0.0015
	Copper (Cu)-Dissolved (mg/L)	<0.0020	<0.0020	<0.0020	<0.0050	<0.0050
	Iron (Fe)-Dissolved (mg/L)	34.1	36.4	0.609	0.354	<0.030
	Lead (Pb)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0010	0.0048	<0.0025
	Lithium (Li)-Dissolved (mg/L)	0.058	0.117	<0.010	<0.025	<0.025
	Magnesium (Mg)-Dissolved (mg/L)	32.6	46.2	76.2	161	160
	Manganese (Mn)-Dissolved (mg/L)	0.922	0.764	1.80	0.0831	<0.0015
	Mercury (Hg)-Dissolved (mg/L)	<0.000020	<0.000020	<0.000020	<0.000020	<0.000020
	Molybdenum (Mo)-Dissolved (mg/L)	<0.0020	<0.0020	0.0131	<0.0050	<0.0050
	Nickel (Ni)-Dissolved (mg/L)	0.0229	0.0195	0.0035	0.0888	<0.0050
	Potassium (K)-Dissolved (mg/L)	4.9	7.5	2.6	2.2	<2.0
	Selenium (Se)-Dissolved (mg/L)	<0.0020	<0.0020	<0.0020	<0.0050	<0.0050
	Silver (Ag)-Dissolved (mg/L)	<0.000040	<0.000040	<0.000040	<0.00010	<0.00010
	Sodium (Na)-Dissolved (mg/L)	12.2	20.0	13.8	7.6	9.1
	Thallium (Tl)-Dissolved (mg/L)	<0.00040	<0.00040	<0.00040	<0.0010	<0.0010
	Tin (Sn)-Dissolved (mg/L)	<0.0010	<0.0010	<0.0010	<0.0025	<0.0025
	Titanium (Ti)-Dissolved (mg/L)	<0.010	<0.010	<0.010	0.011	<0.010
	Uranium (U)-Dissolved (mg/L)	<0.00040	<0.00040	0.00833	0.0134	0.0188
	Vanadium (V)-Dissolved (mg/L)	<0.0020	<0.0020	<0.0020	<0.0050	<0.0050
	Zinc (Zn)-Dissolved (mg/L)	5.31	3.69	0.0070	0.0280	<0.0050

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L639481-6	L639481-7			
	Description					
	Sampled Date	04-JUN-08	05-JUN-08			
	Sampled Time					
	Client ID	SRK05-09	13-86			
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	24.4	3.2			
	Cation Sum (meq/L)	26.3	3.4			
	Cation - Anion Balance (%)	3.8	3.1			
	Hardness (as CaCO3) (mg/L)	1290	163			
	Conductivity (uS/cm)	1960	302			
	pH (pH)	7.78	7.61			
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	268	138			
	Chloride (Cl) (mg/L)	0.77	<0.50			
	Sulfate (SO4) (mg/L)	913	22.1			
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	<0.025	0.0065			
	Antimony (Sb)-Dissolved (mg/L)	<0.0025	<0.00050			
	Arsenic (As)-Dissolved (mg/L)	<0.0025	<0.00050			
	Barium (Ba)-Dissolved (mg/L)	0.061	0.075			
	Beryllium (Be)-Dissolved (mg/L)	<0.0050	<0.0010			
	Boron (B)-Dissolved (mg/L)	<0.10	<0.10			
	Cadmium (Cd)-Dissolved (mg/L)	0.000197	<0.000017			
	Calcium (Ca)-Dissolved (mg/L)	261	50.2			
	Chromium (Cr)-Dissolved (mg/L)	<0.0050	<0.0010			
	Cobalt (Co)-Dissolved (mg/L)	<0.0015	0.00053			
	Copper (Cu)-Dissolved (mg/L)	<0.0050	<0.0010			
	Iron (Fe)-Dissolved (mg/L)	<0.030	0.876			
	Lead (Pb)-Dissolved (mg/L)	<0.0025	<0.00050			
	Lithium (Li)-Dissolved (mg/L)	<0.025	<0.0050			
	Magnesium (Mg)-Dissolved (mg/L)	156	9.10			
	Manganese (Mn)-Dissolved (mg/L)	<0.0015	0.724			
	Mercury (Hg)-Dissolved (mg/L)	<0.000020	<0.000020			
	Molybdenum (Mo)-Dissolved (mg/L)	<0.0050	0.0018			
	Nickel (Ni)-Dissolved (mg/L)	<0.0050	0.0037			
	Potassium (K)-Dissolved (mg/L)	3.6	<2.0			
	Selenium (Se)-Dissolved (mg/L)	<0.0050	<0.0010			
	Silver (Ag)-Dissolved (mg/L)	<0.00010	<0.000020			
	Sodium (Na)-Dissolved (mg/L)	7.7	2.7			
	Thallium (Tl)-Dissolved (mg/L)	<0.0010	<0.00020			
	Tin (Sn)-Dissolved (mg/L)	<0.0025	<0.00050			
	Titanium (Ti)-Dissolved (mg/L)	<0.010	<0.010			
	Uranium (U)-Dissolved (mg/L)	0.0266	0.00325			
	Vanadium (V)-Dissolved (mg/L)	<0.0050	<0.0010			
	Zinc (Zn)-Dissolved (mg/L)	0.0061	0.0096			

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
ALK-COL-VA	Water	Alkalinity by Colourimetric (Automated)	APHA 310.2

This analysis is carried out using procedures adapted from EPA Method 310.2 "Alkalinity". Total Alkalinity is determined using the methyl orange colourimetric method.

ALK-PCT-VA	Water	Alkalinity by Auto. Titration	APHA 2320 "Alkalinity"

This analysis is carried out using procedures adapted from APHA Method 2320 "Alkalinity". Total alkalinity is determined by potentiometric titration to a pH 4.5 endpoint. Bicarbonate, carbonate and hydroxide alkalinity are calculated from phenolphthalein alkalinity and total alkalinity values.

ANIONS-CL-IC-VA	Water	Chloride by Ion Chromatography	APHA 4110 "Determination of Anions by IC

This analysis is carried out using procedures adapted from APHA Method 4110 "Determination of Anions by Ion Chromatography" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Anions routinely determined by this method include: bromide, chloride, fluoride, nitrate, nitrite and sulphate.

ANIONS-SO4-IC-VA	Water	Sulfate by Ion Chromatography	APHA 4110 "Determination of Anions by IC

This analysis is carried out using procedures adapted from APHA Method 4110 "Determination of Anions by Ion Chromatography" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Anions routinely determined by this method include: bromide, chloride, fluoride, nitrate, nitrite and sulphate.

EC-PCT-VA	Water	Conductivity (Automated)	APHA 2510 Auto. Conduc.

This analysis is carried out using procedures adapted from APHA Method 2510 "Conductivity". Conductivity is determined using a conductivity electrode.

HARDNESS-CALC-VA	Water	Hardness	APHA 2340B

Hardness is calculated from Calcium and Magnesium concentrations, and is expressed as calcium carbonate equivalents.

HG-DIS-CCME-CVAFS-VA	Water	Diss. Mercury in Water by CVAFS (CCME)	EPA 3005A/245.7

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by filtration (EPA Method 3005A) and involves a cold-oxidation of the acidified sample using bromine monochloride prior to reduction of the sample with stannous chloride. Instrumental analysis is by cold vapour atomic fluorescence spectrophotometry (EPA Method 245.7).

IONBALANCE-VA	Water	Ion Balance Calculation	APHA 1030E

Cation Sum, Anion Sum, and Ion Balance (as % difference) are calculated based on guidance from APHA Standard Methods (1030E Checking Correctness of Analysis). Because all aqueous solutions are electrically neutral, the calculated ion balance (% difference of cations minus anions) should be near-zero.

Cation and Anion Sums are the total meq/L concentration of major cations and anions. Dissolved species are used where available. Minor ions are included where data is present. Ion Balance is calculated as:

Ion Balance (%) = [Cation Sum-Anion Sum] / [Cation Sum+Anion Sum]

MET-DIS-CCME-ICP-VA	Water	Diss. Metals in Water by ICPOES (CCME)	EPA SW-846 3005A/6010B

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - optical emission spectrophotometry (EPA Method 6010B).

MET-DIS-CCME-MS-VA	Water	Diss. Metals in Water by ICPMS (CCME)	EPA SW-846 3005A/6020A

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - mass spectrometry (EPA Method

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
6020A).			
PH-PCT-VA	Water	pH by Meter (Automated)	APHA 4500-H "pH Value"

This analysis is carried out using procedures adapted from APHA Method 4500-H "pH Value". The pH is determined in the laboratory using a pH electrode

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.
The last two letters of the above ALS Test Code column 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
VA	ALS LABORATORY GROUP - VANCOUVER, BC, CANADA		

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 enviromental 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.
mg/kg (units) - unit of concentration based on mass, parts per million
mg/L (units) - unit of concentration based on volume, parts per million
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.
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
ANALYTICAL CHEMISTRY & TESTING SERVICES
Environmental Division

Chain of Custody / Analytical Request Form
Canada Toll Free: 1 800 668 9878
www.alsglobal.com

COC # GLL Faro 2008-15

Page 1 of 1

Report to:	**Report Format / Distribution**	**Service Requested:**
Company: Gartner Lee Ltd	☑ Standard ☐ Other	☑ Regular Service (Default)
Contact: Kari Wolosyn	☑ PDF ☑ Excel ☐ Fax	☐ Rush Service (2-3 Days)
Address: 2251 2nd Ave, Whitehorse, YT	Email 1: Kwolosyn @gartnerlee.com	☐ Priority Service (1 Day or ASAP)
	Email 2: kbabyn @gartnerlee.com	☐ Emergency Service (<1 Day / Wkend) - Contact ALS
Phone: 867-633-6474 Fax:		**Analysis Request**
Invoice To: ☑ Same as Report	Indicate Bottles: Filtered / Preserved (F/P) →	
Company:	**Client / Project Information:**	
Contact:	Job #: 70549 ~~80601~~ FARO Mine	
Address:	PO/AFE:	
Sample	Legal Site Description: Faro Mine	
Phone: 780-428-3465 Fax:	Quote #:	
Lab Work Order # (lab use only): L639481	**ALS Contact:** Natasha MM	**Sampler** (Initials):

Sample #	Sample Identification (This description will appear on the report)	Date dd-mmm-yy	Time hh:mm	Sample Type (Select from drop-down list)	pH, Conductivity	Total Alkalinity	Sulphate	Chloride	D-Metals - CCME (Full)	D-Metals (Reduced List *note)	ION BALANCE				Hazardous?	Highly Contaminated?	Number of Containers
	~~BH10A~~	5-Jun-08		Water	X	X	X	X	X		X						2
	BH10B	5-Jun-08		Water	X	X	X	X	X		X						2
	SRK05-05C	4-Jun-08		Water	X	X	X	X	X		X						2
	SRK05-07	5-Jun-08		Water	X	X	X	X	X		X						2
	SRK05-08	4-Jun-08		Water	X	X	X	X	X		X						2
	SRK05-09	4-Jun-08		Water	X	X	X	X	X		X						2
	13-86	5-Jun-08		Water	X	X	X	X	X		X						2
				Water													
				Water													
				Water													

Guidelines / Regulations	**Special Instructions / Hazardous Details**
CCME Aquatic Life	Please make sure Zn dl is 0.005mg/L.| Ion Balance needs to be reproted.| *GAR250-MET-D-FARO-VA(1)(Reduced list)

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 adjacent worksheet.

Relinquished By:	Date & Time:	Received By:	Date & Time:	Sample Condition (lab use only)
K. Wolosyn	June 6, 2008 14:30	ZY	June 9, 08	Temperature: 2
Relinquished By:	Date & Time:	Received By:	Date & Time:	Samples Received in Good Condition? (Y) N (if no provided details)
			9:28	

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

ANALYTICAL REPORT

GARTNER LEE LTD.

ATTN: KAI WOLOSHYN

2251 2ND AVENUE

WHITEHORSE YT Y1A 5W1

Reported On: 19-JUN-08 10:10 AM

Lab Work Order #: **L639489** **Date Received:** **09-JUN-08**

Project P.O. #:
Job Reference: 70505 FARO MINE
Legal Site Desc: FARO MINE
CofC Numbers:

Other Information:

Comments: Please note that certain Anions as well as certain Metals detection limits have been increased for some of the samples due to the interferences encountered during the analysis.

Joyce Chow
General Manager, Vancouver

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

NATASHA MARKOVIC-MIROVIC

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 ID	L639489-1	L639489-2	L639489-3	L639489-4	L639489-5
	Description					
	Sampled Date	04-JUN-08	04-JUN-08	04-JUN-08	04-JUN-08	04-JUN-08
	Sampled Time					
	Client ID	V34	V35	V36	V36-5	V37
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	15.5	36.3	14.5	14.5	9.8
	Cation Sum (meq/L)	15.7	34.4	15.1	15.2	10.0
	Cation - Anion Balance (%)	0.7	-2.7	2.0	2.4	0.9
	Hardness (as CaCO3) (mg/L)	767	1700	740	742	445
	Conductivity (uS/cm)	1220	2590	1190	1190	824
	pH (pH)	7.96	7.65	7.72	7.70	8.02
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	600	595	403	395	421
	Chloride (Cl) (mg/L)	2.04	<50	<0.50	<0.50	<0.50
	Sulfate (SO4) (mg/L)	166	1170	312	315	68.8
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	<0.025	<0.025	<0.010	<0.010	<0.010
	Antimony (Sb)-Dissolved (mg/L)	<0.0025	<0.0025	<0.0010	<0.0010	<0.0010
	Arsenic (As)-Dissolved (mg/L)	<0.0025	<0.0025	0.0025	0.0019	0.0015
	Barium (Ba)-Dissolved (mg/L)	0.156	<0.020	<0.020	<0.020	0.143
	Beryllium (Be)-Dissolved (mg/L)	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020
	Boron (B)-Dissolved (mg/L)	<0.10	<0.10	<0.10	<0.10	<0.10
	Cadmium (Cd)-Dissolved (mg/L)	<0.000085	<0.000085	0.000118	0.000117	0.000056
	Calcium (Ca)-Dissolved (mg/L)	112	350	157	158	60.2
	Chromium (Cr)-Dissolved (mg/L)	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020
	Cobalt (Co)-Dissolved (mg/L)	<0.0015	<0.0015	<0.00060	<0.00060	<0.00060
	Copper (Cu)-Dissolved (mg/L)	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020
	Iron (Fe)-Dissolved (mg/L)	<0.030	<0.030	<0.030	<0.030	0.382
	Lead (Pb)-Dissolved (mg/L)	<0.0025	<0.0025	<0.0010	<0.0010	<0.0010
	Lithium (Li)-Dissolved (mg/L)	<0.025	<0.025	0.030	0.030	0.025
	Magnesium (Mg)-Dissolved (mg/L)	119	200	84.5	84.5	71.5
	Manganese (Mn)-Dissolved (mg/L)	0.0885	0.0290	0.00212	0.00119	0.0658
	Mercury (Hg)-Dissolved (mg/L)	<0.000020	<0.000020	<0.000020	<0.000020	<0.000020
	Molybdenum (Mo)-Dissolved (mg/L)	<0.0050	<0.0050	<0.0020	<0.0020	0.0184
	Nickel (Ni)-Dissolved (mg/L)	<0.0050	0.0061	0.0036	0.0037	<0.0020
	Potassium (K)-Dissolved (mg/L)	4.0	4.4	3.3	3.4	6.2
	Selenium (Se)-Dissolved (mg/L)	<0.0050	<0.0050	0.0064	0.0063	<0.0020
	Silver (Ag)-Dissolved (mg/L)	<0.00010	<0.00010	<0.000040	<0.000040	<0.000040
	Sodium (Na)-Dissolved (mg/L)	6.8	8.1	6.2	6.2	22.5
	Thallium (Tl)-Dissolved (mg/L)	<0.0010	<0.0010	<0.00040	<0.00040	<0.00040
	Tin (Sn)-Dissolved (mg/L)	<0.0025	<0.0025	<0.0010	<0.0010	<0.0010
	Titanium (Ti)-Dissolved (mg/L)	<0.010	<0.010	<0.010	<0.010	<0.010
	Uranium (U)-Dissolved (mg/L)	0.0135	0.0810	0.0134	0.0131	0.00058
	Vanadium (V)-Dissolved (mg/L)	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020
	Zinc (Zn)-Dissolved (mg/L)	<0.0050	0.0063	0.0240	0.0255	0.0055

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L639489-6	L639489-7	L639489-8	L639489-9	L639489-10
	Description					
	Sampled Date	04-JUN-08	04-JUN-08	05-JUN-08	04-JUN-08	04-JUN-08
	Sampled Time					
	Client ID	P90-9A	P90-9R	P96-6	P2001-02A	P2001-02B
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	33.5	6.4	16.1	15.5	15.3
	Cation Sum (meq/L)	35.1	6.7	16.5	16.2	16.0
	Cation - Anion Balance (%)	2.4	2.1	1.3	2.1	2.3
	Hardness (as CaCO3) (mg/L)	1730	222	799	790	771
	Conductivity (uS/cm)	2490	623	1330	1260	1240
	pH (pH)	7.34	8.05	6.50	7.80	7.76
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	261	152	414	442	447
	Chloride (Cl) (mg/L)	<50	1.19	0.67	1.44	1.44
	Sulfate (SO4) (mg/L)	1360	162	374	318	302
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	<0.025	0.0112	<0.025	<0.010	<0.010
	Antimony (Sb)-Dissolved (mg/L)	<0.0025	<0.00050	<0.0025	<0.0010	<0.0010
	Arsenic (As)-Dissolved (mg/L)	<0.0025	0.0198	<0.0025	0.0148	0.0155
	Barium (Ba)-Dissolved (mg/L)	0.042	<0.020	0.027	0.020	0.024
	Beryllium (Be)-Dissolved (mg/L)	<0.0050	<0.0010	<0.0050	<0.0020	<0.0020
	Boron (B)-Dissolved (mg/L)	<0.10	<0.10	<0.10	<0.10	<0.10
	Cadmium (Cd)-Dissolved (mg/L)	0.000814	0.000038	0.000447	<0.000034	<0.000034
	Calcium (Ca)-Dissolved (mg/L)	303	50.7	208	178	174
	Chromium (Cr)-Dissolved (mg/L)	<0.0050	<0.0010	<0.0050	<0.0020	<0.0020
	Cobalt (Co)-Dissolved (mg/L)	0.0034	<0.00030	<0.0015	0.00079	<0.00060
	Copper (Cu)-Dissolved (mg/L)	<0.0050	<0.0010	<0.0050	<0.0020	<0.0020
	Iron (Fe)-Dissolved (mg/L)	0.165	0.761	<0.030	0.580	2.28
	Lead (Pb)-Dissolved (mg/L)	<0.0025	0.00667	<0.0025	<0.0010	<0.0010
	Lithium (Li)-Dissolved (mg/L)	<0.025	0.0224	0.049	0.028	0.027
	Magnesium (Mg)-Dissolved (mg/L)	235	23.2	67.6	83.7	82.0
	Manganese (Mn)-Dissolved (mg/L)	0.859	0.0960	0.0215	0.121	0.236
	Mercury (Hg)-Dissolved (mg/L)	<0.000020	<0.000020	<0.000020	<0.000020	<0.000020
	Molybdenum (Mo)-Dissolved (mg/L)	<0.0050	0.0107	<0.0050	<0.0020	<0.0020
	Nickel (Ni)-Dissolved (mg/L)	0.0122	<0.0010	0.0352	0.0062	<0.0020
	Potassium (K)-Dissolved (mg/L)	4.2	2.0	4.6	3.9	4.4
	Selenium (Se)-Dissolved (mg/L)	<0.0050	<0.0010	<0.0050	<0.0020	<0.0020
	Silver (Ag)-Dissolved (mg/L)	<0.00010	<0.000020	<0.00010	<0.000040	<0.000040
	Sodium (Na)-Dissolved (mg/L)	11.3	50.6	8.7	5.9	9.0
	Thallium (Tl)-Dissolved (mg/L)	<0.0010	<0.00020	<0.0010	<0.00040	<0.00040
	Tin (Sn)-Dissolved (mg/L)	<0.0025	<0.00050	<0.0025	<0.0010	<0.0010
	Titanium (Ti)-Dissolved (mg/L)	<0.010	<0.010	<0.010	<0.010	<0.010
	Uranium (U)-Dissolved (mg/L)	0.0163	0.00076	0.0205	0.0201	0.0147
	Vanadium (V)-Dissolved (mg/L)	<0.0050	<0.0010	<0.0050	<0.0020	<0.0020
	Zinc (Zn)-Dissolved (mg/L)	0.0136	<0.0050	1.14	<0.0050	0.0075

ALS LABORATORY GROUP ANALYTICAL REPORT

	Sample ID	L639489-11	L639489-12	L639489-13	L639489-14	
	Description					
	Sampled Date	04-JUN-08	05-JUN-08	05-JUN-08	05-JUN-08	
	Sampled Time					
	Client ID	P2001-3	X21A-96	X21R-96	X21B-96	
Grouping	**Analyte**					
WATER						
Physical Tests	Anion Sum (meq/L)	11.4	205	210	20.8	
	Cation Sum (meq/L)	11.5	231	231	22.9	
	Cation - Anion Balance (%)	0.8	6.0	4.8	4.9	
	Hardness (as CaCO3) (mg/L)	494	2400	2380	795	
	Conductivity (uS/cm)	949	10800	10500	1760	
	pH (pH)	7.93	4.48	4.35	6.73	
Anions and Nutrients	Alkalinity, Total (as CaCO3) (mg/L)	411	<2.0	<2.0	136	
	Chloride (Cl) (mg/L)	0.53	<2500	<2500	<50	
	Sulfate (SO4) (mg/L)	150	9800	10100	867	
Dissolved Metals	Aluminum (Al)-Dissolved (mg/L)	<0.010	<0.50	<0.50	<0.025	
	Antimony (Sb)-Dissolved (mg/L)	<0.0010	<0.050	<0.050	<0.0025	
	Arsenic (As)-Dissolved (mg/L)	0.0029	<0.050	<0.050	0.0062	
	Barium (Ba)-Dissolved (mg/L)	0.034	<0.10	<0.10	<0.020	
	Beryllium (Be)-Dissolved (mg/L)	<0.0020	<0.10	<0.10	<0.0050	
	Boron (B)-Dissolved (mg/L)	<0.10	<0.50	<0.50	<0.10	
	Cadmium (Cd)-Dissolved (mg/L)	0.00143	<0.0017	<0.0017	0.000109	
	Calcium (Ca)-Dissolved (mg/L)	99.5	275	273	238	
	Chromium (Cr)-Dissolved (mg/L)	<0.0020	<0.10	<0.10	<0.0050	
	Cobalt (Co)-Dissolved (mg/L)	0.00063	<0.030	<0.030	0.0109	
	Copper (Cu)-Dissolved (mg/L)	0.0036	<0.10	<0.10	<0.0050	
	Iron (Fe)-Dissolved (mg/L)	<0.030	4720	4760	90.6	
	Lead (Pb)-Dissolved (mg/L)	<0.0010	<0.050	<0.050	<0.0025	
	Lithium (Li)-Dissolved (mg/L)	0.014	<0.50	<0.50	<0.025	
	Magnesium (Mg)-Dissolved (mg/L)	59.5	416	413	48.6	
	Manganese (Mn)-Dissolved (mg/L)	0.276	278	270	23.3	
	Mercury (Hg)-Dissolved (mg/L)	<0.000020	<0.000020	<0.000020	<0.000020	
	Molybdenum (Mo)-Dissolved (mg/L)	0.0164	<0.10	<0.10	<0.0050	
	Nickel (Ni)-Dissolved (mg/L)	0.0033	<0.10	<0.10	0.0164	
	Potassium (K)-Dissolved (mg/L)	3.6	<10	<10	4.5	
	Selenium (Se)-Dissolved (mg/L)	<0.0020	<0.10	<0.10	<0.0050	
	Silver (Ag)-Dissolved (mg/L)	<0.000040	<0.0020	<0.0020	<0.00010	
	Sodium (Na)-Dissolved (mg/L)	36.1	64	64	63.7	
	Thallium (Tl)-Dissolved (mg/L)	<0.00040	<0.020	<0.020	<0.0010	
	Tin (Sn)-Dissolved (mg/L)	<0.0010	<0.050	<0.050	<0.0025	
	Titanium (Ti)-Dissolved (mg/L)	<0.010	<0.050	<0.050	<0.010	
	Uranium (U)-Dissolved (mg/L)	0.00976	<0.020	<0.020	0.0028	
	Vanadium (V)-Dissolved (mg/L)	<0.0020	<0.10	<0.10	<0.0050	
	Zinc (Zn)-Dissolved (mg/L)	0.0086	29.5	28.0	0.206	

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
ALK-COL-VA	Water	Alkalinity by Colourimetric (Automated)	APHA 310.2

This analysis is carried out using procedures adapted from EPA Method 310.2 "Alkalinity". Total Alkalinity is determined using the methyl orange colourimetric method.

ALK-PCT-VA	Water	Alkalinity by Auto. Titration	APHA 2320 "Alkalinity"

This analysis is carried out using procedures adapted from APHA Method 2320 "Alkalinity". Total alkalinity is determined by potentiometric titration to a pH 4.5 endpoint. Bicarbonate, carbonate and hydroxide alkalinity are calculated from phenolphthalein alkalinity and total alkalinity values.

ANIONS-CL-IC-VA	Water	Chloride by Ion Chromatography	APHA 4110 "Determination of Anions by IC

This analysis is carried out using procedures adapted from APHA Method 4110 "Determination of Anions by Ion Chromatography" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Anions routinely determined by this method include: bromide, chloride, fluoride, nitrate, nitrite and sulphate.

ANIONS-SO4-IC-VA	Water	Sulfate by Ion Chromatography	APHA 4110 "Determination of Anions by IC

This analysis is carried out using procedures adapted from APHA Method 4110 "Determination of Anions by Ion Chromatography" and EPA Method 300.0 "Determination of Inorganic Anions by Ion Chromatography". Anions routinely determined by this method include: bromide, chloride, fluoride, nitrate, nitrite and sulphate.

EC-PCT-VA	Water	Conductivity (Automated)	APHA 2510 Auto. Conduc.

This analysis is carried out using procedures adapted from APHA Method 2510 "Conductivity". Conductivity is determined using a conductivity electrode.

HARDNESS-CALC-VA	Water	Hardness	APHA 2340B

Hardness is calculated from Calcium and Magnesium concentrations, and is expressed as calcium carbonate equivalents.

HG-DIS-CCME-CVAFS-VA	Water	Diss. Mercury in Water by CVAFS (CCME)	EPA 3005A/245.7

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by filtration (EPA Method 3005A) and involves a cold-oxidation of the acidified sample using bromine monochloride prior to reduction of the sample with stannous chloride. Instrumental analysis is by cold vapour atomic fluorescence spectrophotometry (EPA Method 245.7).

IONBALANCE-VA	Water	Ion Balance Calculation	APHA 1030E

Cation Sum, Anion Sum, and Ion Balance (as % difference) are calculated based on guidance from APHA Standard Methods (1030E Checking Correctness of Analysis). Because all aqueous solutions are electrically neutral, the calculated ion balance (% difference of cations minus anions) should be near-zero.

Cation and Anion Sums are the total meq/L concentration of major cations and anions. Dissolved species are used where available. Minor ions are included where data is present. Ion Balance is calculated as:

Ion Balance (%) = [Cation Sum-Anion Sum] / [Cation Sum+Anion Sum]

MET-DIS-CCME-ICP-VA	Water	Diss. Metals in Water by ICPOES (CCME)	EPA SW-846 3005A/6010B

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - optical emission spectrophotometry (EPA Method 6010B).

MET-DIS-CCME-MS-VA	Water	Diss. Metals in Water by ICPMS (CCME)	EPA SW-846 3005A/6020A

This analysis is carried out using procedures adapted from "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, and with procedures adapted from "Test Methods for Evaluating Solid Waste" SW-846 published by the United States Environmental Protection Agency (EPA). The procedures may involve preliminary sample treatment by acid digestion, using either hotblock or microwave oven, or filtration (EPA Method 3005A). Instrumental analysis is by inductively coupled plasma - mass spectrometry (EPA Method

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
6020A).			
PH-PCT-VA	Water	pH by Meter (Automated)	APHA 4500-H "pH Value"

This analysis is carried out using procedures adapted from APHA Method 4500-H "pH Value". The pH is determined in the laboratory using a pH electrode

** Laboratory Methods employed follow in-house procedures, which are generally based on nationally or internationally accepted methodologies.
The last two letters of the above ALS Test Code column 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
VA	ALS LABORATORY GROUP - VANCOUVER, BC, CANADA		

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 enviromental 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.
mg/kg (units) - unit of concentration based on mass, parts per million
mg/L (units) - unit of concentration based on volume, parts per million
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.
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
ANALYTICAL CHEMISTRY & TESTING SERVICES
Environmental Division

Chain of Custody / Analytical Request Form
Canada Toll Free: 1 800 668 9878
www.alsglobal.com

COC # GLL Faro 2008-13
Page 1 of 2

Report to:	Report Format / Distribution	Service Requested:
Company: Gartner Lee Ltd	☑ Standard ☐ Other	☑ Regular Service (Default)
Contact: Kai Wolotshyn	☑ PDF ☑ Excel ☐ Fax	☐ Rush Service (2-3 Days)
Address: 2251 2nd Ave, Whitehorse, YT	Email 1: Kwolotshyn @gartnerlee.com	☐ Priority Service (1 Day or ASAP)
	Email 2: kbabyn @gartnerlee.com	☐ Emergency Service (<1 Day / Wkend) - Contact ALS
Phone: 867-633-6474 Fax:		Analysis Request
Invoice To: ☑ Same as Report	Indicate Bottles: Filtered / Preserved (F/P) →→	F/P
Company:	**Client / Project Information:**	
Contact:	Job #: 70505 ~~60601~~ FARO Mine	
Address:	PO/AFE:	
Sample	Legal Site Description: Faro mine	
Phone: 780-428-3465 Fax:	Quote #:	
Lab Work Order # (lab use only): L639489	**ALS Contact:** Natasha MM	**Sampler** (Initials): KW, DK, LF

Sample #	Sample Identification (This description will appear on the report)	Date dd-mmm-yy	Time hh:mm	Sample Type (Select from drop-down list)	pH, Conductivity	Total Alkalinity	Sulphate	Chloride	D-Metals - CCME (Full)	D-Metals (Reduced List *note)	ION BALANCE				Hazardous?	Highly Contaminated?	Number of Containers
	V34	04-Jun-08		Water	X	X	X	X	X		X						2
	V35			Water	X	X	X	X	X		X						2
	V36			Water	X	X	X	X	X		X						2
	V36-S			Water	X	X	X	X	X		X						2
	V37			Water	X	X	X	X	X		X						2
	P96-9A			Water	X	X	X	X	X		X						2
	BH03-9B-R			Water	X	X	X	X	X		X						2
	P96-6	05-Jun-08		Water	X	X	X	X	X		X						2
				Water													
				Water													

Guidelines / Regulations	Special Instructions / Hazardous Details
CCME Aquatic Life	Please make sure Zn dl is 0.005mg/L.| Ion Balance needs to be reproted.| *GAR250-MET-D-FARO-VA(1)(Reduced list)

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 adjacent worksheet.

Relinquished By:	Date & Time:	Received By:	Date & Time:	Sample Condition (lab use only)
K. Wolotshyn	June 6, 2008 14:30	ZH	June 9, 08	Temperature: 2
			9:28	Samples Received in Good Condition? (Y) N (if no provided details)

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES
Environmental Division

Chain of Custody / Analytical Request Form
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www.alsglobal.com

COC # GLL Faro 2004 - 14
Page 2 of 2

Report to:		Report Format / Distribution		Service Requested:	
Company:	Gartner Lee Ltd	☑ Standard ☐ Other		☑	Regular Service (Default)
Contact:	Kai Wolosyn	☑ PDF ☑ Excel ☐ Fax		☐	Rush Service (2-3 Days)
Address:	2251 2nd Ave, Whitehorse, YT	Email 1: Kwolosyn	@gartnerlee.com	☐	Priority Service (1 Day or ASAP)
		Email 2: Rbabyn	@gartnerlee.com	☐	Emergency Service (<1 Day / Wkend) - Contact ALS
Phone:	867-633-6474 Fax:			Analysis Request	
Invoice To:	☑ Same as Report	Indicate Bottles: Filtered / Preserved (F/P) →		F/P	
Company:		**Client / Project Information:**			
Contact:		Job #: 7005 ~~6000~~ FARO Mine			
Address:		PO/AFE:			
Sample		Legal Site Description: Faro Mine			
Phone:	780-428-3465 Fax:	Quote #:			
Lab Work Order # (lab use only)		**ALS Contact:** Natasha MM	**Sampler** (Initials):		

Sample #	Sample Identification (This description will appear on the report)	Date dd-mmm-yy	Time hh:mm	Sample Type (Select from drop-down list)	pH, Conductivity	Total Alkalinity	Sulphate	Chloride	D-Metals - CCME (Full)	D-Metals (Reduced List *note)	ION BALANCE	Hazardous?	Highly Contaminated?	Number of Containers
	P2001-02A	4-Sep-04		Water	X	X	X	X	X		X			
	P2001-02B	↓		Water	X	X	X	X	X		X			
	P2001-03			Water	X	X	X	X	X		X			
	24A-96	5-Sep-04		Water	X	X	X	X	X		X			
	24AR-96	↓		Water	X	X	X	X	X		X			
	24B-96			Water	X	X	X	X	X		X			
				Water										
				Water										
				Water										
				Water										

Guidelines / Regulations	Special Instructions / Hazardous Details
CCME Aquatic Life	Please make sure Zn dl is 0.005mg/L.| Ion Balance needs to be reproted.| *GAR250-MET-D-FARO-VA(1)(Reduced list)

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 adjacent worksheet.

Relinquished By:	K. Wolosyn	Date & Time:	Sun 6, 2004 14:30	Received By:		Date & Time:	
Relinquished By:		Date & Time:		Received By:		Date & Time:	

Sample Condition (lab use only)	
Temperature	Samples Received in Good Condition? Y / N (if no provided details)

Your P.O. #: 80632
Your Project #: 80632 FARO AMP
Site: FARO MINE
Your C.O.C. #: 29686-08, 29686-12, 29686-10

Attention: Kai Woloshyn
GARTNER LEE LTD.
2251 - 2nd AVENUE
WHITEHORSE, YT
CANADA Y1A 5W1

Report Date: 2008/08/28

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A841755
Received: 2008/08/15, 14:45

Sample Matrix: Water
Samples Received: 25

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity - Water	24	2008/08/19	2008/08/19	BRN SOP-00264 R2.0	Based on SM2320B
Alkalinity - Water	1	2008/08/19	2008/08/20	BRN SOP-00264 R2.0	Based on SM2320B
Chloride by Automated Colourimetry	25	N/A	2008/08/20	BRN-SOP 00234 R1.0	Based on EPA 325.2
Conductance - water	24	N/A	2008/08/19	BRN SOP-00264 R2.0	Based on SM-2510B
Conductance - water	1	N/A	2008/08/20	BRN SOP-00264 R2.0	Based on SM-2510B
Hardness (calculated as CaCO3)	25	N/A	2008/08/22		
Ion Balance	25	N/A	2008/08/22		
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	19	N/A	2008/08/21	BRN SOP-00206	Based on EPA 200.8
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	6	N/A	2008/08/22	BRN SOP-00206	Based on EPA 200.8
Elements by ICPMS Low Level (dissolved) (1)	19	N/A	2008/08/21	BRN SOP-00206	Based on EPA 200.8
Elements by ICPMS Low Level (dissolved) (1)	5	N/A	2008/08/22	BRN SOP-00206	Based on EPA 200.8
Filter and HNO3 Preserve for Metals	25	N/A	2008/08/19	BRN WI-00006 R1.0	Based on EPA 200.2
pH Water	24	N/A	2008/08/19	BRN SOP-00264 R2.0	Based on SM-4500H+B
pH Water	1	N/A	2008/08/20	BRN SOP-00264 R2.0	Based on SM-4500H+B
Sulphate by Automated Colourimetry	25	N/A	2008/08/20	BRN-SOP 00243 R1.0	Based on EPA 375.4

* Results relate only to the items tested.

(1) SCC/CAEAL

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

ROB MACARTHUR, BBY Customer Service
Email: rob.macarthur@maxxamanalytics.com
Phone# (604) 444-4808 Ext:253

==========

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CAEAL have approved this reporting process and electronic report format.

Total cover pages: 1

Maxxam Job #: A841755
Report Date: 2008/08/28

GARTNER LEE LTD.
Client Project #: 80632 FARO AMP
Site Reference: FARO MINE
Your P.O. #: 80632
Sampler Initials: KW

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		L16742		L16743		L16744		L16745	L16746	L16747		L16748		
Sampling Date		2008/08/12		2008/08/12		2008/08/12		2008/08/12	2008/08/12	2008/08/12		2008/08/12		
	Units	**P03-04-02**	**RDL**	**P03-04-04**	**RDL**	**P03-04-06**	**RDL**	**P03-08-02**	**P03-08-03**	**P03-08-04**	**RDL**	**P03-08-05**	**RDL**	**QC Batch**
Preparation														
Filter and HNO3 Preservation	N/A	FIELD	N/A	FIELD	N/A	FIELD	N/A	FIELD	FIELD	FIELD	N/A	FIELD	N/A	ONSITE
Calculated Parameters														
Ion Balance	N/A	1.1	0.01	1.1	0.01	1.0	0.01	0.87	1.0	1.2	0.01	1.1	0.01	2513872
Misc. Inorganics														
Alkalinity (Total as CaCO3)	mg/L	120	0.5	200	0.5	13	0.5	240	300	300	0.5	290	0.5	2517677
Anions														
Dissolved Sulphate (SO4)	mg/L	780	50	480	5	3900	50	90	230	460	5	920	50	2520216
Dissolved Chloride (Cl)	mg/L	0.9	0.5	1.3	0.5	1.9	0.5	0.8	1.0	1.5	0.5	7.0	0.5	2520205
Physical Properties														
Conductivity	uS/cm	1500	1	1200	1	4800	1	560	920	1300	1	2100	1	2517603
pH	pH Units	6.9		7.7		5.6		7.8	7.8	7.5		7.5		2517474

Maxxam ID		L16749			L16750	L16751		L16753	L16754	L16755		
Sampling Date		2008/08/12			2008/08/12	2008/08/12		2008/08/12	2008/08/12	2008/08/12		
	Units	**TRIP BLANK**	**RDL**	**QC Batch**	**X25A-96-S**	**P03-09-02**	**RDL**	**P03-09-04**	**P03-09-06**	**P03-09-07**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	LAB	N/A	2519512	FIELD	FIELD	N/A	FIELD	FIELD	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	NC(1)	0.01	2513872	1.1	1.1	0.01	1.1	1.2	1.1	0.01	2513872
Misc. Inorganics												
Dissolved Hardness (CaCO3)	mg/L	<0.5	0.5	2512866								
Alkalinity (Total as CaCO3)	mg/L	<0.5	0.5	2517677	260	320	0.5	290	280	280	0.5	2517677
Anions												
Dissolved Sulphate (SO4)	mg/L	3.6	0.5	2520216	350	420	5	600	490(2)	630	50	2520216
Dissolved Chloride (Cl)	mg/L	<0.5	0.5	2520205	1.0	2.8	0.5	1.8	2.0	1.9	0.5	2520205
Physical Properties												
Conductivity	uS/cm	2	1	2517603	1100	1300	1	1500	1300	1500	1	2517603
pH	pH Units	4.9		2517474	7.8	7.8		7.8	7.8	7.8		2517474

N/A = Not Applicable
NC = Non-calculable
RDL = Reportable Detection Limit
(1) - Ion balance could not be calculated due to extremely low TDS.
(2) - Detection limits raised due to matrix interference

Maxxam Job #: A841755
Report Date: 2008/08/28

GARTNER LEE LTD.
Client Project #: 80632 FARO AMP
Site Reference: FARO MINE
Your P.O. #: 80632
Sampler Initials: KW

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		L16756			L16757			L16758		L16759		
Sampling Date		2008/08/12			2008/08/12			2008/08/12		2008/08/12		
	Units	**P03-09-09**	**RDL**	**QC Batch**	**P03-09-10**	**RDL**	**QC Batch**	**X24A-96**	**QC Batch**	**X24D-96**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE	FIELD	ONSITE	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	1.2(1)	0.01	2513872	0.06	0.01	2513872	1.1	2513872	1.0	0.01	2513872
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	280	0.5	2517677	<0.5	0.5	2517677	350	2517677	410	0.5	2517677
Anions												
Dissolved Sulphate (SO4)	mg/L	550	50	2534303	2.5	0.5	2520216	1500	2534303	2100	50	2520216
Dissolved Chloride (Cl)	mg/L	1.8	0.5	2534284	0.6	0.5	2520205	3.8	2534284	3.7	0.5	2520205
Physical Properties												
Conductivity	uS/cm	1500	1	2517603	2	1	2517603	2800	2517603	3400	1	2517603
pH	pH Units	7.8		2517474	5.1		2517474	7.3	2517474	7.4		2517474

Maxxam ID		L16760	L16761		L16762		L16763		L16764	L16765		
Sampling Date		2008/08/12	2008/08/12		2008/08/13		2008/08/13		2008/08/13	2008/08/13		
	Units	**X25A-96**	**X25B-96**	**RDL**	**S1A**	**QC Batch**	**S1C**	**QC Batch**	**S2B**	**S3**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	FIELD	N/A	FIELD	ONSITE	FIELD	ONSITE	FIELD	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	1.1	1.1	0.01	1.0	2513872	1.3(1)	2513872	1.2	1.1	0.01	2513872
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	270	270	0.5	210	2517677	190	2517677	130	150	0.5	2517677
Anions												
Dissolved Sulphate (SO4)	mg/L	360	410	5	5200	2520216	4600	2534303	4800	5300	50	2520216
Dissolved Chloride (Cl)	mg/L	1.0	1.3	0.5	6.4	2520205	6.4	2534284	7.6	7.3	0.5	2520205
Physical Properties												
Conductivity	uS/cm	1100	1200	1	6500	2517603	6500	2517603	5700	6900	1	2517603
pH	pH Units	7.9	8.0		6.9	2517474	7.0	2517474	6.8	6.9		2517474

N/A = Not Applicable
RDL = Reportable Detection Limit
(1) - Cation anion balance investigated, data quality confirmed.

Maxxam Job #: A841755
Report Date: 2008/08/28

GARTNER LEE LTD.
Client Project #: 80632 FARO AMP
Site Reference: FARO MINE
Your P.O. #: 80632
Sampler Initials: KW

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		L16766	L16767		
Sampling Date		2008/08/13	2008/08/13		
	Units	**SRKOS-SP-4B**	**SRKOS-SP-5**	**RDL**	**QC Batch**
Preparation					
Filter and HNO3 Preservation	N/A	FIELD	FIELD	N/A	ONSITE
Calculated Parameters					
Ion Balance	N/A	1.1	1.2	0.01	2513872
Misc. Inorganics					
Alkalinity (Total as CaCO3)	mg/L	190	210	0.5	2517677
Anions					
Dissolved Sulphate (SO4)	mg/L	5000	4700	50	2520216
Dissolved Chloride (Cl)	mg/L	7.4	6.9	0.5	2520205
Physical Properties					
Conductivity	uS/cm	6800	6600	1	2517603
pH	pH Units	7.0	7.0		2517474

ELEMENTS BY ATOMIC SPECTROSCOPY (WATER)

Maxxam ID		L16749		
Sampling Date		2008/08/12		
	Units	**TRIP BLANK**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS				
Dissolved Calcium (Ca)	mg/L	<0.05	0.05	2524784
Dissolved Magnesium (Mg)	mg/L	<0.05	0.05	2524784

N/A = Not Applicable
RDL = Reportable Detection Limit

Maxxam Job #: A841755
Report Date: 2008/08/28

GARTNER LEE LTD.
Client Project #: 80632 FARO AMP
Site Reference: FARO MINE
Your P.O. #: 80632
Sampler Initials: KW

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L16742	L16743		L16744		L16745		L16746	L16747		
Sampling Date		2008/08/12	2008/08/12		2008/08/12		2008/08/12		2008/08/12	2008/08/12		
	Units	**P03-04-02**	**P03-04-04**	**RDL**	**P03-04-06**	**RDL**	**P03-08-02**	**RDL**	**P03-08-03**	**P03-08-04**	**RDL**	**QC Batch**
Misc. Inorganics												
Dissolved Hardness (CaCO3)	mg/L	949	552	0.5	1600	0.5	279	0.5	512	733	0.5	2512866
Dissolved Metals by ICPMS												
Dissolved Aluminum (Al)	mg/L	0.0037	0.0039	0.0002	0.005	0.004	0.006	0.001	0.0061	0.0044	0.0002	2516733
Dissolved Antimony (Sb)	mg/L	0.00003	0.00003	0.00002	<0.0004	0.0004	0.0001	0.0001	0.00007	0.00018	0.00002	2516733
Dissolved Arsenic (As)	mg/L	0.00031	0.00583	0.00002	0.0161	0.0004	0.0004	0.0001	0.00040	0.00127	0.00002	2516733
Dissolved Barium (Ba)	mg/L	0.0147	0.0519	0.00002	0.0075	0.0004	0.159	0.0001	0.166	0.0259	0.00002	2516733
Dissolved Beryllium (Be)	mg/L	0.00002	<0.00001	0.00001	<0.0002	0.0002	<0.00005	0.00005	<0.00001	0.00002	0.00001	2516733
Dissolved Bismuth (Bi)	mg/L	<0.000005	<0.000005	0.000005	<0.0001	0.0001	<0.00003	0.00003	<0.000005	<0.000005	0.000005	2516733
Dissolved Boron (B)	mg/L	<0.05	<0.05	0.05	<1	1	<0.3	0.3	<0.05	<0.05	0.05	2516733
Dissolved Cadmium (Cd)	mg/L	0.00191	<0.000005	0.000005	<0.0001	0.0001	<0.00003	0.00003	0.000029	0.000006	0.000005	2516733
Dissolved Chromium (Cr)	mg/L	<0.0001	0.0001	0.0001	<0.002	0.002	<0.0005	0.0005	0.0002	0.0009	0.0001	2516733
Dissolved Cobalt (Co)	mg/L	0.111	0.00344	0.000005	0.0376	0.0001	0.00053	0.00003	0.000385	0.000553	0.000005	2516733
Dissolved Copper (Cu)	mg/L	0.00016	0.00021	0.00005	<0.001	0.001	0.0017	0.0003	0.00341	0.00006	0.00005	2516733
Dissolved Iron (Fe)	mg/L	0.244	5.24	0.001	1250	0.02	0.067	0.005	0.051	36.6	0.001	2516733
Dissolved Lead (Pb)	mg/L	0.000084	0.000100	0.000005	<0.0001	0.0001	0.00006	0.00003	0.000063	0.000502	0.000005	2516733
Dissolved Lithium (Li)	mg/L	0.0151	0.0085	0.0005	0.04	0.01	<0.003	0.003	0.0031	0.0053	0.0005	2516733
Dissolved Manganese (Mn)	mg/L	34.7	5.58	0.00005	13.1	0.001	2.79	0.0003	8.87	3.44	0.00005	2516733
Dissolved Mercury (Hg)	mg/L	0.00001	<0.00001	0.00001	<0.0002	0.0002	<0.00005	0.00005	<0.00001	<0.00001	0.00001	2516733
Dissolved Molybdenum (Mo)	mg/L	0.00017	0.00166	0.00005	<0.001	0.001	0.0012	0.0003	0.00490	0.00811	0.00005	2516733
Dissolved Nickel (Ni)	mg/L	0.157	0.00270	0.00002	0.0911	0.0004	0.0151	0.0001	0.0307	0.00051	0.00002	2516733
Dissolved Phosphorus (P)	mg/L	<0.002	0.014	0.002	<0.04	0.04	<0.01	0.01	0.003	0.004	0.002	2516733
Dissolved Selenium (Se)	mg/L	<0.00004	<0.00004	0.00004	<0.0008	0.0008	<0.0002	0.0002	0.00007	<0.00004	0.00004	2516733
Dissolved Silicon (Si)	mg/L	13.9	6.9	0.1	10	2	3.5	0.5	6.2	6.5	0.1	2516733
Dissolved Silver (Ag)	mg/L	<0.000005	<0.000005	0.000005	0.0002	0.0001	<0.00003	0.00003	<0.000005	0.000009	0.000005	2516733
Dissolved Strontium (Sr)	mg/L	0.650	0.423	0.00005	1.72	0.001	0.259	0.0003	0.498	0.510	0.00005	2516733
Dissolved Thallium (Tl)	mg/L	0.000027	<0.000002	0.000002	0.00004	0.00004	0.00001	0.00001	0.000014	0.000003	0.000002	2516733
Dissolved Tin (Sn)	mg/L	<0.00001	<0.00001	0.00001	<0.0002	0.0002	0.00053	0.00005	<0.00001	<0.00001	0.00001	2516733
Dissolved Titanium (Ti)	mg/L	<0.0005	<0.0005	0.0005	<0.01	0.01	<0.003	0.003	<0.0005	<0.0005	0.0005	2516733
Dissolved Uranium (U)	mg/L	0.000613	0.00257	0.000002	0.00317	0.00004	0.00332	0.00001	0.00511	0.00894	0.000002	2516733
Dissolved Vanadium (V)	mg/L	<0.0002	<0.0002	0.0002	<0.004	0.004	<0.001	0.001	<0.0002	0.0003	0.0002	2516733
Dissolved Zinc (Zn)	mg/L	0.0401	0.0105	0.0001	3.83	0.002	0.0021	0.0005	0.0043	0.0022	0.0001	2516733
Dissolved Zirconium (Zr)	mg/L	<0.0001	<0.0001	0.0001	<0.002	0.002	<0.0005	0.0005	0.0003	0.0004	0.0001	2516733
Dissolved Calcium (Ca)	mg/L	287	182	0.05	482	0.05	74.0	0.05	149	213	0.05	2526906
Dissolved Magnesium (Mg)	mg/L	56.8	23.5	0.05	97.3	0.05	22.8	0.05	34.1	49.0	0.05	2526906
Dissolved Potassium (K)	mg/L	4.33	3.23	0.05	10.3	0.05	1.12	0.05	2.29	3.39	0.05	2526906

RDL = Reportable Detection Limit

Maxxam Job #: A841755
Report Date: 2008/08/28

GARTNER LEE LTD.
Client Project #: 80632 FARO AMP
Site Reference: FARO MINE
Your P.O. #: 80632
Sampler Initials: KW

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L16742	L16743		L16744		L16745		L16746	L16747		
Sampling Date		2008/08/12	2008/08/12		2008/08/12		2008/08/12		2008/08/12	2008/08/12		
	Units	**P03-04-02**	**P03-04-04**	**RDL**	**P03-04-06**	**RDL**	**P03-08-02**	**RDL**	**P03-08-03**	**P03-08-04**	**RDL**	**QC Batch**
Dissolved Sodium (Na)	mg/L	25.1	91.7	0.05	114	0.05	5.12	0.05	13.1	42.8	0.05	2526906
Dissolved Sulphur (S)	mg/L	330	189	3	1310	3	20	3	81	179	3	2526906

RDL = Reportable Detection Limit

Maxxam Job #: A841755
Report Date: 2008/08/28

GARTNER LEE LTD.
Client Project #: 80632 FARO AMP
Site Reference: FARO MINE
Your P.O. #: 80632
Sampler Initials: KW

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L16748		L16750	L16751	L16753	L16754	L16755	L16756	L16757		
Sampling Date		2008/08/12		2008/08/12	2008/08/12	2008/08/12	2008/08/12	2008/08/12	2008/08/12	2008/08/12		
	Units	**P03-08-05**	**RDL**	**X25A-96-S**	**P03-09-02**	**P03-09-04**	**P03-09-06**	**P03-09-07**	**P03-09-09**	**P03-09-10**	**RDL**	**QC Batch**
Misc. Inorganics												
Dissolved Hardness (CaCO3)	mg/L	956	0.5	595	730	928	823	936	929	<0.5	0.5	2512866
Dissolved Metals by ICPMS												
Dissolved Aluminum (Al)	mg/L	0.021	0.001	0.0024	0.0043	0.0028	0.0022	0.0023	0.0016	0.0005	0.0002	2516733
Dissolved Antimony (Sb)	mg/L	0.0002	0.0001	0.00005	<0.00002	0.00005	0.00006	0.00005	0.00005	<0.00002	0.00002	2516733
Dissolved Arsenic (As)	mg/L	0.0008	0.0001	0.00024	0.00166	0.00010	0.00010	0.00009	0.00014	<0.00002	0.00002	2516733
Dissolved Barium (Ba)	mg/L	0.0091	0.0001	0.0418	0.0364	0.0523	0.0624	0.0528	0.0428	0.00004	0.00002	2516733
Dissolved Beryllium (Be)	mg/L	<0.00005	0.00005	<0.00001	0.00003	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	2516733
Dissolved Bismuth (Bi)	mg/L	<0.00003	0.00003	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	0.000005	2516733
Dissolved Boron (B)	mg/L	<0.3	0.3	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	2516733
Dissolved Cadmium (Cd)	mg/L	<0.00003	0.00003	0.000126	<0.000005	0.000226	0.000270	0.000469	0.000222	<0.000005	0.000005	2516733
Dissolved Chromium (Cr)	mg/L	0.0011	0.0005	<0.0001	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	2516733
Dissolved Cobalt (Co)	mg/L	0.00117	0.00003	0.00554	0.000110	0.00443	0.00122	0.00169	0.00325	<0.000005	0.000005	2516733
Dissolved Copper (Cu)	mg/L	<0.0003	0.0003	0.00063	<0.00005	0.00020	0.00020	0.00016	0.00019	0.00016	0.00005	2516733
Dissolved Iron (Fe)	mg/L	54.5	0.005	0.028	6.96	0.023	0.032	0.022	0.077	<0.001	0.001	2516733
Dissolved Lead (Pb)	mg/L	0.00017	0.00003	0.000023	0.000065	0.000006	0.000022	0.000159	0.000065	0.000025	0.000005	2516733
Dissolved Lithium (Li)	mg/L	0.011	0.003	0.0035	0.0369	0.0121	0.0166	0.0136	0.0123	<0.0005	0.0005	2516733
Dissolved Manganese (Mn)	mg/L	6.52	0.0003	7.05	0.417	8.11	7.68	10.0	9.71	0.00180	0.00005	2516733
Dissolved Mercury (Hg)	mg/L	<0.00005	0.00005	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	2516733
Dissolved Molybdenum (Mo)	mg/L	0.0029	0.0003	0.00218	0.00057	0.00102	0.00157	0.00154	0.00132	0.00012	0.00005	2516733
Dissolved Nickel (Ni)	mg/L	0.0008	0.0001	0.00446	0.00019	0.0124	0.0102	0.0124	0.0126	<0.00002	0.00002	2516733
Dissolved Phosphorus (P)	mg/L	<0.01	0.01	0.002	0.022	<0.002	<0.002	<0.002	0.003	<0.002	0.002	2516733
Dissolved Selenium (Se)	mg/L	0.0002	0.0002	0.00004	<0.00004	<0.00004	<0.00004	<0.00004	<0.00004	<0.00004	0.00004	2516733
Dissolved Silicon (Si)	mg/L	9.1	0.5	8.4	7.2	8.1	7.5	7.6	7.4	<0.1	0.1	2516733
Dissolved Silver (Ag)	mg/L	<0.00003	0.00003	<0.000005	0.000006	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	0.000005	2516733
Dissolved Strontium (Sr)	mg/L	0.633	0.0003	0.461	0.940	0.668	0.651	0.659	0.640	0.00024	0.00005	2516733
Dissolved Thallium (Tl)	mg/L	<0.00001	0.00001	0.000016	<0.000002	0.000011	0.000014	0.000017	0.000005	<0.000002	0.000002	2516733
Dissolved Tin (Sn)	mg/L	<0.00005	0.00005	<0.00001	0.00003	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	2516733
Dissolved Titanium (Ti)	mg/L	0.003	0.003	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	2516733
Dissolved Uranium (U)	mg/L	0.00087	0.00001	0.0103	0.00189	0.00816	0.00624	0.00736	0.00693	0.000006	0.000002	2516733
Dissolved Vanadium (V)	mg/L	0.002	0.001	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	2516733
Dissolved Zinc (Zn)	mg/L	0.0006	0.0005	0.0020	0.0019	0.0017	0.0013	0.0017	0.0017	0.0011	0.0001	2516733
Dissolved Zirconium (Zr)	mg/L	0.0022	0.0005	0.0001	0.0006	0.0002	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	2516733
Dissolved Calcium (Ca)	mg/L	280	0.05	175	202	287	250	288	287	0.09	0.05	2526906
Dissolved Magnesium (Mg)	mg/L	62.6	0.05	38.3	54.9	51.6	48.1	52.4	51.6	<0.05	0.05	2526906
Dissolved Potassium (K)	mg/L	13.1	0.05	4.65	3.77	5.21	4.86	5.16	5.04	<0.05	0.05	2526906

RDL = Reportable Detection Limit

Maxxam Job #: A841755
Report Date: 2008/08/28

GARTNER LEE LTD.
Client Project #: 80632 FARO AMP
Site Reference: FARO MINE
Your P.O. #: 80632
Sampler Initials: KW

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L16748		L16750	L16751	L16753	L16754	L16755	L16756	L16757		
Sampling Date		2008/08/12		2008/08/12	2008/08/12	2008/08/12	2008/08/12	2008/08/12	2008/08/12	2008/08/12		
	Units	**P03-08-05**	**RDL**	**X25A-96-S**	**P03-09-02**	**P03-09-04**	**P03-09-06**	**P03-09-07**	**P03-09-09**	**P03-09-10**	**RDL**	**QC Batch**
Dissolved Sodium (Na)	mg/L	117	0.05	25.7	45.0	35.7	37.1	37.4	37.5	<0.05	0.05	2526906
Dissolved Sulphur (S)	mg/L	345	3	135	165	251	215	256	248	<3	3	2526906

RDL = Reportable Detection Limit

Maxxam Job #: A841755
Report Date: 2008/08/28

GARTNER LEE LTD.
Client Project #: 80632 FARO AMP
Site Reference: FARO MINE
Your P.O. #: 80632
Sampler Initials: KW

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L16758	L16759		L16760	L16761		L16762		
Sampling Date		2008/08/12	2008/08/12		2008/08/12	2008/08/12		2008/08/13		
	Units	**X24A-96**	**X24D-96**	**RDL**	**X25A-96**	**X25B-96**	**RDL**	**S1A**	**RDL**	**QC Batch**
Misc. Inorganics										
Dissolved Hardness (CaCO3)	mg/L	1970	2480	0.5	630	669	0.5	5410	0.5	2512866
Dissolved Metals by ICPMS										
Dissolved Aluminum (Al)	mg/L	0.004	0.005	0.001	0.0026	0.0011	0.0002	0.021	0.004	2516733
Dissolved Antimony (Sb)	mg/L	<0.0001	<0.0001	0.0001	0.00005	0.00002	0.00002	<0.0004	0.0004	2516733
Dissolved Arsenic (As)	mg/L	0.0003	0.0004	0.0001	0.00023	0.00056	0.00002	<0.0004	0.0004	2516733
Dissolved Barium (Ba)	mg/L	0.0218	0.0209	0.0001	0.0424	0.0280	0.00002	0.0171	0.0004	2516733
Dissolved Beryllium (Be)	mg/L	<0.00005	<0.00005	0.00005	<0.00001	<0.00001	0.00001	<0.0002	0.0002	2516733
Dissolved Bismuth (Bi)	mg/L	<0.00003	<0.00003	0.00003	<0.000005	<0.000005	0.000005	<0.0001	0.0001	2516733
Dissolved Boron (B)	mg/L	<0.3	<0.3	0.3	<0.05	<0.05	0.05	<1	1	2516733
Dissolved Cadmium (Cd)	mg/L	0.00087	0.00291	0.00003	0.000124	0.000019	0.000005	0.0238	0.0001	2516733
Dissolved Chromium (Cr)	mg/L	<0.0005	<0.0005	0.0005	<0.0001	<0.0001	0.0001	<0.002	0.002	2516733
Dissolved Cobalt (Co)	mg/L	0.0751	0.0765	0.00003	0.00528	0.000224	0.000005	0.0365	0.0001	2516733
Dissolved Copper (Cu)	mg/L	0.0008	0.0020	0.0003	0.00060	0.00011	0.00005	0.005	0.001	2516733
Dissolved Iron (Fe)	mg/L	4.29	0.045	0.005	0.024	0.776	0.001	0.15	0.02	2516733
Dissolved Lead (Pb)	mg/L	<0.00003	<0.00003	0.00003	0.000115	0.000006	0.000005	<0.0001	0.0001	2516733
Dissolved Lithium (Li)	mg/L	0.015	0.026	0.003	0.0035	0.0091	0.0005	0.16	0.01	2516733
Dissolved Manganese (Mn)	mg/L	51.2	66.4	0.0003	6.99	0.205	0.00005	85.2	0.001	2516733
Dissolved Mercury (Hg)	mg/L	<0.00005	<0.00005	0.00005	<0.00001	<0.00001	0.00001	<0.0002	0.0002	2516733
Dissolved Molybdenum (Mo)	mg/L	<0.0003	0.0005	0.0003	0.00216	0.00043	0.00005	<0.001	0.001	2516733
Dissolved Nickel (Ni)	mg/L	0.0578	0.266	0.0001	0.00425	0.00074	0.00002	1.81	0.0004	2516733
Dissolved Phosphorus (P)	mg/L	<0.01	<0.01	0.01	0.002	0.007	0.002	<0.04	0.04	2516733
Dissolved Selenium (Se)	mg/L	<0.0002	<0.0002	0.0002	<0.00004	<0.00004	0.00004	<0.0008	0.0008	2516733
Dissolved Silicon (Si)	mg/L	9.9	10.1	0.5	6.8	5.6	0.1	11	2	2516733
Dissolved Silver (Ag)	mg/L	<0.00003	<0.00003	0.00003	<0.000005	<0.000005	0.000005	0.0002	0.0001	2516733
Dissolved Strontium (Sr)	mg/L	1.43	1.81	0.0003	0.453	0.460	0.00005	2.10	0.001	2516733
Dissolved Thallium (Tl)	mg/L	0.00005	0.00019	0.00001	0.000016	0.000008	0.000002	<0.00004	0.00004	2516733
Dissolved Tin (Sn)	mg/L	<0.00005	<0.00005	0.00005	<0.00001	<0.00001	0.00001	<0.0002	0.0002	2516733
Dissolved Titanium (Ti)	mg/L	<0.003	0.004	0.003	<0.0005	<0.0005	0.0005	<0.01	0.01	2516733
Dissolved Uranium (U)	mg/L	0.00985	0.00600	0.00001	0.0104	0.00603	0.000002	0.00901	0.00004	2516733
Dissolved Vanadium (V)	mg/L	<0.001	<0.001	0.001	<0.0002	<0.0002	0.0002	<0.004	0.004	2516733
Dissolved Zinc (Zn)	mg/L	0.0126	0.0829	0.0005	0.0019	0.0004	0.0001	270	0.002	2516733
Dissolved Zirconium (Zr)	mg/L	<0.0005	<0.0005	0.0005	0.0001	<0.0001	0.0001	<0.002	0.002	2516733
Dissolved Calcium (Ca)	mg/L	581	750	0.05	186	214	0.05	572	0.05	2526906
Dissolved Magnesium (Mg)	mg/L	126	148	0.05	40.3	32.9	0.05	967	0.05	2526906
Dissolved Potassium (K)	mg/L	7.08	7.90	0.05	4.58	3.60	0.05	12.4	0.05	2526906

RDL = Reportable Detection Limit

Maxxam Job #: A841755
Report Date: 2008/08/28

GARTNER LEE LTD.
Client Project #: 80632 FARO AMP
Site Reference: FARO MINE
Your P.O. #: 80632
Sampler Initials: KW

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L16758	L16759		L16760	L16761		L16762		
Sampling Date		2008/08/12	2008/08/12		2008/08/12	2008/08/12		2008/08/13		
	Units	**X24A-96**	**X24D-96**	**RDL**	**X25A-96**	**X25B-96**	**RDL**	**S1A**	**RDL**	**QC Batch**
Dissolved Sodium (Na)	mg/L	36.3	49.2	0.05	27.4	52.5	0.05	40.2	0.05	2526906
Dissolved Sulphur (S)	mg/L	649	790	3	142	165	3	2050	3	2526906

RDL = Reportable Detection Limit

Maxxam Job #: A841755
Report Date: 2008/08/28

GARTNER LEE LTD.
Client Project #: 80632 FARO AMP
Site Reference: FARO MINE
Your P.O. #: 80632
Sampler Initials: KW

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L16763	L16764		L16765	L16766	L16767		
Sampling Date		2008/08/13	2008/08/13		2008/08/13	2008/08/13	2008/08/13		
	Units	**S1C**	**S2B**	**RDL**	**S3**	**SRKOS-SP-4B**	**SRKOS-SP-5**	**RDL**	**QC Batch**
Misc. Inorganics									
Dissolved Hardness (CaCO3)	mg/L	6090	5440	0.5	5880	5890	5850	0.5	2512866
Dissolved Metals by ICPMS									
Dissolved Aluminum (Al)	mg/L	0.021	0.009	0.001	0.058	0.027	0.023	0.002	2520390
Dissolved Antimony (Sb)	mg/L	<0.0001	<0.0001	0.0001	0.0005	<0.0002	<0.0002	0.0002	2520390
Dissolved Arsenic (As)	mg/L	0.0003	0.0040	0.0001	0.0037	0.0006	0.0005	0.0002	2520390
Dissolved Barium (Ba)	mg/L	0.0187	0.0520	0.0001	0.0309	0.0210	0.0184	0.0002	2520390
Dissolved Beryllium (Be)	mg/L	0.00020	<0.00005	0.00005	0.0001	<0.0001	0.0001	0.0001	2520390
Dissolved Bismuth (Bi)	mg/L	<0.00003	<0.00003	0.00003	<0.00005	<0.00005	<0.00005	0.00005	2520390
Dissolved Boron (B)	mg/L	<0.3	<0.3	0.3	<0.5	<0.5	<0.5	0.5	2520390
Dissolved Cadmium (Cd)	mg/L	0.0236	0.00794	0.00003	0.0161	0.109	0.0361	0.00005	2520390
Dissolved Chromium (Cr)	mg/L	0.0006	0.0006	0.0005	<0.001	<0.001	<0.001	0.001	2520390
Dissolved Cobalt (Co)	mg/L	0.0358	0.0524	0.00003	0.0379	0.0866	0.0594	0.00005	2520390
Dissolved Copper (Cu)	mg/L	0.0017	0.0008	0.0003	0.0006	0.0110	0.0024	0.0005	2520390
Dissolved Iron (Fe)	mg/L	0.066	202	0.005	1.05	0.09	0.30	0.01	2520390
Dissolved Lead (Pb)	mg/L	0.00012	0.00013	0.00003	0.00111	0.00010	0.00038	0.00005	2520390
Dissolved Lithium (Li)	mg/L	0.164	0.078	0.003	0.161	0.159	0.155	0.005	2520390
Dissolved Manganese (Mn)	mg/L	95.3	63.2	0.0003	123	120	105	0.0005	2520390
Dissolved Mercury (Hg)	mg/L	<0.00005	<0.00005	0.00005	0.0001	<0.0001	<0.0001	0.0001	2520390
Dissolved Molybdenum (Mo)	mg/L	<0.0003	<0.0003	0.0003	0.0013	<0.0005	<0.0005	0.0005	2520390
Dissolved Nickel (Ni)	mg/L	1.87	0.849	0.0001	2.62	2.92	2.21	0.0002	2520390
Dissolved Phosphorus (P)	mg/L	<0.01	<0.01	0.01	0.03	<0.02	<0.02	0.02	2520390
Dissolved Selenium (Se)	mg/L	0.0002	<0.0002	0.0002	<0.0004	<0.0004	<0.0004	0.0004	2520390
Dissolved Silicon (Si)	mg/L	13.7	11.8	0.5	13	15	14	1	2520390
Dissolved Silver (Ag)	mg/L	0.00010	0.00011	0.00003	0.00018	0.00020	0.00013	0.00005	2520390
Dissolved Strontium (Sr)	mg/L	2.37	2.75	0.0003	2.04	2.05	2.20	0.0005	2520390
Dissolved Thallium (Tl)	mg/L	0.00002	<0.00001	0.00001	<0.00002	<0.00002	<0.00002	0.00002	2520390
Dissolved Tin (Sn)	mg/L	<0.00005	<0.00005	0.00005	0.0001	<0.0001	<0.0001	0.0001	2520390
Dissolved Titanium (Ti)	mg/L	0.005	0.008	0.003	0.027	0.011	0.011	0.005	2520390
Dissolved Uranium (U)	mg/L	0.00871	0.00103	0.00001	0.00083	0.00624	0.00937	0.00002	2520390
Dissolved Vanadium (V)	mg/L	<0.001	<0.001	0.001	0.005	<0.002	<0.002	0.002	2520390
Dissolved Zinc (Zn)	mg/L	254	122	0.0005	429	452	326	0.001	2520390
Dissolved Zirconium (Zr)	mg/L	<0.0005	0.0006	0.0005	0.001	<0.001	<0.001	0.001	2520390
Dissolved Calcium (Ca)	mg/L	694	1050	0.05	537	545	596	0.05	2527797
Dissolved Magnesium (Mg)	mg/L	1060	686	0.05	1100	1100	1060	0.05	2527797
Dissolved Potassium (K)	mg/L	15.3	8.88	0.05	14.8	14.7	13.6	0.05	2527797

RDL = Reportable Detection Limit

Maxxam Job #: A841755
Report Date: 2008/08/28

GARTNER LEE LTD.
Client Project #: 80632 FARO AMP
Site Reference: FARO MINE
Your P.O. #: 80632
Sampler Initials: KW

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L16763	L16764		L16765	L16766	L16767		
Sampling Date		2008/08/13	2008/08/13		2008/08/13	2008/08/13	2008/08/13		
	Units	**S1C**	**S2B**	**RDL**	**S3**	**SRKOS-SP-4B**	**SRKOS-SP-5**	**RDL**	**QC Batch**
Dissolved Sodium (Na)	mg/L	39.2	34.8	0.05	33.1	31.3	37.7	0.05	2527797
Dissolved Sulphur (S)	mg/L	2390	2090	3	2360	2360	2260	3	2527797

RDL = Reportable Detection Limit

Maxxam Job #: A841755
Report Date: 2008/08/28

GARTNER LEE LTD.
Client Project #: 80632 FARO AMP
Site Reference: FARO MINE
Your P.O. #: 80632
Sampler Initials: KW

QUALITY ASSURANCE REPORT

			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2516733	Dissolved Arsenic (As)	2008/08/21	102	75 - 125	98	75 - 125	<0.00002	mg/L	2.6	25
2516733	Dissolved Beryllium (Be)	2008/08/21	88	75 - 125	103	75 - 125	<0.00001	mg/L	NC	25
2516733	Dissolved Cadmium (Cd)	2008/08/21	93	75 - 125	99	75 - 125	<0.000005	mg/L	1.6	25
2516733	Dissolved Chromium (Cr)	2008/08/21	104	75 - 125	97	75 - 125	<0.0001	mg/L	NC	25
2516733	Dissolved Cobalt (Co)	2008/08/21	NC	75 - 125	98	75 - 125	<0.000005	mg/L	0.09	25
2516733	Dissolved Copper (Cu)	2008/08/21	91	75 - 125	101	75 - 125	<0.00005	mg/L	NC	25
2516733	Dissolved Lead (Pb)	2008/08/21	89	75 - 125	105	75 - 125	<0.000005	mg/L	17.7	25
2516733	Dissolved Lithium (Li)	2008/08/21	NC	75 - 125	104	75 - 125	<0.0005	mg/L	4.0	25
2516733	Dissolved Nickel (Ni)	2008/08/21	NC	75 - 125	99	75 - 125	<0.00002	mg/L	0.4	25
2516733	Dissolved Selenium (Se)	2008/08/21	90	75 - 125	101	75 - 125	<0.00004	mg/L	NC	25
2516733	Dissolved Uranium (U)	2008/08/21	99	75 - 125	104	75 - 125	<0.000002	mg/L	5.7	25
2516733	Dissolved Vanadium (V)	2008/08/21	107	75 - 125	98	75 - 125	<0.0002	mg/L	NC	25
2516733	Dissolved Zinc (Zn)	2008/08/21	NC	75 - 125	104	75 - 125	<0.0001	mg/L	1.3	25
2516733	Dissolved Aluminum (Al)	2008/08/21					<0.0002	mg/L	21.3	25
2516733	Dissolved Antimony (Sb)	2008/08/21					<0.00002	mg/L	NC	25
2516733	Dissolved Barium (Ba)	2008/08/21					<0.00002	mg/L	3.3	25
2516733	Dissolved Bismuth (Bi)	2008/08/21					<0.000005	mg/L	NC	25
2516733	Dissolved Boron (B)	2008/08/21					<0.05	mg/L	NC	25
2516733	Dissolved Iron (Fe)	2008/08/21					<0.001	mg/L	1.4	25
2516733	Dissolved Manganese (Mn)	2008/08/21					<0.00005	mg/L	2.8	25
2516733	Dissolved Mercury (Hg)	2008/08/21					0.00001, RDL=0.00001	mg/L	NC	25
2516733	Dissolved Molybdenum (Mo)	2008/08/21					<0.00005	mg/L	NC	25
2516733	Dissolved Phosphorus (P)	2008/08/21					<0.002	mg/L	NC	25
2516733	Dissolved Silicon (Si)	2008/08/21					<0.1	mg/L	2.9	25
2516733	Dissolved Silver (Ag)	2008/08/21					<0.000005	mg/L	NC	25
2516733	Dissolved Strontium (Sr)	2008/08/21					<0.00005	mg/L	3.7	25
2516733	Dissolved Thallium (Tl)	2008/08/21					<0.000002	mg/L	0.6	25
2516733	Dissolved Tin (Sn)	2008/08/21					<0.00001	mg/L	NC	25
2516733	Dissolved Titanium (Ti)	2008/08/21					<0.0005	mg/L	NC	25
2516733	Dissolved Zirconium (Zr)	2008/08/21					<0.0001	mg/L	NC	25
2517603	Conductivity	2008/08/19			102	80 - 120	<1	uS/cm	0.2	25
2517677	Alkalinity (Total as CaCO3)	2008/08/19	107	80 - 120	96	80 - 120	<0.5	mg/L	1.4	25
2520205	Dissolved Chloride (Cl)	2008/08/20	95	80 - 120	97	80 - 120	<0.5	mg/L	2.1	20
2520216	Dissolved Sulphate (SO4)	2008/08/20	NC	75 - 125	98	80 - 120	<0.5	mg/L	0.07	20
2520390	Dissolved Arsenic (As)	2008/08/22	103	75 - 125	100	75 - 125	<0.00002	mg/L	1.3	25
2520390	Dissolved Beryllium (Be)	2008/08/22	105	75 - 125	102	75 - 125	<0.00001	mg/L	NC	25
2520390	Dissolved Cadmium (Cd)	2008/08/22	100	75 - 125	101	75 - 125	<0.000005	mg/L	1.2	25
2520390	Dissolved Chromium (Cr)	2008/08/22	96	75 - 125	98	75 - 125	0.0001, RDL=0.0001	mg/L	NC	25
2520390	Dissolved Cobalt (Co)	2008/08/22	94	75 - 125	98	75 - 125	<0.000005	mg/L	13.4	25

Maxxam Job #: A841755
Report Date: 2008/08/28

GARTNER LEE LTD.
Client Project #: 80632 FARO AMP
Site Reference: FARO MINE
Your P.O. #: 80632
Sampler Initials: KW

QUALITY ASSURANCE REPORT

			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2520390	Dissolved Copper (Cu)	2008/08/22	94	75 - 125	100	75 - 125	<0.00005	mg/L	1.6	25
2520390	Dissolved Lead (Pb)	2008/08/22	100	75 - 125	99	75 - 125	<0.000005	mg/L	0.4	25
2520390	Dissolved Lithium (Li)	2008/08/22	104	75 - 125	102	75 - 125	<0.0005	mg/L	NC	25
2520390	Dissolved Nickel (Ni)	2008/08/22	92	75 - 125	98	75 - 125	0.00003, RDL=0.00002	mg/L	2.6	25
2520390	Dissolved Selenium (Se)	2008/08/22	120	75 - 125	104	75 - 125	<0.00004	mg/L	1.5	25
2520390	Dissolved Uranium (U)	2008/08/22	NC	75 - 125	96	75 - 125	0.000002, RDL=0.000002	mg/L	2.3	25
2520390	Dissolved Vanadium (V)	2008/08/22	95	75 - 125	96	75 - 125	<0.0002	mg/L	NC	25
2520390	Dissolved Zinc (Zn)	2008/08/22	NC	75 - 125	103	75 - 125	<0.0001	mg/L	0.9	25
2520390	Dissolved Aluminum (Al)	2008/08/22					<0.0002	mg/L	0.9	25
2520390	Dissolved Antimony (Sb)	2008/08/22					<0.00002	mg/L	1.4	25
2520390	Dissolved Barium (Ba)	2008/08/22					<0.00002	mg/L	3.4	25
2520390	Dissolved Bismuth (Bi)	2008/08/22					<0.000005	mg/L	NC	25
2520390	Dissolved Boron (B)	2008/08/22					<0.05	mg/L	NC	25
2520390	Dissolved Iron (Fe)	2008/08/22					<0.001	mg/L	NC	25
2520390	Dissolved Manganese (Mn)	2008/08/22					<0.00005	mg/L	1.0	25
2520390	Dissolved Mercury (Hg)	2008/08/22					<0.00001	mg/L	NC	25
2520390	Dissolved Molybdenum (Mo)	2008/08/22					<0.00005	mg/L	1.0	25
2520390	Dissolved Phosphorus (P)	2008/08/22					<0.002	mg/L	NC	25
2520390	Dissolved Silicon (Si)	2008/08/22					<0.1	mg/L	0.06	25
2520390	Dissolved Silver (Ag)	2008/08/22					<0.000005	mg/L	NC	25
2520390	Dissolved Strontium (Sr)	2008/08/22					<0.00005	mg/L	1.2	25
2520390	Dissolved Thallium (Tl)	2008/08/22					<0.000002	mg/L	6.3	25
2520390	Dissolved Tin (Sn)	2008/08/22					<0.00001	mg/L	NC	25
2520390	Dissolved Titanium (Ti)	2008/08/22					<0.0005	mg/L	NC	25
2520390	Dissolved Zirconium (Zr)	2008/08/22					<0.0001	mg/L	NC	25
2524784	Dissolved Calcium (Ca)	2008/08/22					<0.05	mg/L	NC	25
2524784	Dissolved Magnesium (Mg)	2008/08/22					<0.05	mg/L	NC	25
2526906	Dissolved Calcium (Ca)	2008/08/21					<0.05	mg/L	2.4	25
2526906	Dissolved Magnesium (Mg)	2008/08/21					<0.05	mg/L	1.6	25
2526906	Dissolved Potassium (K)	2008/08/21					<0.05	mg/L	6.4	25
2526906	Dissolved Sodium (Na)	2008/08/21					<0.05	mg/L	1.6	25
2526906	Dissolved Sulphur (S)	2008/08/21					<3	mg/L	4.9	25
2527797	Dissolved Calcium (Ca)	2008/08/22					<0.05	mg/L	2.6	25
2527797	Dissolved Magnesium (Mg)	2008/08/22					<0.05	mg/L	2.8	25
2527797	Dissolved Potassium (K)	2008/08/22					<0.05	mg/L	1.7	25
2527797	Dissolved Sodium (Na)	2008/08/22					<0.05	mg/L	NC	25
2527797	Dissolved Sulphur (S)	2008/08/22					<3	mg/L	NC	25

Maxxam Job #: A841755
Report Date: 2008/08/28

GARTNER LEE LTD.
Client Project #: 80632 FARO AMP
Site Reference: FARO MINE
Your P.O. #: 80632
Sampler Initials: KW

QUALITY ASSURANCE REPORT

			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2534284	Dissolved Chloride (Cl)	2008/08/27	NC	80 - 120	99	80 - 120	<0.5	mg/L	0.2	20
2534303	Dissolved Sulphate (SO4)	2008/08/27	NC (1)	75 - 125	93	80 - 120	<0.5	mg/L	9.8	20

N/A = Not Applicable
NC = Non-calculable
RDL = Reportable Detection Limit
RPD = Relative Percent Difference
(1) - Matrix Spike invalid due to high sample concentration - DQW Required

Maxxam Analytics Inc
8577 Commerce Court Burnaby British Columbia Canada V5A 4N5
Tel (604) 444-4808 Toll-free (800) 440-4808 Fax (604) 444-4811 www.maxxamanalytics.com

A841755

CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name	#2448 GARTNER LEE LTD.	Company Name:	Same as invoice	Quotation #	AB0323	MAXXAM JOB #:	BOTTLE ORDER #:
Contact Name	Kai Woloshyn	Contact Name:		P O #	80632	Faro Mine	29686
Address:	2251 - 2nd AVENUE	Address:		Project #:	80632	CHAIN OF CUSTODY #:	PROJECT MANAGER:
	WHITEHORSE YT Y1A 5W1			Project Name:	Faro Amp	C#29686-08-01	ROB MACARTHUR
Phone:	(867)633-6474 Fax: (867)633-6321	Phone:	Fax:	Site Location:	FARO MINE		
Email:	kwoloshyn@gartnerlee.com; sgladwin@gartnerlee.c	Email:		Sampled By:	KW+SC		

REGULATORY CRITERIA: ultra low level metals

SPECIAL INSTRUCTIONS: Please use D2 established for Faro project

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

ANALYSIS REQUESTED (Please be specific)

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT: (will be applied if Rush TAT is not specified) X
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.
Job Specific Rush TAT (if applies to entire submission)
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals		General chemistry	pH, conductivity	alkalinity, hardness	sulphate, chloride	ion balance			# of Bottles	Comments
1		P03-04-02	Aug. 12, 2008	Water	N	Y	X		X							2	
2		P03-04-04					X		X								
3		P03-04-06					X		X								
4		P03-08-02					X		X								
5		P03-08-03					X		X								
6		P03-08-01					X		X								
7		P03-08-05	↓		↓	↓	X		X							↓	
8		Trip Blank			N		X		X							1	
9		X25A-96-5	Aug 12 2008		N	Y	X		X							2	
10																	

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	Laboratory Use Only: Time Sensitive	Temperature (°C) on Receipt	Condition of Sample on Receipt	Custody Seal Intact on Cooler?
Kai Woloshyn	08/08/14	15:30	Jeffrey Forbes	08/08/15	14:45	☐	5, 7, 8	☐ OK ☐ SIF	☑ Yes ☐ No

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

Maxxam Analytics Inc
8571 Commerce Court Burnaby British Columbia Canada V5A 4N5
Tel (604) 444-4808 Toll-free (800) 440-4808 Fax:(604) 444-4811 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:

Company Name	#2448 GARTNER LEE LTD.
Contact Name	Kai Wolcshyn
Address	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1
Phone:	(867)633-6474 Fax: (867)633-6321
Email	kwoloshyn@gartnerlee.com, sgladwin@gartnerlee.c

REPORT INFORMATION (if differs from Invoice):

Company Name	Same as invoice
Contact Name:	
Address	
Phone	Fax
Email:	

PROJECT INFORMATION:

Quotation #:	A80323
P.O. #	90632
Project #	91632
Project Name:	Faro Asmp
Site Location	FARO MINE
Sampled By	KW+SG

Laboratory Use Only:

MAXXAM JOB #:	BOTTLE ORDER #:
B	29686
CHAIN OF CUSTODY #:	PROJECT MANAGER:
C#29686-12-01	ROB MACARTHUR

REGULATORY CRITERIA: ultra low level metals

SPECIAL INSTRUCTIONS: Please use MDL Detection limits established for Faro project

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

ANALYSIS REQUESTED (Please be specific):

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT: (will be applied if Rush TAT is not specified): ☒
Standard TAT = 5-7 Working days for most tests
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: _____ Time Required: _____ ☐
Rush Confirmation Number: _____ (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals		Gen chemistry	CpH, conductivity	hardness, alkalinity	Chloride, sulfate	ion balance			# of Bottles	Comments
1		P03-09-02	Aug 12, 2015	Water	N	Y	X		X							2	
2		P03-09-01					X		X								
3		P03-09-06					X		X								
4		P03-09-07					X		X								
5		P03-09-09					X		X								
6		P03-09-10					X		X								
7		X24A-96					X		X								
8		X24B-96					X		X								
9		X25A-96					X		X								
10		X25B-96					X		X								

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Wolcshyn	08/08/14	15:30	Jeffrey Forbes	08/08/15	14:45

Laboratory Use Only

Time Sensitive	Temperature (°C) on Receipt	Condition of Sample on Receipt	Custody Seal Intact on Cooler?
☐	5.7,8	☐ OK ☐ SIF	☑ Yes ☐ No

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

MaxXam Analytics Inc

8577 Commerce Court Burnaby, British Columbia Canada V5A 4N5
Tel (604) 444-4808 Toll-free (800) 440-4808 Fax (604) 444-4511 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#2448 GARTNER LEE LTD.	Company Name:	Same as invoice	Quotation #:	A80323	MAXXAM JOB #:	BOTTLE ORDER #:
Contact Name:	Kai Woloshyn	Contact Name:		P.O. #:	80632		29666
Address:	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1	Address:		Project #:	80632	CHAIN OF CUSTODY #:	PROJECT MANAGER:
Phone:	(867)633-6474 Fax: (867)633-6321	Phone:	Fax:	Project Name:	Faro Amp	C#29666-10-01	ROB MACARTHUR
Email:	kwoloshyn@gartnerlee.com, sgladwin@gartnerlee.c	Email:		Site Location:	FARO MINE		
				Sampled By:	KW / SC		

REGULATORY CRITERIA

SPECIAL INSTRUCTIONS

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

ANALYSIS REQUESTED (Please be specific)

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT:
(will be applied if Rush TAT is not specified):
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ *(call lab for #)*

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals		General Chemistry	CPH / conductivity	alkalinity hardness	chloride sulphate	ion balance			# of Bottles	Comments
1		S1A	Aug. 13, 2014	Water	N	Y	X		X							2	
2		S1C					X		X								
3		S2B					X		X								
4		S3					X		X								
5		SRK05-SP-4B					X		X								
6		SRK05-SP-5					X		X								
7																	
8																	
9																	
10																	

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	Laboratory Use Only: Time Sensitive	Temperature (°C) on Receipt	Condition of Sample on Receipt	Custody Seal Intact on Cooler?
Kai Woloshyn	09/09/14	15:30	Jeffrey Fowler / Jeffrey Forbes	08/08/15	1445	☐	5, 7, 8	☐ OK ☐ SIF	☑ Yes ☐ No

*IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

Your Project #: FARO MINE
Your C.O.C. #: 29686-04, 29686-02, 29686-06, 29686-15, 29686-14, 29686-13, 29686-09, 29686-11, 29686-07, 29686-05

Attention: Kai Woloshyn
GARTNER LEE LTD.
2251 - 2nd AVENUE
WHITEHORSE, YT
CANADA Y1A 5W1

Report Date: 2008/10/03

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A849801
Received: 2008/09/22, 11:25

Sample Matrix: Water
Samples Received: 92

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity - Water	6	2008/09/24	2008/09/25	BRN SOP-00264 R2.0	Based on SM2320B
Alkalinity - Water	53	2008/09/24	2008/09/26	BRN SOP-00264 R2.0	Based on SM2320B
Alkalinity - Water	10	2008/09/24	2008/09/27	BRN SOP-00264 R2.0	Based on SM2320B
Alkalinity - Water	1	2008/09/26	2008/09/26	BRN SOP-00264 R2.0	Based on SM2320B
Alkalinity - Water	20	2008/09/26	2008/09/27	BRN SOP-00264 R2.0	Based on SM2320B
Alkalinity - Water	1	2008/09/26	2008/09/28	BRN SOP-00264 R2.0	Based on SM2320B
Chloride by Automated Colourimetry	32	N/A	2008/09/25	BRN-SOP 00234 R1.0	Based on EPA 325.2
Chloride by Automated Colourimetry	40	N/A	2008/09/27	BRN-SOP 00234 R1.0	Based on EPA 325.2
Conductance - water	6	N/A	2008/09/25	BRN SOP-00264 R2.0	Based on SM-2510B
Conductance - water	54	N/A	2008/09/26	BRN SOP-00264 R2.0	Based on SM-2510B
Conductance - water	30	N/A	2008/09/27	BRN SOP-00264 R2.0	Based on SM-2510B
Conductance - water	1	N/A	2008/09/28	BRN SOP-00264 R2.0	Based on SM-2510B
Hardness (calculated as CaCO3)	91	N/A	2008/09/29		
Ion Balance	91	N/A	2008/10/01		
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	17	N/A	2008/09/26	BRN SOP-00206	Based on EPA 200.8
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	74	N/A	2008/09/27	BRN SOP-00206	Based on EPA 200.8
Elements by ICPMS Low Level (dissolved) (1)	17	N/A	2008/09/26	BRN SOP-00206	Based on EPA 200.8
Elements by ICPMS Low Level (dissolved) (1)	73	N/A	2008/09/27	BRN SOP-00206	Based on EPA 200.8
Elements by ICPMS Low Level (dissolved) (1)	1	N/A	2008/09/29	BRN SOP-00206	Based on EPA 200.8
Filter and HNO3 Preserve for Metals	91	N/A	2008/09/25	BRN WI-00006 R1.0	Based on EPA 200.2
pH Water	6	N/A	2008/09/25	BRN SOP-00264 R2.0	Based on SM-4500H+B
pH Water	54	N/A	2008/09/26	BRN SOP-00264 R2.0	Based on SM-4500H+B
pH Water	30	N/A	2008/09/27	BRN SOP-00264 R2.0	Based on SM-4500H+B
pH Water	1	N/A	2008/09/28	BRN SOP-00264 R2.0	Based on SM-4500H+B
Sulphate by Automated Colourimetry	14	N/A	2008/09/25	BRN-SOP 00243 R1.0	Based on EPA 375.4
Sulphate by Automated Colourimetry	19	N/A	2008/09/26	BRN-SOP 00243 R1.0	Based on EPA 375.4
Sulphate by Automated Colourimetry	59	N/A	2008/09/27	BRN-SOP 00243 R1.0	Based on EPA 375.4

* Results relate only to the items tested.

(1) SCC/CAEAL

../2

GARTNER LEE LTD.
Maxxam Job #: A849801
Client Project #: FARO MINE
Report Date: 2008/10/03

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

ROB MACARTHUR, BBY Customer Service
Email: rob.macarthur@maxxamanalytics.com
Phone# (604) 444-4808 Ext:253

==========

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CAEAL have approved this reporting process and electronic report format.

Total cover pages: 2

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		L76298	L76300	L76301	L76302	L76303			L76304		L76305		
Sampling Date		2008/09/18	2008/09/18	2008/09/18	2008/09/18	2008/09/18			2008/09/18		2008/09/19		
	Units	**BH1**	**BH1A**	**BH4**	**BH5**	**BH6**	**RDL**	**QC Batch**	**BH8**	**QC Batch**	**BH8A**	**RDL**	**QC Batch**
Preparation													
Filter and HNO3 Preservation	N/A	FIELD	FIELD	FIELD	FIELD	FIELD	N/A	ONSITE	FIELD	ONSITE	FIELD	N/A	ONSITE
Calculated Parameters													
Ion Balance	N/A	NA(1)	1.1	1.1	1.1	1.1	0.01	2600178	0.83(2)	2600178	0.78(2)	0.01	2600178
Misc. Inorganics													
Alkalinity (Total as CaCO3)	mg/L	82	130	8.7	97	96	0.5	2602990	<0.5	2602990	<0.5	0.5	2602990
Anions													
Dissolved Sulphate (SO4)	mg/L	180	130	460	110	120	5	2604696	3200	2604696	4000	50	2623334
Dissolved Chloride (Cl)	mg/L		0.8	0.7	1.2	0.9	0.5	2604703	0.9	2604703	0.9	0.5	2604703
Physical Properties													
Conductivity	uS/cm	550	530	930	440	450	1	2602979	4200	2602979	4700	1	2602979
pH	pH Units	7.0	6.8	5.7	6.7	7.0		2602973	3.1(3)	2620354	3.7(3)		2602973

Maxxam ID		L76306		L76307		L76308	L76309	L76310		L76311	L76312		
Sampling Date		2008/09/18		2008/09/18		2008/09/18	2008/09/18	2008/09/16		2008/09/16	2008/09/16		
	Units	**BH12B**	**RDL**	**BH13B**	**QC Batch**	**BH14A**	**BH14B**	**PO1-01A**	**RDL**	**PO1-01B**	**PO1-02A**	**RDL**	**QC Batch**
Preparation													
Filter and HNO3 Preservation	N/A	FIELD	N/A	FIELD	ONSITE	FIELD	FIELD	FIELD	N/A	FIELD	FIELD	N/A	ONSITE
Calculated Parameters													
Ion Balance	N/A	1.1	0.01	1.1	2600178	1.0	1.1	0.96	0.01	1.0	1.0	0.01	2600178
Misc. Inorganics													
Alkalinity (Total as CaCO3)	mg/L	170	0.5	75	2602990	380	380	260	0.5	260	250	0.5	2602990
Anions													
Dissolved Sulphate (SO4)	mg/L	350	5	890	2623334	3200	2400	750	50	440	150	5	2604696
Dissolved Chloride (Cl)	mg/L	1.2	0.5	1.6	2604703	9.8	12	2.2	0.5	2.0	1.3	0.5	2604703
Physical Properties													
Conductivity	uS/cm	1000	1	1700	2602979	4700	4000	1600	1	1200	710	1	2602979
pH	pH Units	7.8		7.6	2602973	7.7	7.8	8.0		8.1	8.2		2602973

N/A = Not Applicable
RDL = Reportable Detection Limit
(1) - Ion balance could not be calculated due to missing chloride data (Chloride test was not requested).
(2) - Ionic imbalance due to low pH; analysis performed in duplicate.
(3) - pH result is lower than the lowest standard (4 pH Units).

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		L76313		L76314		L76315	L76316		L76317		L76318	L76319		
Sampling Date		2008/09/17		2008/09/17		2008/09/17	2008/09/16		2008/09/16		2008/09/16	2008/09/18		
	Units	**PO1-03**	**RDL**	**PO1-04A**	**RDL**	**PO1-04B**	**PO5-02**	**RDL**	**PO5-03**	**RDL**	**PO1-11**	**P96-6**	**RDL**	**QC Batch**
Preparation														
Filter and HNO3 Preservation	N/A	FIELD	N/A	FIELD	N/A	FIELD	FIELD	N/A	FIELD	N/A	FIELD	FIELD	N/A	ONSITE
Calculated Parameters														
Ion Balance	N/A	1.0	0.01	1.0	0.01	0.92	1.0	0.01	1.0	0.01	1.0	0.95	0.01	2600178
Misc. Inorganics														
Alkalinity (Total as CaCO3)	mg/L	370	0.5	570	0.5	300	340	0.5	270	0.5	350	300	0.5	2602990
Anions														
Dissolved Sulphate (SO4)	mg/L	1700	50	41	0.5	750	1200	50	430	5	1300	700	50	2604696
Dissolved Chloride (Cl)	mg/L	4.0	0.5	5.9	0.5	1.8	2.7	0.5	1.5	0.5	3.0	1.1	0.5	2604703
Physical Properties														
Conductivity	uS/cm	3100	1	1000	1	1600	2400	1	1200	1	2500	1600	1	2602979
pH	pH Units	7.5		7.8		7.9	7.8		8.0		7.7	7.3		2602973

Maxxam ID		L76320	L76321	L76322	L76323	L76324		L76325		L76326		
Sampling Date		2008/09/19	2008/09/19	2008/09/19	2008/09/19	2008/09/18		2008/09/18		2008/09/18		
	Units	**P96-7**	**P96-7B**	**P96-8A**	**P98-8B**	**P96-9A**	**RDL**	**BH05-9B-R**	**QC Batch**	**P2001-02A**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	FIELD	FIELD	FIELD	FIELD	N/A	FIELD	ONSITE	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	0.96	1.0	0.93	0.92	0.97	0.01	1.1	2600178	1.1	0.01	2600178
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	190	190	220	130	380	0.5	150	2602990	410	0.5	2602990
Anions												
Dissolved Sulphate (SO4)	mg/L	2400	2200	5500	5300	1700	50	150	2604696	310	5	2623334
Dissolved Chloride (Cl)	mg/L	0.9	1.0	9.8	8.9	1.7	0.5	1.7	2604703	1.8	0.5	2604703
Physical Properties												
Conductivity	uS/cm	3400	3300	6900	6800	2900	1	630	2602979	1200	1	2602979
pH	pH Units	7.9	7.9	7.0	7.0	7.8		8.2	2602973	8.0		2602973

N/A = Not Applicable
RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		L76327	L76328		L76329	L76330	L76331			L76332		
Sampling Date		2008/09/18	2008/09/18		2008/09/18	2008/09/18	2008/09/18			2008/09/19		
	Units	**P2001-02B**	**SRK05-05C**	**RDL**	**SRK05-07**	**SRK05-08**	**SRK05-09**	**RDL**	**QC Batch**	**SRK08-SPW1**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	FIELD	N/A	FIELD	FIELD	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	1.1	1.0	0.01	1.0	1.1	1.1	0.01	2600178	1.1	0.01	2600178
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	400	210	0.5	560	500	360	0.5	2602990	270	0.5	2602990
Anions												
Dissolved Sulphate (SO4)	mg/L	330	340	5	1600	780	1000	50	2604696	200	5	2611181
Dissolved Chloride (Cl)	mg/L	2.1	1.1	0.5	2.6	13	1.9	0.5	2604703	1.5	0.5	2611171
Physical Properties												
Conductivity	uS/cm	1200	990	1	3000	1900	2200	1	2602979	870	1	2602979
pH	pH Units	8.0	8.1		7.9	7.9	8.2		2602973	6.7		2602973

Maxxam ID		L76333	L76334	L76335	L76336			L76337		L76338		
Sampling Date		2008/09/17	2008/09/18	2008/09/17	2008/09/17			2008/09/18		2008/09/18		
	Units	**TH86-17**	**TH2-86**	**TH15-86**	**TH86-14**	**RDL**	**QC Batch**	**R6C-PW3**	**QC Batch**	**V34**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	FIELD	FIELD	FIELD	N/A	ONSITE	FIELD	ONSITE	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	NC	1.0	NC	1.0	0.01	2600178	1.0	2600178	1.1	0.01	2600178
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	68	130	98	100	0.5	2602990	140	2608091	550	0.5	2602990
Anions												
Dissolved Sulphate (SO4)	mg/L	15	43	21	48	0.5	2611181	63	2611181	180	5	2611181
Dissolved Chloride (Cl)	mg/L	0.6	2.0	1.1	1.5	0.5	2611171	34	2611171	2.6	0.5	2611171
Physical Properties												
Conductivity	uS/cm	160	340	230	310	1	2602979	430	2608089	1200	1	2602979
pH	pH Units	7.7	8.0	8.0	7.8		2602973	7.2	2608085	8.1		2602973

N/A = Not Applicable
NC = Non-calculable
RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		L76339			L76340			L76341		L76342		
Sampling Date		2008/09/18			2008/09/18			2008/09/18		2008/09/16		
	Units	**V35**	**RDL**	**QC Batch**	**V36**	**RDL**	**QC Batch**	**V37**	**RDL**	**X16A**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE	FIELD	N/A	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	1.0	0.01	2600178	1.0	0.01	2600178	1.0	0.01	0.97	0.01	2600178
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	390	0.5	2602990	360	0.5	2602990	420	0.5	160	0.5	2602990
Anions												
Dissolved Sulphate (SO4)	mg/L	450	5	2611181	550	50	2623334	110	5	49	0.5	2611181
Dissolved Chloride (Cl)	mg/L	1.3	0.5	2611171	1.1	0.5	2611171	1.0	0.5	0.8	0.5	2611171
Physical Properties												
Conductivity	uS/cm	1400	1	2602979	1500	1	2602979	880	1	390	1	2602979
pH	pH Units	8.2		2602973	8.0		2602973	8.4		8.3		2602973

Maxxam ID		L76343	L76344		L76345	L76346		L76347	L76348	L76349		
Sampling Date		2008/09/16	2008/09/16		2008/09/16	2008/09/16		2008/09/16	2008/09/17	2008/09/17		
	Units	**X16B**	**X17A**	**RDL**	**X17B**	**X18A**	**RDL**	**X18B**	**X21A-96**	**X21B-96**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	FIELD	N/A	FIELD	FIELD	N/A	FIELD	FIELD	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	1.0	0.98	0.01	1.0	1.9(1)	0.01	0.59(1)	1.1	1.1	0.01	2600178
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	190	230	0.5	290	270	0.5	260	<0.5	66	0.5	2602990
Anions												
Dissolved Sulphate (SO4)	mg/L	27	39	0.5	62	180	5	560	12000	940	50	2611181
Dissolved Chloride (Cl)	mg/L	0.8	2.4	0.5	2.9	1.0	0.5	1.6	<0.5	1.4	0.5	2611171
Physical Properties												
Conductivity	uS/cm	400	480	1	630	830	1	1400	12000	1800	1	2602979
pH	pH Units	8.3	8.4		8.3	8.3		8.2	3.3(2)	7.3		2602973

N/A = Not Applicable
RDL = Reportable Detection Limit
(1) - It appears that either the general bottles or DM bottles were switched in the field for L76346 (X18A) and L76347 (X18B). Major ions have been re-analyzed and confirmed. Labeling has been checked and no lab error found.
(2) - pH result is lower than the lowest standard (4 pH Units).

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		L76350	L76351		L76352			L76353	L76354	L76355		
Sampling Date		2008/09/17	2008/09/17		2008/09/17			2008/09/16	2008/09/16	2008/09/16		
	Units	**X21C-96**	**X24A-96**	**QC Batch**	**X24D-96**	**RDL**	**QC Batch**	**X25A-96**	**X25B-96**	**X25C-96**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	FIELD	ONSITE	FIELD	N/A	ONSITE	FIELD	FIELD	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	1.1	0.92	2600178	1.1	0.01	2600178	1.0	1.1	1.0	0.01	2600178
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	<0.5	340	2602990	400	0.5	2602990	270	250	250	0.5	2602990
Anions												
Dissolved Sulphate (SO4)	mg/L	13000	1700	2611181	1900	50	2623334	370	430	430	5	2611181
Dissolved Chloride (Cl)	mg/L	<0.5	3.8	2611171	3.8	0.5	2611171	1.3	1.5	1.4	0.5	2611171
Physical Properties												
Conductivity	uS/cm	12000	2900	2602979	3400	1	2602979	1100	1200	1200	1	2602979
pH	pH Units	3.4(1)	7.8	2602973	7.9		2602973	8.3	8.2	8.2		2602973

Maxxam ID		L76356	L76357		L76358	L76359	L76360		L76361	L76362		
Sampling Date		2008/09/17	2008/09/17		2008/09/17	2008/09/17	2008/09/17		2008/09/17	2008/09/17		
	Units	**P03-01-01**	**P03-01-02**	**RDL**	**P03-01-03**	**P03-01-04**	**P03-01-06**	**RDL**	**P03-01-07**	**P03-01-08**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	FIELD	N/A	FIELD	FIELD	FIELD	N/A	FIELD	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	NA(2)	NA(2)	0.01	NA(2)	NA(2)	NA(2)	0.01	NA(2)	NA(2)	0.01	2600178
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	210	200	0.5	110	39	0.7	0.5	<0.5	<0.5	0.5	2602990
Anions												
Dissolved Sulphate (SO4)	mg/L	24	25	0.5	57	65	360	5	3100	4700	50	2611183
Physical Properties												
Conductivity	uS/cm	430	420	1	340	240	740	1	4600	6300	1	2602979
pH	pH Units	8.4	8.4		8.2	7.6	5.8		4.4	3.7(1)		2602973

N/A = Not Applicable
RDL = Reportable Detection Limit
(1) - pH result is lower than the lowest standard (4 pH Units).
(2) - Ion balance could not be calculated due to missing chloride data (Chloride test was not requested).

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		L76363	L76364		L76365		L76366		L76367		
Sampling Date		2008/09/17	2008/09/17		2008/09/17		2008/09/17		2008/09/17		
	Units	**P03-04-02**	**P03-04-04**	**RDL**	**P03-04-05**	**RDL**	**P03-04-06**	**RDL**	**P03-01-09**	**RDL**	**QC Batch**
Preparation											
Filter and HNO3 Preservation	N/A	FIELD	FIELD	N/A	FIELD	N/A	FIELD	N/A	FIELD	N/A	ONSITE
Calculated Parameters											
Ion Balance	N/A	NA(1)	NA(1)	0.01	NA(1)	0.01	NA(1)	0.01	NA(1)	0.01	2600178
Misc. Inorganics											
Alkalinity (Total as CaCO3)	mg/L	130	210	0.5	37	0.5	7.8	0.5	<0.5	0.5	2602990
Anions											
Dissolved Sulphate (SO4)	mg/L	850	520	50	190	5	4000	50	43000(2)	5000	2611183
Physical Properties											
Conductivity	uS/cm	1500	1200	1	500	1	4800	1	33000(3)	1	2602979
pH	pH Units	7.0	7.7		6.7		5.3		3.1(4)		2602973

Maxxam ID		L76368			L76369		L76370	L76371		L76372		
Sampling Date		2008/09/16			2008/09/16		2008/09/16	2008/09/16		2008/09/16		
	Units	**P03-08-01**	**RDL**	**QC Batch**	**P03-08-03**	**RDL**	**P03-08-04**	**P03-08-05**	**RDL**	**P03-08-07**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	N/A	ONSITE	FIELD	N/A	FIELD	FIELD	N/A	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	NA(1)	0.01	2600178	NA(1)	0.01	NA(1)	NA(1)	0.01	NA(1)	0.01	2600178
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	240	0.5	2602990	300	0.5	310	310	0.5	50	0.5	2608091
Anions												
Dissolved Sulphate (SO4)	mg/L	43	0.5	2611183	210	5	550	900	50	370	5	2611183
Physical Properties												
Conductivity	uS/cm	530	1	2602979	910	1	1500	2000	1	950	1	2608089
pH	pH Units	7.4		2602973	8.2		7.9	7.8		7.7		2608085

N/A = Not Applicable
RDL = Reportable Detection Limit
(1) - Ion balance could not be calculated due to missing chloride data (Chloride test was not requested).
(2) - RDL raised due to sample matrix interference.
(3) - Conductivity result is greater than the highest standard (12900uS/cm).
(4) - pH result is lower than the lowest standard (4 pH Units).

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		L76373			L76374		L76375		L76376		
Sampling Date		2008/09/16			2008/09/16		2008/09/16		2008/09/16		
	Units	**P03-08-08**	**RDL**	**QC Batch**	**P03-09-01**	**QC Batch**	**P03-09-02**	**RDL**	**P03-09-03**	**RDL**	**QC Batch**
Preparation											
Filter and HNO3 Preservation	N/A			ONSITE	FIELD	ONSITE	FIELD	N/A	FIELD	N/A	ONSITE
Calculated Parameters											
Ion Balance	N/A			2600178	1.0	2600178	1.0	0.01	0.97	0.01	2600178
Misc. Inorganics											
Alkalinity (Total as CaCO3)	mg/L			2608091	320	2608091	320	0.5	290	0.5	2608091
Anions											
Dissolved Sulphate (SO4)	mg/L	2.1	0.5	2611183	450	2611181	420	5	700	50	2623334
Dissolved Chloride (Cl)	mg/L				2.9	2611171	2.9	0.5	1.7	0.5	2611171
Physical Properties											
Conductivity	uS/cm			2608089	1300	2608089	1300	1	1600	1	2608089
pH	pH Units			2608085	8.1	2608085	8.2		8.1		2608085

Maxxam ID		L76377	L76378	L76379	L76380		L76381		L76382	L76383		
Sampling Date		2008/09/16	2008/09/16	2008/09/16	2008/09/16		2008/09/16		2008/09/16	2008/09/16		
	Units	**P03-09-04**	**P03-09-05**	**P03-09-06**	**P03-09-07**	**QC Batch**	**P03-09-08**	**QC Batch**	**P03-09-09**	**P03-09-10**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	FIELD	FIELD	FIELD	ONSITE	FIELD	ONSITE	FIELD	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	1.0	1.1	1.1	1.1	2600178	1.1	2600178	1.1	1.1	0.01	2600178
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	290	280	290	290	2608091	280	2608091	290	290	0.5	2608091
Anions												
Dissolved Sulphate (SO4)	mg/L	650	590	510	640	2611181	600	2623334	630	630	50	2611181
Dissolved Chloride (Cl)	mg/L	1.6	1.7	1.8	1.8	2611171	1.8	2611171	1.7	1.8	0.5	2611171
Physical Properties												
Conductivity	uS/cm	1500	1600	1400	1600	2608089	1600	2608089	1600	1600	1	2608089
pH	pH Units	8.2	8.1	8.2	8.2	2608085	8.2	2608085	8.1	8.2		2608085

N/A = Not Applicable
RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		L76384			L76385		L76386		L76387	L76388		
Sampling Date		2008/09/16			2008/09/16		2008/09/16		2008/09/16	2008/09/16		
	Units	**P03-08-08A**	**RDL**	**QC Batch**	**P05-01-01**	**QC Batch**	**P05-01-02**	**QC Batch**	**P05-01-03**	**P05-01-04**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	N/A	ONSITE	FIELD	ONSITE	FIELD	ONSITE	FIELD	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	NA(1)	0.01	2600178	1.1	2600178	0.88(2)	2600178	0.98	1.0	0.01	2600178
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	100	0.5	2608091	470	2608091	330	2608091	330	320	0.5	2608091
Anions												
Dissolved Sulphate (SO4)	mg/L	92	5	2611183	600	2611181	1700	2623334	1300	1300	50	2611181
Dissolved Chloride (Cl)	mg/L				3.8	2611171	2.9	2623303	2.8	2.8	0.5	2611171
Physical Properties												
Conductivity	uS/cm	490	1	2608089	1900	2608089	2600	2608089	2500	2600	1	2608089
pH	pH Units	8.0		2608085	8.1	2608085	8.0	2608085	8.0	8.0		2608085

Maxxam ID		L76389	L76390		
Sampling Date		2008/09/16	2008/09/16		
	Units	**P05-01-05**	**P05-01-06**	**RDL**	**QC Batch**
Preparation					
Filter and HNO3 Preservation	N/A	FIELD	FIELD	N/A	ONSITE
Calculated Parameters					
Ion Balance	N/A	1.1	1.0	0.01	2600178
Misc. Inorganics					
Alkalinity (Total as CaCO3)	mg/L	310	320	0.5	2608091
Anions					
Dissolved Sulphate (SO4)	mg/L	1200	1300	50	2611181
Dissolved Chloride (Cl)	mg/L	2.6	2.7	0.5	2611171
Physical Properties					
Conductivity	uS/cm	2400	2300	1	2608089
pH	pH Units	8.1	7.7		2608085

N/A = Not Applicable
RDL = Reportable Detection Limit
(1) - Ion balance could not be calculated due to missing chloride data (Chloride test was not requested).
(2) - Ionic imbalance; analysis performed in duplicate.

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76298	L76300	L76301		L76302		L76303		L76304	L76305		
Sampling Date		2008/09/18	2008/09/18	2008/09/18		2008/09/18		2008/09/18		2008/09/18	2008/09/19		
	Units	**BH1**	**BH1A**	**BH4**	**QC Batch**	**BH5**	**QC Batch**	**BH6**	**RDL**	**BH8**	**BH8A**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	260	279	524	2597630	193	2597630	211	0.5	1540	1720	0.5	2597630

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76298	L76300	L76301		L76302		L76303		L76304	L76305		
Sampling Date		2008/09/18	2008/09/18	2008/09/18		2008/09/18		2008/09/18		2008/09/18	2008/09/19		
	Units	**BH1**	**BH1A**	**BH4**	**QC Batch**	**BH5**	**QC Batch**	**BH6**	**RDL**	**BH8**	**BH8A**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	0.646	0.0712	11.3	2600678	0.0341	2600678	0.0310	0.0002	8.93	30.9	0.004	2600678
Dissolved Antimony (Sb)	mg/L	0.00005	0.00008	0.00010	2600678	0.00003	2600678	0.00004	0.00002	0.0005	0.0006	0.0004	2600678
Dissolved Arsenic (As)	mg/L	0.00008	0.00008	0.00023	2600678	0.00028	2600678	0.00010	0.00002	0.0032	0.0060	0.0004	2600678
Dissolved Barium (Ba)	mg/L	0.0456	0.0371	0.0233	2600678	0.0264	2600678	0.0416	0.00002	0.0109	0.0144	0.0004	2600678
Dissolved Beryllium (Be)	mg/L	0.00014	0.00013	0.00430	2600678	0.00016	2600678	0.00010	0.00001	0.0088	0.0290	0.0002	2600678
Dissolved Bismuth (Bi)	mg/L	<0.000005	<0.000005	<0.000005	2600678	<0.000005	2600678	<0.000005	0.000005	<0.0001	<0.0001	0.0001	2600678
Dissolved Boron (B)	mg/L	<0.05	<0.05	<0.05	2600678	<0.05	2600678	<0.05	0.05	<1	<1	1	2600678
Dissolved Cadmium (Cd)	mg/L	0.0337	0.00391	0.0188	2600678	0.000645	2600678	0.00182	0.000005	0.806	1.00	0.0001	2600678
Dissolved Chromium (Cr)	mg/L	0.0001	0.0001	0.0004	2600678	<0.0001	2600678	<0.0001	0.0001	<0.002	0.009	0.002	2600678
Dissolved Cobalt (Co)	mg/L	0.00536	0.00124	0.0947	2600678	0.0115	2600678	0.0380	0.000005	0.607	0.779	0.0001	2600678
Dissolved Copper (Cu)	mg/L	0.00126	0.00605	0.0938	2600678	0.00048	2600678	0.00383	0.00005	1.58	6.11	0.001	2600678
Dissolved Iron (Fe)	mg/L	0.019	0.007	0.219	2600678	13.4	2600678	5.95	0.001	642	800	0.02	2600678
Dissolved Lead (Pb)	mg/L	0.000934	0.00418	0.00772	2600678	0.00128	2600678	0.000838	0.000005	0.408	1.25	0.0001	2600678
Dissolved Lithium (Li)	mg/L	0.0166	0.0139	0.0627	2600678	0.0287	2600678	0.0252	0.0005	0.09	0.11	0.01	2600678
Dissolved Manganese (Mn)	mg/L	0.285	0.129	1.03	2600678	1.15	2600678	1.68	0.00005	13.4	16.4	0.001	2600678
Dissolved Mercury (Hg)	mg/L	<0.00001	<0.00001	<0.00001	2600678	<0.00001	2600678	<0.00001	0.00001	<0.0002	<0.0002	0.0002	2600678
Dissolved Molybdenum (Mo)	mg/L	0.00006	0.00005	<0.00005	2600678	<0.00005	2600678	0.00008	0.00005	<0.001	<0.001	0.001	2600678
Dissolved Nickel (Ni)	mg/L	0.0675	0.00743	0.129	2600678	0.0151	2600678	0.0355	0.00002	0.556	0.654	0.0004	2600678
Dissolved Phosphorus (P)	mg/L	<0.002	<0.002	0.006	2600678	<0.002	2600678	<0.002	0.002	<0.04	<0.04	0.04	2600678
Dissolved Selenium (Se)	mg/L	0.00033	0.00030	0.00015	2600678	0.00004	2600678	<0.00004	0.00004	0.0010	0.0015	0.0008	2600678
Dissolved Silicon (Si)	mg/L	6.6	7.6	10.0	2600678	8.3	2600678	7.3	0.1	4	7	2	2600678
Dissolved Silver (Ag)	mg/L	<0.000005	<0.000005	<0.000005	2600678	0.000014	2600678	<0.000005	0.000005	0.0003	0.0004	0.0001	2600678
Dissolved Strontium (Sr)	mg/L	0.323	0.345	0.604	2600678	0.230	2600678	0.300	0.00005	1.23	1.26	0.001	2600678
Dissolved Thallium (Tl)	mg/L	0.000058	0.000054	0.000108	2600678	0.000055	2600678	0.000049	0.000002	0.00752	0.00803	0.00004	2600678
Dissolved Tin (Sn)	mg/L	<0.00001	0.00001	<0.00001	2600678	<0.00001	2600678	0.00001	0.00001	0.0004	<0.0002	0.0002	2600678
Dissolved Titanium (Ti)	mg/L	0.0006	0.0006	0.0006	2600678	0.0009	2600678	0.0009	0.0005	0.02	0.03	0.01	2600678
Dissolved Uranium (U)	mg/L	0.000100	0.00140	0.000850	2600678	0.000116	2600678	0.00100	0.000002	0.0202	0.0818	0.00004	2600678
Dissolved Vanadium (V)	mg/L	<0.0002	<0.0002	<0.0002	2600678	<0.0002	2600678	<0.0002	0.0002	<0.004	<0.004	0.004	2600678
Dissolved Zinc (Zn)	mg/L	14.6	1.09	8.27	2600678	1.80	2600678	4.70	0.0001	256	321	0.002	2600678
Dissolved Zirconium (Zr)	mg/L	<0.0001	<0.0001	<0.0001	2600678	<0.0001	2600678	<0.0001	0.0001	<0.002	<0.002	0.002	2600678
Dissolved Calcium (Ca)	mg/L	70.9	81.7	159	2610981	48.7	2621171	58.1	0.05	305	328	0.2	2610981
Dissolved Magnesium (Mg)	mg/L	20.2	18.2	31.1	2610981	17.3	2610981	16.1	0.05	189	218	0.2	2610981
Dissolved Potassium (K)	mg/L	2.12	1.69	2.15	2610981	2.64	2610981	2.19	0.05	7.7	7.7	0.2	2610981
Dissolved Sodium (Na)	mg/L	4.25	5.27	7.04	2610981	6.99	2610981	4.74	0.05	36.4	34.4	0.2	2610981
Dissolved Sulphur (S)	mg/L	75	55	198	2610981	46	2610981	50	3	1080	1270	10	2610981

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76306	L76307			L76308	L76309	L76310		L76311	L76312		
Sampling Date		2008/09/18	2008/09/18			2008/09/18	2008/09/18	2008/09/16		2008/09/16	2008/09/16		
	Units	**BH12B**	**BH13B**	**RDL**	**QC Batch**	**BH14A**	**BH14B**	**PO1-01A**	**RDL**	**PO1-01B**	**PO1-02A**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	568	1070	0.5	2597630	3750	3040	929	0.5	679	383	0.5	2597630

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76306	L76307			L76308	L76309	L76310		L76311	L76312		
Sampling Date		2008/09/18	2008/09/18			2008/09/18	2008/09/18	2008/09/16		2008/09/16	2008/09/16		
	Units	BH12B	BH13B	RDL	QC Batch	BH14A	BH14B	PO1-01A	RDL	PO1-01B	PO1-02A	RDL	QC Batch
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	0.0028	0.0043	0.0002	2600699	0.003	<0.001	<0.001	0.001	0.0006	0.0003	0.0002	2600699
Dissolved Antimony (Sb)	mg/L	0.00013	0.00003	0.00002	2600699	0.0002	0.0002	0.0002	0.0001	0.00005	0.00004	0.00002	2600699
Dissolved Arsenic (As)	mg/L	0.00013	0.00007	0.00002	2600699	0.0003	0.0003	0.0003	0.0001	0.00303	0.00062	0.00002	2600699
Dissolved Barium (Ba)	mg/L	0.0340	0.0446	0.00002	2600699	0.0231	0.0228	0.0578	0.0001	0.0683	0.0664	0.00002	2600699
Dissolved Beryllium (Be)	mg/L	<0.00001	<0.00001	0.00001	2600699	<0.00005	<0.00005	<0.00005	0.00005	0.00003	<0.00001	0.00001	2600699
Dissolved Bismuth (Bi)	mg/L	<0.000005	<0.000005	0.000005	2600699	<0.00003	<0.00003	<0.00003	0.00003	<0.000005	<0.000005	0.000005	2600699
Dissolved Boron (B)	mg/L	<0.05	<0.05	0.05	2600699	<0.3	<0.3	<0.3	0.3	<0.05	<0.05	0.05	2600699
Dissolved Cadmium (Cd)	mg/L	0.000334	0.000065	0.000005	2600699	0.00214	0.00144	0.00074	0.00003	<0.000005	0.000083	0.000005	2600699
Dissolved Chromium (Cr)	mg/L	0.0001	<0.0001	0.0001	2600699	<0.0005	<0.0005	<0.0005	0.0005	<0.0001	<0.0001	0.0001	2600699
Dissolved Cobalt (Co)	mg/L	0.000071	0.00264	0.000005	2600699	0.00008	0.00006	0.00116	0.00003	0.000128	0.000542	0.000005	2600699
Dissolved Copper (Cu)	mg/L	0.00214	0.00457	0.00005	2600699	0.0015	0.0010	<0.0003	0.0003	<0.00005	0.00029	0.00005	2600699
Dissolved Iron (Fe)	mg/L	0.005	0.010	0.001	2600699	0.021	0.008	0.005	0.005	0.770	0.016	0.001	2600699
Dissolved Lead (Pb)	mg/L	0.00140	0.000075	0.000005	2600699	0.00207	0.00071	0.00005	0.00003	0.000016	0.000031	0.000005	2600699
Dissolved Lithium (Li)	mg/L	0.0198	0.0177	0.0005	2600699	0.073	0.060	0.012	0.003	0.0118	0.0064	0.0005	2600699
Dissolved Manganese (Mn)	mg/L	0.00168	0.00107	0.00005	2600699	0.0093	0.0043	4.91	0.0003	0.0919	1.19	0.00005	2600699
Dissolved Mercury (Hg)	mg/L	<0.00001	<0.00001	0.00001	2600699	<0.00005	<0.00005	<0.00005	0.00005	<0.00001	<0.00001	0.00001	2600699
Dissolved Molybdenum (Mo)	mg/L	0.00028	0.00360	0.00005	2600699	0.0004	0.0004	0.0012	0.0003	0.00110	0.00177	0.00005	2600699
Dissolved Nickel (Ni)	mg/L	0.0110	0.0101	0.00002	2600699	0.0881	0.0505	0.0064	0.0001	0.00044	0.00239	0.00002	2600699
Dissolved Phosphorus (P)	mg/L	0.002	<0.002	0.002	2600699	<0.01	<0.01	<0.01	0.01	0.004	0.002	0.002	2600699
Dissolved Selenium (Se)	mg/L	0.00163	0.0196	0.00004	2600699	0.0012	0.0008	<0.0002	0.0002	<0.00004	<0.00004	0.00004	2600699
Dissolved Silicon (Si)	mg/L	5.4	3.4	0.1	2600699	8.8	7.8	5.3	0.5	5.1	4.5	0.1	2600699
Dissolved Silver (Ag)	mg/L	<0.000005	<0.000005	0.000005	2600699	0.00006	0.00006	0.00004	0.00003	<0.000005	<0.000005	0.000005	2600699
Dissolved Strontium (Sr)	mg/L	0.501	1.38	0.00005	2600699	4.05	3.44	0.909	0.0003	0.813	0.328	0.00005	2600699
Dissolved Thallium (Tl)	mg/L	0.000015	0.000017	0.000002	2600699	<0.00001	<0.00001	0.00001	0.00001	<0.000002	0.000012	0.000002	2600699
Dissolved Tin (Sn)	mg/L	0.00019	0.00001	0.00001	2600699	0.00006	0.00007	<0.00005	0.00005	<0.00001	<0.00001	0.00001	2600699
Dissolved Titanium (Ti)	mg/L	0.0006	<0.0005	0.0005	2600699	0.005	0.004	0.004	0.003	<0.0005	0.0005	0.0005	2600699
Dissolved Uranium (U)	mg/L	0.00553	0.00237	0.000002	2600699	0.153	0.147	0.00805	0.00001	0.00789	0.00298	0.000002	2600699
Dissolved Vanadium (V)	mg/L	<0.0002	<0.0002	0.0002	2600699	<0.001	<0.001	<0.001	0.001	<0.0002	<0.0002	0.0002	2600699
Dissolved Zinc (Zn)	mg/L	0.288	0.0020	0.0001	2600699	11.9	7.08	0.0037	0.0005	0.0006	0.0011	0.0001	2600699
Dissolved Zirconium (Zr)	mg/L	<0.0001	<0.0001	0.0001	2600699	<0.0005	<0.0005	<0.0005	0.0005	0.0007	<0.0001	0.0001	2600699
Dissolved Calcium (Ca)	mg/L	112	262	0.05	2621171	892	744	273	0.05	208	111	0.05	2610997
Dissolved Magnesium (Mg)	mg/L	70.3	99.8	0.05	2621171	370	288	59.8	0.05	38.6	25.7	0.05	2610997
Dissolved Potassium (K)	mg/L	3.01	3.64	0.05	2621171	4.18	3.96	5.96	0.05	4.14	2.90	0.05	2610997
Dissolved Sodium (Na)	mg/L	5.40	9.21	0.05	2621171	18.0	16.3	24.4	0.05	23.4	9.18	0.05	2610997
Dissolved Sulphur (S)	mg/L	134	336	3	2621171	1150	877	266	3	166	56	3	2610997

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76313		L76314		L76315	L76316		L76317		L76318		
Sampling Date		2008/09/17		2008/09/17		2008/09/17	2008/09/16		2008/09/16		2008/09/16		
	Units	**PO1-03**	**RDL**	**PO1-04A**	**RDL**	**PO1-04B**	**PO5-02**	**RDL**	**PO5-03**	**RDL**	**PO1-11**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	2020	0.5	480	0.5	885	1510	0.5	668	0.5	1590	0.5	2597630

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76313		L76314		L76315	L76316		L76317		L76318		
Sampling Date		2008/09/17		2008/09/17		2008/09/17	2008/09/16		2008/09/16		2008/09/16		
	Units	**PO1-03**	**RDL**	**PO1-04A**	**RDL**	**PO1-04B**	**PO5-02**	**RDL**	**PO5-03**	**RDL**	**PO1-11**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	<0.001	0.001	0.0016	0.0002	<0.001	<0.001	0.001	0.0016	0.0002	<0.001	0.001	2600699
Dissolved Antimony (Sb)	mg/L	0.0002	0.0001	<0.00002	0.00002	0.0001	0.0001	0.0001	0.00004	0.00002	0.0001	0.0001	2600699
Dissolved Arsenic (As)	mg/L	0.0004	0.0001	0.00034	0.00002	0.0014	0.0060	0.0001	0.00272	0.00002	0.0315	0.0001	2600699
Dissolved Barium (Ba)	mg/L	0.0135	0.0001	0.378	0.00002	0.0255	0.0457	0.0001	0.182	0.00002	0.0397	0.0001	2600699
Dissolved Beryllium (Be)	mg/L	<0.00005	0.00005	0.00019	0.00001	<0.00005	<0.00005	0.00005	<0.00001	0.00001	<0.00005	0.00005	2600699
Dissolved Bismuth (Bi)	mg/L	<0.00003	0.00003	<0.000005	0.000005	<0.00003	<0.00003	0.00003	<0.000005	0.000005	<0.00003	0.00003	2600699
Dissolved Boron (B)	mg/L	<0.3	0.3	<0.05	0.05	<0.3	<0.3	0.3	<0.05	0.05	<0.3	0.3	2600699
Dissolved Cadmium (Cd)	mg/L	0.00136	0.00003	0.000008	0.000005	<0.00003	0.00008	0.00003	0.000059	0.000005	<0.00003	0.00003	2600699
Dissolved Chromium (Cr)	mg/L	<0.0005	0.0005	<0.0001	0.0001	<0.0005	<0.0005	0.0005	<0.0001	0.0001	<0.0005	0.0005	2600699
Dissolved Cobalt (Co)	mg/L	0.106	0.00003	0.000148	0.000005	0.00024	0.00960	0.00003	0.00146	0.000005	0.00368	0.00003	2600699
Dissolved Copper (Cu)	mg/L	<0.0003	0.0003	<0.00005	0.00005	<0.0003	<0.0003	0.0003	0.00006	0.00005	<0.0003	0.0003	2600699
Dissolved Iron (Fe)	mg/L	0.320	0.005	0.590	0.001	6.44	6.22	0.005	3.06	0.001	36.2	0.005	2600699
Dissolved Lead (Pb)	mg/L	0.00010	0.00003	0.000012	0.000005	<0.00003	0.00011	0.00003	0.000028	0.000005	0.00010	0.00003	2600699
Dissolved Lithium (Li)	mg/L	0.019	0.003	0.140	0.0005	0.016	0.021	0.003	0.0063	0.0005	0.017	0.003	2600699
Dissolved Manganese (Mn)	mg/L	60.2	0.0003	0.226	0.00005	2.40	17.3	0.0003	7.25	0.00005	19.8	0.0003	2600699
Dissolved Mercury (Hg)	mg/L	<0.00005	0.00005	0.00001	0.00001	<0.00005	<0.00005	0.00005	<0.00001	0.00001	<0.00005	0.00005	2600699
Dissolved Molybdenum (Mo)	mg/L	<0.0003	0.0003	<0.00005	0.00005	0.0005	0.0004	0.0003	0.00465	0.00005	0.0011	0.0003	2600699
Dissolved Nickel (Ni)	mg/L	0.162	0.0001	0.00011	0.00002	0.0005	0.0105	0.0001	0.00227	0.00002	0.0074	0.0001	2600699
Dissolved Phosphorus (P)	mg/L	<0.01	0.01	0.014	0.002	<0.01	<0.01	0.01	0.029	0.002	<0.01	0.01	2600699
Dissolved Selenium (Se)	mg/L	<0.0002	0.0002	0.00005	0.00004	<0.0002	<0.0002	0.0002	<0.00004	0.00004	<0.0002	0.0002	2600699
Dissolved Silicon (Si)	mg/L	9.9	0.5	6.9	0.1	5.6	8.4	0.5	5.7	0.1	8.4	0.5	2600699
Dissolved Silver (Ag)	mg/L	<0.00003	0.00003	0.000166	0.000005	<0.00003	0.00019	0.00003	0.000010	0.000005	0.00010	0.00003	2600699
Dissolved Strontium (Sr)	mg/L	1.56	0.0003	1.62	0.00005	0.734	1.06	0.0003	0.527	0.00005	1.13	0.0003	2600699
Dissolved Thallium (Tl)	mg/L	0.00001	0.00001	<0.000002	0.000002	<0.00001	0.00004	0.00001	0.000008	0.000002	<0.00001	0.00001	2600699
Dissolved Tin (Sn)	mg/L	<0.00005	0.00005	<0.00001	0.00001	<0.00005	<0.00005	0.00005	0.00002	0.00001	<0.00005	0.00005	2600699
Dissolved Titanium (Ti)	mg/L	0.007	0.003	0.0012	0.0005	0.008	0.010	0.003	0.0009	0.0005	0.008	0.003	2600699
Dissolved Uranium (U)	mg/L	0.00709	0.00001	0.000346	0.000002	0.00431	0.00478	0.00001	0.00859	0.000002	0.00668	0.00001	2600699
Dissolved Vanadium (V)	mg/L	<0.001	0.001	0.0005	0.0002	<0.001	<0.001	0.001	<0.0002	0.0002	<0.001	0.001	2600699
Dissolved Zinc (Zn)	mg/L	0.0201	0.0005	0.0002	0.0001	<0.0005	0.0317	0.0005	0.0021	0.0001	0.0036	0.0005	2600699
Dissolved Zirconium (Zr)	mg/L	<0.0005	0.0005	0.0644	0.0001	0.0016	<0.0005	0.0005	<0.0001	0.0001	<0.0005	0.0005	2600699
Dissolved Calcium (Ca)	mg/L	605	0.05	128	0.05	283	468	0.05	205	0.05	494	0.05	2610997
Dissolved Magnesium (Mg)	mg/L	125	0.05	39.2	0.05	43.7	81.5	0.05	37.7	0.05	87.0	0.05	2610997
Dissolved Potassium (K)	mg/L	7.02	0.05	3.24	0.05	4.54	7.29	0.05	3.92	0.05	7.24	0.05	2610997
Dissolved Sodium (Na)	mg/L	39.8	0.05	64.8	0.05	43.2	43.9	0.05	24.2	0.05	43.2	0.05	2610997
Dissolved Sulphur (S)	mg/L	658	3	15	3	254	469	3	166	3	496	3	2610997

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76319	L76320	L76321		L76322	L76323		L76324		L76325		
Sampling Date		2008/09/18	2008/09/19	2008/09/19		2008/09/19	2008/09/19		2008/09/18		2008/09/18		
	Units	**P96-6**	**P96-7**	**P96-7B**	**RDL**	**P96-8A**	**P98-8B**	**RDL**	**P96-9A**	**RDL**	**BH05-9B-R**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	966	2510	2480	0.5	5280	4920	0.5	2060	0.5	220	0.5	2597630

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76319	L76320	L76321		L76322	L76323		L76324		L76325		
Sampling Date		2008/09/18	2008/09/19	2008/09/19		2008/09/19	2008/09/19		2008/09/18		2008/09/18		
	Units	**P96-6**	**P96-7**	**P96-7B**	**RDL**	**P96-8A**	**P98-8B**	**RDL**	**P96-9A**	**RDL**	**BH05-9B-R**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	<0.001	0.001	0.003	0.001	0.073	0.006	0.004	0.003	0.001	0.0078	0.0002	2600699
Dissolved Antimony (Sb)	mg/L	0.0001	0.0001	0.0001	0.0001	0.0005	0.0021	0.0004	0.0003	0.0001	0.00008	0.00002	2600699
Dissolved Arsenic (As)	mg/L	0.0004	0.0004	0.0003	0.0001	0.0011	0.0009	0.0004	0.0005	0.0001	0.0203	0.00002	2600699
Dissolved Barium (Ba)	mg/L	0.0274	0.0149	0.0148	0.0001	0.0251	0.0192	0.0004	0.0551	0.0001	0.0203	0.00002	2600699
Dissolved Beryllium (Be)	mg/L	0.00010	<0.00005	<0.00005	0.00005	0.0002	<0.0002	0.0002	<0.00005	0.00005	<0.00001	0.00001	2600699
Dissolved Bismuth (Bi)	mg/L	<0.00003	<0.00003	<0.00003	0.00003	<0.0001	<0.0001	0.0001	<0.00003	0.00003	0.000007	0.000005	2600699
Dissolved Boron (B)	mg/L	<0.3	<0.3	<0.3	0.3	<1	<1	1	<0.3	0.3	<0.05	0.05	2600699
Dissolved Cadmium (Cd)	mg/L	0.00040	0.00004	0.00005	0.00003	0.0489	0.195	0.0001	0.00116	0.00003	0.000012	0.000005	2600699
Dissolved Chromium (Cr)	mg/L	<0.0005	<0.0005	<0.0005	0.0005	<0.002	<0.002	0.002	<0.0005	0.0005	<0.0001	0.0001	2600699
Dissolved Cobalt (Co)	mg/L	0.00005	0.00004	0.00005	0.00003	0.629	0.359	0.0001	0.00262	0.00003	0.000097	0.000005	2600699
Dissolved Copper (Cu)	mg/L	0.0004	0.0005	0.0005	0.0003	0.004	0.004	0.001	0.0029	0.0003	0.00045	0.00005	2600699
Dissolved Iron (Fe)	mg/L	0.009	0.008	0.012	0.005	11.1	0.04	0.02	0.063	0.005	0.762	0.001	2600699
Dissolved Lead (Pb)	mg/L	0.00006	0.00003	0.00010	0.00003	0.0066	0.0011	0.0001	0.00009	0.00003	0.00614	0.000005	2600699
Dissolved Lithium (Li)	mg/L	0.041	0.032	0.032	0.003	0.16	0.19	0.01	0.007	0.003	0.0224	0.0005	2600699
Dissolved Manganese (Mn)	mg/L	0.0059	0.0005	0.0004	0.0003	73.7	75.6	0.001	0.420	0.0003	0.102	0.00005	2600699
Dissolved Mercury (Hg)	mg/L	<0.00005	<0.00005	<0.00005	0.00005	<0.0002	<0.0002	0.0002	<0.00005	0.00005	<0.00001	0.00001	2600699
Dissolved Molybdenum (Mo)	mg/L	<0.0003	0.0008	0.0008	0.0003	<0.001	<0.001	0.001	0.0010	0.0003	0.0122	0.00005	2600699
Dissolved Nickel (Ni)	mg/L	0.0229	0.0011	0.0010	0.0001	0.809	1.22	0.0004	0.0142	0.0001	0.00035	0.00002	2600699
Dissolved Phosphorus (P)	mg/L	<0.01	<0.01	<0.01	0.01	<0.04	<0.04	0.04	<0.01	0.01	0.027	0.002	2600699
Dissolved Selenium (Se)	mg/L	0.0051	0.0007	0.0006	0.0002	<0.0008	<0.0008	0.0008	0.0005	0.0002	<0.00004	0.00004	2600699
Dissolved Silicon (Si)	mg/L	9.1	5.3	5.2	0.5	10	7	2	5.1	0.5	5.2	0.1	2600699
Dissolved Silver (Ag)	mg/L	0.00011	0.00005	0.00005	0.00003	<0.0001	0.0001	0.0001	0.00006	0.00003	<0.000005	0.000005	2600699
Dissolved Strontium (Sr)	mg/L	0.832	0.767	0.766	0.0003	4.18	4.00	0.001	1.14	0.0003	1.18	0.00005	2600699
Dissolved Thallium (Tl)	mg/L	<0.00001	<0.00001	<0.00001	0.00001	0.00012	0.00004	0.00004	0.00005	0.00001	<0.000002	0.000002	2600699
Dissolved Tin (Sn)	mg/L	<0.00005	<0.00005	<0.00005	0.00005	<0.0002	<0.0002	0.0002	<0.00005	0.00005	0.00001	0.00001	2600699
Dissolved Titanium (Ti)	mg/L	0.006	0.006	0.006	0.003	<0.01	<0.01	0.01	0.006	0.003	0.0009	0.0005	2600699
Dissolved Uranium (U)	mg/L	0.0381	0.0306	0.0314	0.00001	0.00649	0.00328	0.00004	0.0329	0.00001	0.000809	0.000002	2600699
Dissolved Vanadium (V)	mg/L	<0.001	<0.001	<0.001	0.001	<0.004	<0.004	0.004	0.001	0.001	<0.0002	0.0002	2600699
Dissolved Zinc (Zn)	mg/L	0.745	0.0061	0.0072	0.0005	267	442	0.002	0.0158	0.0005	0.0047	0.0001	2600699
Dissolved Zirconium (Zr)	mg/L	<0.0005	<0.0005	<0.0005	0.0005	<0.002	<0.002	0.002	<0.0005	0.0005	<0.0001	0.0001	2600699
Dissolved Calcium (Ca)	mg/L	259	700	690	0.05	531	500	0.2	343	0.05	51.6	0.05	2610997
Dissolved Magnesium (Mg)	mg/L	77.4	184	183	0.05	961	892	0.2	293	0.05	22.1	0.05	2610997
Dissolved Potassium (K)	mg/L	4.29	6.07	5.95	0.05	17.3	16.8	0.2	4.95	0.05	1.92	0.05	2610997
Dissolved Sodium (Na)	mg/L	7.18	19.2	20.1	0.05	53.0	52.2	0.2	12.0	0.05	49.4	0.05	2610997
Dissolved Sulphur (S)	mg/L	247	840	829	3	2110	2070	10	618	3	64	3	2610997

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76326		L76327	L76328		L76329		L76330		L76331		
Sampling Date		2008/09/18		2008/09/18	2008/09/18		2008/09/18		2008/09/18		2008/09/18		
	Units	**P2001-02A**	**QC Batch**	**P2001-02B**	**SRK05-05C**	**RDL**	**SRK05-07**	**RDL**	**SRK05-08**	**QC Batch**	**SRK05-09**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	801	2597630	784	552	0.5	2210	0.5	1410	2597630	1490	0.5	2597630

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76326		L76327	L76328		L76329		L76330		L76331		
Sampling Date		2008/09/18		2008/09/18	2008/09/18		2008/09/18		2008/09/18		2008/09/18		
	Units	**P2001-02A**	**QC Batch**	**P2001-02B**	**SRK05-05C**	**RDL**	**SRK05-07**	**RDL**	**SRK05-08**	**QC Batch**	**SRK05-09**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	0.0040	2600706	0.0052	0.0262	0.0002	0.006	0.001	0.0037	2600706	0.0048	0.0002	2600706
Dissolved Antimony (Sb)	mg/L	0.00048	2600706	0.00022	0.00047	0.00002	0.0016	0.0001	0.00010	2600706	0.00041	0.00002	2600706
Dissolved Arsenic (As)	mg/L	0.0151	2600706	0.00729	0.00701	0.00002	0.0059	0.0001	0.00027	2600706	0.00127	0.00002	2600706
Dissolved Barium (Ba)	mg/L	0.0195	2600706	0.0219	0.143	0.00002	0.0727	0.0001	0.0153	2600706	0.0633	0.00002	2600706
Dissolved Beryllium (Be)	mg/L	<0.00001	2600706	<0.00001	<0.00001	0.00001	<0.00005	0.00005	<0.00001	2600706	<0.00001	0.00001	2600706
Dissolved Bismuth (Bi)	mg/L	<0.000005	2600706	<0.000005	<0.000005	0.000005	<0.00003	0.00003	<0.000005	2600706	<0.000005	0.000005	2600706
Dissolved Boron (B)	mg/L	<0.05	2600706	<0.05	<0.05	0.05	<0.3	0.3	<0.05	2600706	<0.05	0.05	2600706
Dissolved Cadmium (Cd)	mg/L	<0.000005	2600706	<0.000005	0.000023	0.000005	0.00015	0.00003	0.000017	2600706	0.000166	0.000005	2600706
Dissolved Chromium (Cr)	mg/L	<0.0001	2600706	<0.0001	<0.0001	0.0001	<0.0005	0.0005	0.0005	2600706	0.0002	0.0001	2600706
Dissolved Cobalt (Co)	mg/L	0.000545	2600706	0.000581	0.00147	0.000005	0.00424	0.00003	0.000616	2600706	0.000049	0.000005	2600706
Dissolved Copper (Cu)	mg/L	<0.00005	2600706	<0.00005	0.00041	0.00005	0.0011	0.0003	0.00166	2600706	0.00258	0.00005	2600706
Dissolved Iron (Fe)	mg/L	0.404	2600706	0.546	0.735	0.001	0.015	0.005	0.003	2600706	0.009	0.001	2600706
Dissolved Lead (Pb)	mg/L	0.000308	2600706	0.000223	0.00122	0.000005	0.00037	0.00003	0.000045	2600706	0.000540	0.000005	2600706
Dissolved Lithium (Li)	mg/L	0.0302	2600706	0.0278	0.0057	0.0005	0.006	0.003	0.0160	2600706	0.0081	0.0005	2600706
Dissolved Manganese (Mn)	mg/L	0.103	2600706	0.207	1.75	0.00005	0.106	0.0003	0.00022	2600706	0.00009	0.00005	2600706
Dissolved Mercury (Hg)	mg/L	<0.00001	2600706	<0.00001	<0.00001	0.00001	<0.00005	0.00005	<0.00001	2600706	<0.00001	0.00001	2600706
Dissolved Molybdenum (Mo)	mg/L	0.00218	2600706	0.00130	0.0159	0.00005	0.0010	0.0003	0.00060	2600706	0.00379	0.00005	2600706
Dissolved Nickel (Ni)	mg/L	0.00374	2600706	0.00199	0.00334	0.00002	0.113	0.0001	0.00098	2600706	0.00146	0.00002	2600706
Dissolved Phosphorus (P)	mg/L	<0.002	2600706	<0.002	0.007	0.002	<0.01	0.01	<0.002	2600706	0.002	0.002	2600706
Dissolved Selenium (Se)	mg/L	0.00005	2600706	<0.00004	0.00007	0.00004	0.0007	0.0002	0.00068	2600706	0.00068	0.00004	2600706
Dissolved Silicon (Si)	mg/L	6.1	2600706	5.4	5.1	0.1	6.9	0.5	5.9	2600706	3.8	0.1	2600706
Dissolved Silver (Ag)	mg/L	0.000014	2600706	0.000010	0.000013	0.000005	0.00012	0.00003	<0.000005	2600706	0.000005	0.000005	2600706
Dissolved Strontium (Sr)	mg/L	0.963	2600706	0.935	0.661	0.00005	1.36	0.0003	1.29	2600706	0.971	0.00005	2600706
Dissolved Thallium (Tl)	mg/L	0.000002	2600706	0.000003	0.000010	0.000002	0.00003	0.00001	0.000002	2600706	0.000009	0.000002	2600706
Dissolved Tin (Sn)	mg/L	0.00003	2600706	0.00003	0.00003	0.00001	0.00011	0.00005	<0.00001	2600706	0.00002	0.00001	2600706
Dissolved Titanium (Ti)	mg/L	0.0006	2600706	<0.0005	0.0014	0.0005	0.007	0.003	<0.0005	2600706	0.0007	0.0005	2600706
Dissolved Uranium (U)	mg/L	0.0231	2600706	0.0197	0.00726	0.000002	0.0214	0.00001	0.0200	2600706	0.0368	0.000002	2600706
Dissolved Vanadium (V)	mg/L	0.0003	2600706	<0.0002	0.0012	0.0002	<0.001	0.001	<0.0002	2600706	<0.0002	0.0002	2600706
Dissolved Zinc (Zn)	mg/L	0.0058	2600706	0.0072	0.0062	0.0001	0.0293	0.0005	0.0047	2600706	0.0055	0.0001	2600706
Dissolved Zirconium (Zr)	mg/L	0.0002	2600706	0.0002	0.0002	0.0001	0.0006	0.0005	<0.0001	2600706	0.0002	0.0001	2600706
Dissolved Calcium (Ca)	mg/L	182	2621171	180	132	0.05	510	0.05	303	2611002	283	0.05	2621171
Dissolved Magnesium (Mg)	mg/L	83.9	2621171	81.5	54.1	0.05	227	0.05	159	2611002	190	0.05	2621171
Dissolved Potassium (K)	mg/L	3.95	2621171	3.86	2.14	0.05	1.63	0.05	1.75	2611002	3.90	0.05	2621171
Dissolved Sodium (Na)	mg/L	6.41	2621171	7.91	14.4	0.05	13.9	0.05	9.54	2611002	8.78	0.05	2621171
Dissolved Sulphur (S)	mg/L	132	2621171	124	127	3	585	3	294	2611002	408	3	2621171

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76332	L76333	L76334	L76335	L76336	L76337		L76338		
Sampling Date		2008/09/19	2008/09/17	2008/09/18	2008/09/17	2008/09/17	2008/09/18		2008/09/18		
	Units	**SRK08-SPW1**	**TH86-17**	**TH2-86**	**TH15-86**	**TH86-14**	**R6C-PW3**	**QC Batch**	**V34**	**RDL**	**QC Batch**
Misc. Inorganics											
Dissolved Hardness (CaCO3)	mg/L	457	77.7	168	114	151	207	2597630	795	0.5	2597630

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76332	L76333	L76334	L76335	L76336	L76337		L76338		
Sampling Date		2008/09/19	2008/09/17	2008/09/18	2008/09/17	2008/09/17	2008/09/18		2008/09/18		
	Units	**SRK08-SPW1**	**TH86-17**	**TH2-86**	**TH15-86**	**TH86-14**	**R6C-PW3**	**QC Batch**	**V34**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS											
Dissolved Aluminum (Al)	mg/L	0.0441	0.0025	0.0026	0.0040	0.0033	0.0066	2600706	0.0051	0.0002	2600706
Dissolved Antimony (Sb)	mg/L	0.00035	0.00011	0.00020	0.00008	0.00017	0.00024	2600706	0.00007	0.00002	2600706
Dissolved Arsenic (As)	mg/L	0.00344	0.00028	0.00048	0.00025	0.00043	0.00187	2600706	0.00217	0.00002	2600706
Dissolved Barium (Ba)	mg/L	0.0285	0.0462	0.0859	0.0618	0.0823	0.0538	2600706	0.150	0.00002	2600706
Dissolved Beryllium (Be)	mg/L	0.00102	<0.00001	<0.00001	<0.00001	<0.00001	0.00003	2600706	<0.00001	0.00001	2600706
Dissolved Bismuth (Bi)	mg/L	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	2600706	<0.000005	0.000005	2600706
Dissolved Boron (B)	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	2600706	<0.05	0.05	2600706
Dissolved Cadmium (Cd)	mg/L	0.000127	0.000014	0.000037	0.000006	<0.000005	0.000165	2600706	0.000008	0.000005	2600706
Dissolved Chromium (Cr)	mg/L	0.0002	<0.0001	<0.0001	0.0001	<0.0001	0.0002	2600706	<0.0001	0.0001	2600706
Dissolved Cobalt (Co)	mg/L	0.0115	0.000067	0.000240	0.000204	0.000941	0.00187	2600706	0.000924	0.000005	2600706
Dissolved Copper (Cu)	mg/L	0.00038	0.00094	0.00137	0.00056	0.00033	0.00020	2600706	0.00009	0.00005	2600706
Dissolved Iron (Fe)	mg/L	20.6	0.145	0.252	0.299	0.616	23.2	2600706	0.977	0.001	2600706
Dissolved Lead (Pb)	mg/L	0.00102	0.000025	0.000022	0.000013	0.000253	0.000496	2600706	0.000626	0.000005	2600706
Dissolved Lithium (Li)	mg/L	0.0631	0.0047	0.0041	0.0044	0.0048	0.0189	2600706	0.0183	0.0005	2600706
Dissolved Manganese (Mn)	mg/L	1.28	0.00280	0.00847	0.0107	0.0855	0.0921	2600706	0.0847	0.00005	2600706
Dissolved Mercury (Hg)	mg/L	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	2600706	<0.00001	0.00001	2600706
Dissolved Molybdenum (Mo)	mg/L	0.00015	0.00054	0.00277	0.00073	0.00183	0.00344	2600706	0.00300	0.00005	2600706
Dissolved Nickel (Ni)	mg/L	0.0264	0.00151	0.00720	0.00163	0.00391	0.0328	2600706	0.00138	0.00002	2600706
Dissolved Phosphorus (P)	mg/L	0.005	<0.002	<0.002	<0.002	0.002	0.006	2600706	0.012	0.002	2600706
Dissolved Selenium (Se)	mg/L	<0.00004	0.00019	0.00047	0.00026	0.00036	0.00025	2600706	<0.00004	0.00004	2600706
Dissolved Silicon (Si)	mg/L	13.3	4.8	4.7	4.5	4.7	6.4	2600706	5.1	0.1	2600706
Dissolved Silver (Ag)	mg/L	0.000006	0.000005	<0.000005	<0.000005	0.000025	0.000029	2600706	0.000012	0.000005	2600706
Dissolved Strontium (Sr)	mg/L	0.521	0.0949	0.236	0.152	0.203	0.295	2600706	1.18	0.00005	2600706
Dissolved Thallium (Tl)	mg/L	0.000003	<0.000002	<0.000002	<0.000002	<0.000002	0.000002	2600706	<0.000002	0.000002	2600706
Dissolved Tin (Sn)	mg/L	<0.00001	<0.00001	0.00003	<0.00001	0.00001	0.00002	2600706	0.00006	0.00001	2600706
Dissolved Titanium (Ti)	mg/L	0.0009	0.0007	<0.0005	0.0006	0.0008	0.0008	2600706	0.0009	0.0005	2600706
Dissolved Uranium (U)	mg/L	0.000666	0.000383	0.00327	0.00133	0.00210	0.00148	2600706	0.0148	0.000002	2600706
Dissolved Vanadium (V)	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	2600706	<0.0002	0.0002	2600706
Dissolved Zinc (Zn)	mg/L	1.28	0.0116	0.0071	0.0072	0.0087	0.978	2600706	0.0022	0.0001	2600706
Dissolved Zirconium (Zr)	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	2600706	0.0003	0.0001	2600706
Dissolved Calcium (Ca)	mg/L	116	22.8	50.3	34.0	45.9	59.9	2611002	119	0.05	2621171
Dissolved Magnesium (Mg)	mg/L	40.4	5.07	10.2	6.98	8.82	14.0	2611002	121	0.05	2621171
Dissolved Potassium (K)	mg/L	4.55	0.72	1.46	1.32	1.44	1.56	2611002	3.73	0.05	2621171
Dissolved Sodium (Na)	mg/L	10.2	1.86	3.16	2.52	2.77	4.73	2611002	6.62	0.05	2621171
Dissolved Sulphur (S)	mg/L	81	6	16	8	14	28	2611002	72	3	2621171

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76339		L76340		L76341	L76342	L76343	L76344	L76345		
Sampling Date		2008/09/18		2008/09/18		2008/09/18	2008/09/16	2008/09/16	2008/09/16	2008/09/16		
	Units	**V35**	**QC Batch**	**V36**	**QC Batch**	**V37**	**X16A**	**X16B**	**X17A**	**X17B**	**RDL**	**QC Batch**
Misc. Inorganics												
Dissolved Hardness (CaCO3)	mg/L	874	2597630	961	2597630	482	202	220	260	338	0.5	2597630

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76339		L76340		L76341	L76342	L76343	L76344	L76345		
Sampling Date		2008/09/18		2008/09/18		2008/09/18	2008/09/16	2008/09/16	2008/09/16	2008/09/16		
	Units	**V35**	**QC Batch**	**V36**	**QC Batch**	**V37**	**X16A**	**X16B**	**X17A**	**X17B**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS												
Dissolved Aluminum (Al)	mg/L	0.0008	2600706	0.0006	2600706	0.0022	0.0018	0.0009	0.0005	0.0005	0.0002	2600706
Dissolved Antimony (Sb)	mg/L	0.00029	2600706	0.00026	2600706	0.00005	0.00022	0.00012	0.00009	<0.00002	0.00002	2600706
Dissolved Arsenic (As)	mg/L	0.00059	2600706	0.00208	2600706	0.00256	0.00022	0.00015	0.00048	0.00024	0.00002	2600706
Dissolved Barium (Ba)	mg/L	0.0145	2600706	0.00904	2600706	0.129	0.100	0.129	0.151	0.233	0.00002	2600706
Dissolved Beryllium (Be)	mg/L	<0.00001	2600706	<0.00001	2600706	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	0.00001	2600706
Dissolved Bismuth (Bi)	mg/L	<0.000005	2600706	<0.000005	2600706	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	0.000005	2600706
Dissolved Boron (B)	mg/L	<0.05	2600706	<0.05	2600706	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	2600706
Dissolved Cadmium (Cd)	mg/L	0.000038	2600706	0.000182	2600706	0.000013	0.000073	0.000011	0.000030	<0.000005	0.000005	2600706
Dissolved Chromium (Cr)	mg/L	0.0007	2600706	<0.0001	2600706	<0.0001	0.0001	0.0001	<0.0001	<0.0001	0.0001	2600706
Dissolved Cobalt (Co)	mg/L	0.000066	2600706	0.00101	2600706	0.000288	0.000023	0.000013	0.000013	0.000022	0.000005	2600706
Dissolved Copper (Cu)	mg/L	0.00030	2600706	0.00157	2600706	0.00011	0.00032	0.00020	0.00033	<0.00005	0.00005	2600706
Dissolved Iron (Fe)	mg/L	0.007	2600706	0.005	2600706	0.665	0.008	0.003	0.002	0.810	0.001	2600706
Dissolved Lead (Pb)	mg/L	0.000203	2600706	0.00124	2600706	0.000267	0.000052	0.000051	0.000060	0.000011	0.000005	2600706
Dissolved Lithium (Li)	mg/L	0.0178	2600706	0.0340	2600706	0.0248	0.0026	0.0029	0.0035	0.0252	0.0005	2600706
Dissolved Manganese (Mn)	mg/L	0.00353	2600706	0.0146	2600706	0.0896	0.00399	0.00036	0.0112	0.256	0.00005	2600706
Dissolved Mercury (Hg)	mg/L	<0.00001	2600706	<0.00001	2600706	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	2600706
Dissolved Molybdenum (Mo)	mg/L	0.00147	2600706	0.00043	2600706	0.0226	0.00217	0.00175	0.00118	0.00109	0.00005	2600706
Dissolved Nickel (Ni)	mg/L	0.00169	2600706	0.00684	2600706	0.00091	0.00035	0.00044	0.00033	0.00007	0.00002	2600706
Dissolved Phosphorus (P)	mg/L	0.021	2600706	0.002	2600706	0.021	0.002	<0.002	0.017	0.030	0.002	2600706
Dissolved Selenium (Se)	mg/L	0.00271	2600706	0.00329	2600706	<0.00004	0.00104	0.00177	0.00060	<0.00004	0.00004	2600706
Dissolved Silicon (Si)	mg/L	4.7	2600706	5.0	2600706	2.7	4.5	4.0	4.4	4.9	0.1	2600706
Dissolved Silver (Ag)	mg/L	0.000008	2600706	<0.000005	2600706	<0.000005	0.000005	<0.000005	<0.000005	0.000011	0.000005	2600706
Dissolved Strontium (Sr)	mg/L	0.576	2600706	1.01	2600706	0.534	0.165	0.179	0.205	0.416	0.00005	2600706
Dissolved Thallium (Tl)	mg/L	0.000014	2600706	0.000026	2600706	<0.000002	0.000003	0.000002	<0.000002	<0.000002	0.000002	2600706
Dissolved Tin (Sn)	mg/L	0.00003	2600706	0.00001	2600706	0.00004	0.00002	<0.00001	0.00007	<0.00001	0.00001	2600706
Dissolved Titanium (Ti)	mg/L	0.0005	2600706	0.0006	2600706	<0.0005	<0.0005	0.0006	<0.0005	0.0005	0.0005	2600706
Dissolved Uranium (U)	mg/L	0.0329	2600706	0.0203	2600706	0.00130	0.00220	0.00205	0.00305	0.00261	0.000002	2600706
Dissolved Vanadium (V)	mg/L	<0.0002	2600706	<0.0002	2600706	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	2600706
Dissolved Zinc (Zn)	mg/L	0.0014	2600706	0.0365	2600706	0.0014	0.0049	0.0006	0.0031	0.0002	0.0001	2600706
Dissolved Zirconium (Zr)	mg/L	0.0002	2600706	<0.0001	2600706	0.0002	<0.0001	<0.0001	<0.0001	0.0017	0.0001	2600706
Dissolved Calcium (Ca)	mg/L	196	2611002	205	2621171	67.5	58.9	61.4	72.0	93.1	0.05	2611002
Dissolved Magnesium (Mg)	mg/L	93.5	2611002	109	2621171	76.1	13.3	16.1	19.4	25.6	0.05	2611002
Dissolved Potassium (K)	mg/L	3.22	2611002	3.85	2621171	5.93	1.29	1.20	1.27	2.51	0.05	2611002
Dissolved Sodium (Na)	mg/L	5.88	2611002	6.61	2621171	23.1	2.14	1.97	2.69	14.9	0.05	2611002
Dissolved Sulphur (S)	mg/L	165	2611002	210	2621171	37	18	10	14	23	3	2611002

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76346	L76347		L76348		L76349		L76350		L76351		
Sampling Date		2008/09/16	2008/09/16		2008/09/17		2008/09/17		2008/09/17		2008/09/17		
	Units	**X18A**	**X18B**	**RDL**	**X21A-96**	**RDL**	**X21B-96**	**RDL**	**X21C-96**	**RDL**	**X24A-96**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	810	456	0.5	2610	0.5	828	0.5	2610	0.5	1760	0.5	2597630

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76346	L76347		L76348		L76349		L76350		L76351		
Sampling Date		2008/09/16	2008/09/16		2008/09/17		2008/09/17		2008/09/17		2008/09/17		
	Units	**X18A**	**X18B**	**RDL**	**X21A-96**	**RDL**	**X21B-96**	**RDL**	**X21C-96**	**RDL**	**X24A-96**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	0.0017	0.0004	0.0002	0.09	0.02	0.003	0.001	0.10	0.02	<0.001	0.001	2600730
Dissolved Antimony (Sb)	mg/L	0.00003	0.00006	0.00002	<0.002	0.002	0.0001	0.0001	<0.002	0.002	0.0001	0.0001	2600730
Dissolved Arsenic (As)	mg/L	0.00907	0.00031	0.00002	0.008	0.002	0.0055	0.0001	0.009	0.002	0.0004	0.0001	2600730
Dissolved Barium (Ba)	mg/L	0.161	0.0613	0.00002	0.004	0.002	0.0207	0.0001	0.004	0.002	0.0208	0.0001	2600730
Dissolved Beryllium (Be)	mg/L	<0.00001	<0.00001	0.00001	0.003	0.001	<0.00005	0.00005	0.002	0.001	<0.00005	0.00005	2600730
Dissolved Bismuth (Bi)	mg/L	<0.000005	<0.000005	0.000005	<0.0005	0.0005	<0.00003	0.00003	<0.0005	0.0005	<0.00003	0.00003	2600730
Dissolved Boron (B)	mg/L	<0.05	<0.05	0.05	<5	5	<0.3	0.3	<5	5	<0.3	0.3	2600730
Dissolved Cadmium (Cd)	mg/L	<0.000005	0.000261	0.000005	0.0007	0.0005	0.00017	0.00003	0.0006	0.0005	0.00073	0.00003	2600730
Dissolved Chromium (Cr)	mg/L	<0.0001	<0.0001	0.0001	<0.01	0.01	<0.0005	0.0005	<0.01	0.01	<0.0005	0.0005	2600730
Dissolved Cobalt (Co)	mg/L	0.000286	0.000459	0.000005	0.0723	0.0005	0.0126	0.00003	0.0708	0.0005	0.0900	0.00003	2600730
Dissolved Copper (Cu)	mg/L	<0.00005	0.00062	0.00005	<0.005	0.005	<0.0003	0.0003	<0.005	0.005	0.0005	0.0003	2600730
Dissolved Iron (Fe)	mg/L	2.23	0.009	0.001	5780	0.1	82.3	0.005	6010	0.1	6.30	0.005	2600730
Dissolved Lead (Pb)	mg/L	0.000042	0.000047	0.000005	0.0063	0.0005	0.00005	0.00003	0.0119	0.0005	0.00007	0.00003	2600730
Dissolved Lithium (Li)	mg/L	0.0104	0.0080	0.0005	0.12	0.05	0.013	0.003	0.11	0.05	0.015	0.003	2600730
Dissolved Manganese (Mn)	mg/L	1.25	1.74	0.00005	302	0.005	26.8	0.0003	300	0.005	48.0	0.0003	2600730
Dissolved Mercury (Hg)	mg/L	<0.00001	<0.00001	0.00001	<0.001	0.001	<0.00005	0.00005	<0.001	0.001	<0.00005	0.00005	2600730
Dissolved Molybdenum (Mo)	mg/L	0.00105	0.00124	0.00005	<0.005	0.005	0.0009	0.0003	<0.005	0.005	<0.0003	0.0003	2600730
Dissolved Nickel (Ni)	mg/L	0.00078	0.00945	0.00002	0.037	0.002	0.0175	0.0001	0.031	0.002	0.0733	0.0001	2600730
Dissolved Phosphorus (P)	mg/L	0.056	0.004	0.002	<0.2	0.2	<0.01	0.01	<0.2	0.2	<0.01	0.01	2600730
Dissolved Selenium (Se)	mg/L	<0.00004	0.00119	0.00004	<0.004	0.004	<0.0002	0.0002	<0.004	0.004	<0.0002	0.0002	2600730
Dissolved Silicon (Si)	mg/L	5.8	5.0	0.1	<10	10	7.5	0.5	<10	10	7.7	0.5	2600730
Dissolved Silver (Ag)	mg/L	<0.000005	<0.000005	0.000005	0.0011	0.0005	0.00011	0.00003	0.0006	0.0005	<0.00003	0.00003	2600730
Dissolved Strontium (Sr)	mg/L	0.978	0.427	0.00005	0.587	0.005	0.651	0.0003	0.587	0.005	1.37	0.0003	2600730
Dissolved Thallium (Tl)	mg/L	<0.000002	0.000006	0.000002	<0.0002	0.0002	0.00003	0.00001	<0.0002	0.0002	0.00005	0.00001	2600730
Dissolved Tin (Sn)	mg/L	<0.00001	<0.00001	0.00001	<0.001	0.001	<0.00005	0.00005	<0.001	0.001	<0.00005	0.00005	2600730
Dissolved Titanium (Ti)	mg/L	<0.0005	<0.0005	0.0005	<0.05	0.05	0.009	0.003	<0.05	0.05	0.005	0.003	2600730
Dissolved Uranium (U)	mg/L	0.00778	0.00582	0.000002	0.0008	0.0002	0.00322	0.00001	0.0009	0.0002	0.00911	0.00001	2600730
Dissolved Vanadium (V)	mg/L	<0.0002	<0.0002	0.0002	<0.02	0.02	<0.001	0.001	<0.02	0.02	<0.001	0.001	2600730
Dissolved Zinc (Zn)	mg/L	0.0008	0.0020	0.0001	60.9	0.01	0.280	0.0005	60.9	0.01	0.0123	0.0005	2600730
Dissolved Zirconium (Zr)	mg/L	0.0001	<0.0001	0.0001	<0.01	0.01	<0.0005	0.0005	<0.01	0.01	<0.0005	0.0005	2600730
Dissolved Calcium (Ca)	mg/L	234	134	0.05	296	1	253	0.05	296	1	523	0.05	2611003
Dissolved Magnesium (Mg)	mg/L	55.0	29.8	0.05	453	1	47.7	0.05	454	1	111	0.05	2611003
Dissolved Potassium (K)	mg/L	5.99	5.15	0.05	11	1	4.27	0.05	11	1	6.54	0.05	2611003
Dissolved Sodium (Na)	mg/L	22.7	11.6	0.05	55	1	53.3	0.05	54	1	32.4	0.05	2611003
Dissolved Sulphur (S)	mg/L	221	72	3	4250	60	323	3	4300	60	565	3	2611003

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76352			L76353	L76354	L76355	L76356	L76357	L76358		
Sampling Date		2008/09/17			2008/09/16	2008/09/16	2008/09/16	2008/09/17	2008/09/17	2008/09/17		
	Units	**X24D-96**	**RDL**	**QC Batch**	**X25A-96**	**X25B-96**	**X25C-96**	**P03-01-01**	**P03-01-02**	**P03-01-03**	**RDL**	**QC Batch**
Misc. Inorganics												
Dissolved Hardness (CaCO3)	mg/L	2390	0.5	2597630	602	625	596	208	207	159	0.5	2597630

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76352			L76353	L76354	L76355	L76356	L76357	L76358		
Sampling Date		2008/09/17			2008/09/16	2008/09/16	2008/09/16	2008/09/17	2008/09/17	2008/09/17		
	Units	**X24D-96**	**RDL**	**QC Batch**	**X25A-96**	**X25B-96**	**X25C-96**	**P03-01-01**	**P03-01-02**	**P03-01-03**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS												
Dissolved Aluminum (Al)	mg/L	<0.001	0.001	2600730	0.0013	0.0010	0.0007	0.0020	0.0021	0.0021	0.0002	2600730
Dissolved Antimony (Sb)	mg/L	0.0001	0.0001	2600730	0.00005	0.00002	0.00003	<0.00002	<0.00002	0.00013	0.00002	2600730
Dissolved Arsenic (As)	mg/L	0.0004	0.0001	2600730	0.00025	0.00058	0.00059	0.0114	0.00103	0.00015	0.00002	2600730
Dissolved Barium (Ba)	mg/L	0.0205	0.0001	2600730	0.0458	0.0267	0.0281	0.0866	0.108	0.0548	0.00002	2600730
Dissolved Beryllium (Be)	mg/L	<0.00005	0.00005	2600730	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	2600730
Dissolved Bismuth (Bi)	mg/L	<0.00003	0.00003	2600730	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	0.000005	2600730
Dissolved Boron (B)	mg/L	<0.3	0.3	2600730	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	2600730
Dissolved Cadmium (Cd)	mg/L	0.00288	0.00003	2600730	0.000092	0.000022	0.000024	<0.000005	<0.000005	0.000029	0.000005	2600730
Dissolved Chromium (Cr)	mg/L	<0.0005	0.0005	2600730	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	0.0001	2600730
Dissolved Cobalt (Co)	mg/L	0.0785	0.00003	2600730	0.00545	0.000223	0.000229	0.00220	0.000775	0.000015	0.000005	2600730
Dissolved Copper (Cu)	mg/L	0.0017	0.0003	2600730	0.00053	0.00012	0.00014	<0.00005	<0.00005	0.00033	0.00005	2600730
Dissolved Iron (Fe)	mg/L	0.110	0.005	2600730	0.036	0.781	0.870	4.49	0.442	0.002	0.001	2600730
Dissolved Lead (Pb)	mg/L	0.00004	0.00003	2600730	0.000034	0.000012	0.000033	0.000055	0.000018	0.000034	0.000005	2600730
Dissolved Lithium (Li)	mg/L	0.026	0.003	2600730	0.0036	0.0086	0.0089	0.0140	0.0047	0.0042	0.0005	2600730
Dissolved Manganese (Mn)	mg/L	61.8	0.0003	2600730	6.85	0.189	0.180	0.139	0.786	0.00029	0.00005	2600730
Dissolved Mercury (Hg)	mg/L	<0.00005	0.00005	2600730	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	2600730
Dissolved Molybdenum (Mo)	mg/L	0.0005	0.0003	2600730	0.00221	0.00038	0.00040	0.00332	0.00623	0.00033	0.00005	2600730
Dissolved Nickel (Ni)	mg/L	0.271	0.0001	2600730	0.00421	0.00072	0.00075	0.00007	0.00065	0.00093	0.00002	2600730
Dissolved Phosphorus (P)	mg/L	<0.01	0.01	2600730	0.003	0.006	0.007	0.028	<0.002	<0.002	0.002	2600730
Dissolved Selenium (Se)	mg/L	<0.0002	0.0002	2600730	<0.00004	<0.00004	<0.00004	<0.00004	<0.00004	0.00054	0.00004	2600730
Dissolved Silicon (Si)	mg/L	8.8	0.5	2600730	5.9	4.0	4.4	6.1	4.0	5.1	0.1	2600730
Dissolved Silver (Ag)	mg/L	0.00004	0.00003	2600730	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	0.000005	2600730
Dissolved Strontium (Sr)	mg/L	1.67	0.0003	2600730	0.451	0.420	0.418	0.352	0.264	0.215	0.00005	2600730
Dissolved Thallium (Tl)	mg/L	0.00019	0.00001	2600730	0.000013	0.000005	0.000006	<0.000002	<0.000002	0.000004	0.000002	2600730
Dissolved Tin (Sn)	mg/L	<0.00005	0.00005	2600730	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	2600730
Dissolved Titanium (Ti)	mg/L	0.005	0.003	2600730	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	2600730
Dissolved Uranium (U)	mg/L	0.00603	0.00001	2600730	0.0103	0.00539	0.00557	0.000403	0.00323	0.00238	0.000002	2600730
Dissolved Vanadium (V)	mg/L	<0.001	0.001	2600730	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	2600730
Dissolved Zinc (Zn)	mg/L	0.0822	0.0005	2600730	0.0014	0.0002	0.0006	0.0046	0.0132	0.0048	0.0001	2600730
Dissolved Zirconium (Zr)	mg/L	<0.0005	0.0005	2600730	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	2600730
Dissolved Calcium (Ca)	mg/L	710	0.05	2621171	178	200	190	62.7	64.2	49.7	0.05	2611003
Dissolved Magnesium (Mg)	mg/L	150	0.05	2621171	38.1	30.7	29.4	12.5	11.3	8.38	0.05	2611003
Dissolved Potassium (K)	mg/L	8.07	0.05	2621171	4.68	3.57	3.43	2.24	2.68	1.37	0.05	2611003
Dissolved Sodium (Na)	mg/L	47.6	0.05	2621171	25.7	49.7	47.3	7.14	5.31	2.67	0.05	2611003
Dissolved Sulphur (S)	mg/L	810	3	2621171	142	159	154	7	8	20	3	2611003

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76359			L76360		L76361		L76362		L76363		
Sampling Date		2008/09/17			2008/09/17		2008/09/17		2008/09/17		2008/09/17		
	Units	**P03-01-04**	**RDL**	**QC Batch**	**P03-01-06**	**RDL**	**P03-01-07**	**RDL**	**P03-01-08**	**RDL**	**P03-04-02**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	87.4	0.5	2597630	150	0.5	508	0.5	525	0.5	865	0.5	2600177

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76359			L76360		L76361		L76362		L76363		
Sampling Date		2008/09/17			2008/09/17		2008/09/17		2008/09/17		2008/09/17		
	Units	**P03-01-04**	**RDL**	**QC Batch**	**P03-01-06**	**RDL**	**P03-01-07**	**RDL**	**P03-01-08**	**RDL**	**P03-04-02**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	0.0063	0.0002	2600730	0.019	0.001	<0.002	0.002	<0.004	0.004	0.0032	0.0002	2600730
Dissolved Antimony (Sb)	mg/L	0.00006	0.00002	2600730	<0.0001	0.0001	<0.0002	0.0002	<0.0004	0.0004	0.00003	0.00002	2600730
Dissolved Arsenic (As)	mg/L	0.00010	0.00002	2600730	0.0084	0.0001	0.0014	0.0002	0.0006	0.0004	0.00018	0.00002	2600730
Dissolved Barium (Ba)	mg/L	0.0284	0.00002	2600730	0.0516	0.0001	0.0130	0.0002	0.0045	0.0004	0.0158	0.00002	2600730
Dissolved Beryllium (Be)	mg/L	0.00001	0.00001	2600730	<0.00005	0.00005	<0.0001	0.0001	<0.0002	0.0002	0.00002	0.00001	2600730
Dissolved Bismuth (Bi)	mg/L	<0.000005	0.000005	2600730	<0.00003	0.00003	<0.00005	0.00005	<0.0001	0.0001	<0.000005	0.000005	2600730
Dissolved Boron (B)	mg/L	<0.05	0.05	2600730	<0.3	0.3	<0.5	0.5	<1	1	<0.05	0.05	2600730
Dissolved Cadmium (Cd)	mg/L	0.00136	0.000005	2600730	<0.00003	0.00003	<0.00005	0.00005	<0.0001	0.0001	0.00214	0.000005	2600730
Dissolved Chromium (Cr)	mg/L	<0.0001	0.0001	2600730	<0.0005	0.0005	<0.001	0.001	<0.002	0.002	0.0002	0.0001	2600730
Dissolved Cobalt (Co)	mg/L	0.00934	0.000005	2600730	0.0457	0.00003	0.00612	0.00005	0.0025	0.0001	0.106	0.000005	2600730
Dissolved Copper (Cu)	mg/L	0.00232	0.00005	2600730	<0.0003	0.0003	<0.0005	0.0005	<0.001	0.001	0.00025	0.00005	2600730
Dissolved Iron (Fe)	mg/L	0.004	0.001	2600730	123	0.005	505	0.01	1520	0.02	0.103	0.001	2600730
Dissolved Lead (Pb)	mg/L	0.000092	0.000005	2600730	0.00020	0.00003	0.00035	0.00005	0.0010	0.0001	0.000091	0.000005	2600730
Dissolved Lithium (Li)	mg/L	0.0217	0.0005	2600730	0.007	0.003	0.086	0.005	0.05	0.01	0.0153	0.0005	2600730
Dissolved Manganese (Mn)	mg/L	6.46	0.00005	2600730	4.38	0.0003	4.93	0.0005	10.4	0.001	30.6	0.00005	2600730
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	2600730	<0.00005	0.00005	<0.0001	0.0001	<0.0002	0.0002	<0.00001	0.00001	2600730
Dissolved Molybdenum (Mo)	mg/L	0.00006	0.00005	2600730	<0.0003	0.0003	0.0982	0.0005	0.086	0.001	0.00015	0.00005	2600730
Dissolved Nickel (Ni)	mg/L	0.177	0.00002	2600730	0.0416	0.0001	0.0032	0.0002	0.0014	0.0004	0.152	0.00002	2600730
Dissolved Phosphorus (P)	mg/L	<0.002	0.002	2600730	<0.01	0.01	<0.02	0.02	<0.04	0.04	<0.002	0.002	2600730
Dissolved Selenium (Se)	mg/L	0.00015	0.00004	2600730	<0.0002	0.0002	<0.0004	0.0004	<0.0008	0.0008	<0.00004	0.00004	2600730
Dissolved Silicon (Si)	mg/L	6.5	0.1	2600730	5.6	0.5	3	1	<2	2	9.8	0.1	2600730
Dissolved Silver (Ag)	mg/L	<0.000005	0.000005	2600730	0.00015	0.00003	0.00006	0.00005	0.0003	0.0001	<0.000005	0.000005	2600730
Dissolved Strontium (Sr)	mg/L	0.0933	0.00005	2600730	0.153	0.0003	0.315	0.0005	0.253	0.001	0.617	0.00005	2600730
Dissolved Thallium (Tl)	mg/L	0.000009	0.000002	2600730	0.00004	0.00001	0.00004	0.00002	0.00013	0.00004	0.000026	0.000002	2600730
Dissolved Tin (Sn)	mg/L	<0.00001	0.00001	2600730	<0.00005	0.00005	<0.0001	0.0001	<0.0002	0.0002	<0.00001	0.00001	2600730
Dissolved Titanium (Ti)	mg/L	<0.0005	0.0005	2600730	0.005	0.003	<0.005	0.005	<0.01	0.01	<0.0005	0.0005	2600730
Dissolved Uranium (U)	mg/L	0.000044	0.000002	2600730	0.00004	0.00001	<0.00002	0.00002	<0.00004	0.00004	0.000631	0.000002	2600730
Dissolved Vanadium (V)	mg/L	<0.0002	0.0002	2600730	<0.001	0.001	<0.002	0.002	<0.004	0.004	<0.0002	0.0002	2600730
Dissolved Zinc (Zn)	mg/L	2.51	0.0001	2600730	5.45	0.0005	20.8	0.001	149	0.002	0.0426	0.0001	2600730
Dissolved Zirconium (Zr)	mg/L	<0.0001	0.0001	2600730	<0.0005	0.0005	<0.001	0.001	<0.002	0.002	<0.0001	0.0001	2600730
Dissolved Calcium (Ca)	mg/L	27.5	0.05	2611003	37.9	0.05	107	0.05	87.3	0.2	263	0.05	2611003
Dissolved Magnesium (Mg)	mg/L	4.57	0.05	2611003	13.3	0.05	58.2	0.05	74.5	0.2	50.6	0.05	2611003
Dissolved Potassium (K)	mg/L	1.45	0.05	2611003	2.82	0.05	34.7	0.05	24.8	0.2	4.22	0.05	2611003
Dissolved Sodium (Na)	mg/L	2.68	0.05	2611003	15.3	0.05	509	0.05	364	0.2	22.7	0.05	2611003
Dissolved Sulphur (S)	mg/L	26	3	2611003	122	3	890(1)	6	1420	10	301	3	2611003

RDL = Reportable Detection Limit
(1) - Detection limits raised due to sample matrix.

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76364	L76365			L76366		L76367		L76368		
Sampling Date		2008/09/17	2008/09/17			2008/09/17		2008/09/17		2008/09/16		
	Units	**P03-04-04**	**P03-04-05**	**RDL**	**QC Batch**	**P03-04-06**	**RDL**	**P03-01-09**	**RDL**	**P03-08-01**	**RDL**	**QC Batch**
Misc. Inorganics												
Dissolved Hardness (CaCO3)	mg/L	514	222	0.5	2600177	1650	0.5	5830	0.5	287	0.5	2600177

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76364	L76365			L76366		L76367		L76368		
Sampling Date		2008/09/17	2008/09/17			2008/09/17		2008/09/17		2008/09/16		
	Units	**P03-04-04**	**P03-04-05**	**RDL**	**QC Batch**	**P03-04-06**	**RDL**	**P03-01-09**	**RDL**	**P03-08-01**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS												
Dissolved Aluminum (Al)	mg/L	0.0064	0.0073	0.0002	2600730	<0.01	0.01	<0.4	0.4	<0.002	0.002	2604126
Dissolved Antimony (Sb)	mg/L	0.00003	0.00006	0.00002	2600730	<0.001	0.001	<0.04	0.04	<0.0002	0.0002	2604126
Dissolved Arsenic (As)	mg/L	0.00607	0.00016	0.00002	2600730	0.015	0.001	<0.04	0.04	0.0004	0.0002	2604126
Dissolved Barium (Ba)	mg/L	0.0550	0.0490	0.00002	2600730	0.008	0.001	<0.04	0.04	0.0815	0.0002	2604126
Dissolved Beryllium (Be)	mg/L	<0.00001	0.00002	0.00001	2600730	<0.0005	0.0005	<0.02	0.02	<0.0001	0.0001	2604126
Dissolved Bismuth (Bi)	mg/L	<0.000005	<0.000005	0.000005	2600730	<0.0003	0.0003	<0.01	0.01	<0.00005	0.00005	2604126
Dissolved Boron (B)	mg/L	<0.05	<0.05	0.05	2600730	<3	3	<100	100	<0.5	0.5	2604126
Dissolved Cadmium (Cd)	mg/L	0.000010	0.00113	0.000005	2600730	<0.0003	0.0003	<0.01	0.01	<0.00005	0.00005	2604126
Dissolved Chromium (Cr)	mg/L	<0.0001	<0.0001	0.0001	2600730	<0.005	0.005	<0.2	0.2	<0.001	0.001	2604126
Dissolved Cobalt (Co)	mg/L	0.00289	0.00494	0.000005	2600730	0.0341	0.0003	0.09	0.01	0.00012	0.00005	2604126
Dissolved Copper (Cu)	mg/L	0.00285	0.00056	0.00005	2600730	<0.003	0.003	<0.1	0.1	<0.0005	0.0005	2604126
Dissolved Iron (Fe)	mg/L	5.82	0.064	0.001	2600730	1280	0.05	28600	2	0.04	0.01	2604126
Dissolved Lead (Pb)	mg/L	0.000232	0.000140	0.000005	2600730	<0.0003	0.0003	0.28	0.01	0.00012	0.00005	2604126
Dissolved Lithium (Li)	mg/L	0.0085	0.0474	0.0005	2600730	0.04	0.03	<1	1	0.009	0.005	2604126
Dissolved Manganese (Mn)	mg/L	4.94	3.04	0.00005	2600730	12.9	0.003	241	0.1	0.0205	0.0005	2604126
Dissolved Mercury (Hg)	mg/L	<0.00001	<0.00001	0.00001	2600730	<0.0005	0.0005	<0.02	0.02	<0.0001	0.0001	2604126
Dissolved Molybdenum (Mo)	mg/L	0.00174	0.00008	0.00005	2600730	<0.003	0.003	<0.1	0.1	0.0007	0.0005	2604126
Dissolved Nickel (Ni)	mg/L	0.00179	0.0783	0.00002	2600730	0.087	0.001	0.47	0.04	0.0017	0.0002	2604126
Dissolved Phosphorus (P)	mg/L	0.019	<0.002	0.002	2600730	<0.1	0.1	<4	4	<0.02	0.02	2604126
Dissolved Selenium (Se)	mg/L	<0.00004	<0.00004	0.00004	2600730	<0.002	0.002	<0.08	0.08	<0.0004	0.0004	2604126
Dissolved Silicon (Si)	mg/L	6.2	10.9	0.1	2600730	11	5	<200	200	4	1	2604126
Dissolved Silver (Ag)	mg/L	0.000012	0.000007	0.000005	2600730	<0.0003	0.0003	<0.01	0.01	<0.00005	0.00005	2604126
Dissolved Strontium (Sr)	mg/L	0.403	0.210	0.00005	2600730	1.98	0.003	1.5	0.1	0.533	0.0005	2604126
Dissolved Thallium (Tl)	mg/L	<0.000002	0.000008	0.000002	2600730	<0.0001	0.0001	<0.004	0.004	<0.00002	0.00002	2604126
Dissolved Tin (Sn)	mg/L	0.00001	<0.00001	0.00001	2600730	<0.0005	0.0005	0.04	0.02	<0.0001	0.0001	2604126
Dissolved Titanium (Ti)	mg/L	0.0008	<0.0005	0.0005	2600730	<0.03	0.03	1	1	<0.005	0.005	2604126
Dissolved Uranium (U)	mg/L	0.00265	0.000037	0.000002	2600730	0.0030	0.0001	<0.004	0.004	0.00359	0.00002	2604126
Dissolved Vanadium (V)	mg/L	<0.0002	<0.0002	0.0002	2600730	<0.01	0.01	<0.4	0.4	<0.002	0.002	2604126
Dissolved Zinc (Zn)	mg/L	0.0096	0.0633	0.0001	2600730	3.95	0.005	4880	0.2	0.003	0.001	2604126
Dissolved Zirconium (Zr)	mg/L	0.0002	<0.0001	0.0001	2600730	<0.005	0.005	<0.2	0.2	<0.001	0.001	2604126
Dissolved Calcium (Ca)	mg/L	171	71.0	0.05	2611003	495	0.5	546	20	71.2	0.05	2611008
Dissolved Magnesium (Mg)	mg/L	21.5	10.8	0.05	2611003	101	0.5	1080	20	26.5	0.05	2611008
Dissolved Potassium (K)	mg/L	3.23	1.99	0.05	2611003	10.8	0.5	148	20	1.84	0.05	2611008
Dissolved Sodium (Na)	mg/L	87.8	4.02	0.05	2611003	115	0.5	453	20	2.39	0.05	2611008
Dissolved Sulphur (S)	mg/L	185	71	3	2611003	1430	30	23800	1000	16	6	2611008

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76369		L76370	L76371		L76372	L76374		L76375	L76376		
Sampling Date		2008/09/16		2008/09/16	2008/09/16		2008/09/16	2008/09/16		2008/09/16	2008/09/16		
	Units	**P03-08-03**	**RDL**	**P03-08-04**	**P03-08-05**	**RDL**	**P03-08-07**	**P03-09-01**	**QC Batch**	**P03-09-02**	**P03-09-03**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	497	0.5	827	989	0.5	190	714	2600177	660	893	0.5	2600177

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76369		L76370	L76371		L76372	L76374		L76375	L76376		
Sampling Date		2008/09/16		2008/09/16	2008/09/16		2008/09/16	2008/09/16		2008/09/16	2008/09/16		
	Units	**P03-08-03**	**RDL**	**P03-08-04**	**P03-08-05**	**RDL**	**P03-08-07**	**P03-09-01**	**QC Batch**	**P03-09-02**	**P03-09-03**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	0.0033	0.0002	0.005	0.039	0.001	0.0157	0.0006	2604126	0.0003	<0.0002	0.0002	2604126
Dissolved Antimony (Sb)	mg/L	0.00008	0.00002	0.0008	0.0014	0.0001	0.00314	<0.00002	2604126	<0.00002	0.00004	0.00002	2604126
Dissolved Arsenic (As)	mg/L	0.00043	0.00002	0.0046	0.0038	0.0001	0.00165	0.00159	2604126	0.00172	0.00017	0.00002	2604126
Dissolved Barium (Ba)	mg/L	0.172	0.00002	0.0334	0.0387	0.0001	0.0275	0.0378	2604126	0.0360	0.0646	0.00002	2604126
Dissolved Beryllium (Be)	mg/L	<0.00001	0.00001	<0.00005	0.00007	0.00005	<0.00001	0.00004	2604126	0.00003	<0.00001	0.00001	2604126
Dissolved Bismuth (Bi)	mg/L	<0.000005	0.000005	<0.00003	<0.00003	0.00003	<0.000005	<0.000005	2604126	<0.000005	<0.000005	0.000005	2604126
Dissolved Boron (B)	mg/L	<0.05	0.05	<0.3	<0.3	0.3	<0.05	<0.05	2604126	<0.05	<0.05	0.05	2604126
Dissolved Cadmium (Cd)	mg/L	0.000025	0.000005	<0.00003	<0.00003	0.00003	0.000023	<0.000005	2604126	<0.000005	0.000074	0.000005	2604126
Dissolved Chromium (Cr)	mg/L	0.0002	0.0001	0.0017	0.0022	0.0005	0.0002	0.0002	2604126	0.0001	0.0002	0.0001	2604126
Dissolved Cobalt (Co)	mg/L	0.000305	0.000005	0.00054	0.00111	0.00003	0.00322	0.000081	2604126	0.000099	0.00778	0.000005	2604126
Dissolved Copper (Cu)	mg/L	0.00327	0.00005	0.0005	0.0011	0.0003	0.00036	0.00011	2604126	<0.00005	0.00026	0.00005	2604126
Dissolved Iron (Fe)	mg/L	0.072	0.001	50.1	73.4	0.005	0.242	7.34	2604126	8.04	0.043	0.001	2604126
Dissolved Lead (Pb)	mg/L	0.000077	0.000005	0.00739	0.0151	0.00003	0.00943	0.000378	2604126	0.000034	<0.000005	0.000005	2604126
Dissolved Lithium (Li)	mg/L	0.0030	0.0005	0.005	0.010	0.003	0.0129	0.0387	2604126	0.0391	0.0131	0.0005	2604126
Dissolved Manganese (Mn)	mg/L	8.57	0.00005	4.12	6.61	0.0003	0.217	0.430	2604126	0.447	10.7	0.00005	2604126
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	<0.00005	<0.00005	0.00005	<0.00001	<0.00001	2604126	<0.00001	<0.00001	0.00001	2604126
Dissolved Molybdenum (Mo)	mg/L	0.00471	0.00005	0.0084	0.0032	0.0003	0.0292	0.00057	2604126	0.00057	0.00082	0.00005	2604126
Dissolved Nickel (Ni)	mg/L	0.0290	0.00002	0.0012	0.0026	0.0001	0.00030	0.00016	2604126	0.00019	0.0159	0.00002	2604126
Dissolved Phosphorus (P)	mg/L	0.004	0.002	<0.01	0.03	0.01	0.009	0.025	2604126	0.026	0.003	0.002	2604126
Dissolved Selenium (Se)	mg/L	0.00007	0.00004	<0.0002	0.0003	0.0002	<0.00004	<0.00004	2604126	<0.00004	<0.00004	0.00004	2604126
Dissolved Silicon (Si)	mg/L	6.9	0.1	9.0	11.1	0.5	1.5	8.3	2604126	9.1	8.9	0.1	2604126
Dissolved Silver (Ag)	mg/L	<0.000005	0.000005	<0.00003	<0.00003	0.00003	0.000006	<0.000005	2604126	<0.000005	<0.000005	0.000005	2604126
Dissolved Strontium (Sr)	mg/L	0.508	0.00005	0.554	0.696	0.0003	0.111	1.01	2604126	0.993	0.797	0.00005	2604126
Dissolved Thallium (Tl)	mg/L	0.000012	0.000002	0.00001	0.00001	0.00001	0.000018	<0.000002	2604126	<0.000002	0.000007	0.000002	2604126
Dissolved Tin (Sn)	mg/L	<0.00001	0.00001	<0.00005	<0.00005	0.00005	<0.00001	<0.00001	2604126	<0.00001	<0.00001	0.00001	2604126
Dissolved Titanium (Ti)	mg/L	<0.0005	0.0005	0.010	0.006	0.003	0.0006	0.0008	2604126	<0.0005	<0.0005	0.0005	2604126
Dissolved Uranium (U)	mg/L	0.00494	0.000002	0.0106	0.00101	0.00001	0.000174	0.00180	2604126	0.00181	0.00895	0.000002	2604126
Dissolved Vanadium (V)	mg/L	<0.0002	0.0002	<0.001	0.004	0.001	<0.0002	<0.0002	2604126	<0.0002	<0.0002	0.0002	2604126
Dissolved Zinc (Zn)	mg/L	0.0037	0.0001	0.0255	0.0185	0.0005	0.0150	0.0007	2604126	0.0023	0.0023	0.0001	2604126
Dissolved Zirconium (Zr)	mg/L	0.0003	0.0001	0.0006	0.0036	0.0005	<0.0001	0.0008	2604126	0.0007	<0.0001	0.0001	2604126
Dissolved Calcium (Ca)	mg/L	144	0.05	242	293	0.05	72.7	196	2611008	178	272	0.05	2621171
Dissolved Magnesium (Mg)	mg/L	33.2	0.05	54.1	62.5	0.05	2.14	54.8	2611008	52.2	52.2	0.05	2621171
Dissolved Potassium (K)	mg/L	2.42	0.05	3.59	12.8	0.05	4.33	3.99	2611008	3.52	4.68	0.05	2621171
Dissolved Sodium (Na)	mg/L	12.0	0.05	49.3	107	0.05	129	43.5	2611008	40.9	33.2	0.05	2621171
Dissolved Sulphur (S)	mg/L	83	3	214	342	3	156	171	2611008	156	250	3	2621171

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76377		L76378	L76379		L76380		L76381		L76382		
Sampling Date		2008/09/16		2008/09/16	2008/09/16		2008/09/16		2008/09/16		2008/09/16		
	Units	**P03-09-04**	**QC Batch**	**P03-09-05**	**P03-09-06**	**QC Batch**	**P03-09-07**	**QC Batch**	**P03-09-08**	**QC Batch**	**P03-09-09**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	901	2600177	900	810	2600177	965	2600177	893	2600177	939	0.5	2600177

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76377		L76378	L76379		L76380		L76381		L76382		
Sampling Date		2008/09/16		2008/09/16	2008/09/16		2008/09/16		2008/09/16		2008/09/16		
	Units	**P03-09-04**	**QC Batch**	**P03-09-05**	**P03-09-06**	**QC Batch**	**P03-09-07**	**QC Batch**	**P03-09-08**	**QC Batch**	**P03-09-09**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	<0.001	2604126	<0.001	<0.001	2604126	<0.001	2604126	<0.001	2604126	<0.001	0.001	2604126
Dissolved Antimony (Sb)	mg/L	<0.0001	2604126	<0.0001	<0.0001	2604126	<0.0001	2604126	<0.0001	2604126	<0.0001	0.0001	2604126
Dissolved Arsenic (As)	mg/L	0.0003	2604126	0.0003	0.0003	2604126	0.0002	2604126	0.0005	2604126	0.0003	0.0001	2604126
Dissolved Barium (Ba)	mg/L	0.0552	2604126	0.0542	0.0656	2604126	0.0543	2604126	0.0440	2604126	0.0459	0.0001	2604126
Dissolved Beryllium (Be)	mg/L	<0.00005	2604126	<0.00005	<0.00005	2604126	<0.00005	2604126	<0.00005	2604126	<0.00005	0.00005	2604126
Dissolved Bismuth (Bi)	mg/L	<0.00003	2604126	<0.00003	<0.00003	2604126	<0.00003	2604126	<0.00003	2604126	<0.00003	0.00003	2604126
Dissolved Boron (B)	mg/L	<0.3	2604126	<0.3	<0.3	2604126	<0.3	2604126	<0.3	2604126	<0.3	0.3	2604126
Dissolved Cadmium (Cd)	mg/L	0.00045	2604126	0.00014	0.00031	2604126	0.00033	2604126	0.00017	2604126	0.00038	0.00003	2604126
Dissolved Chromium (Cr)	mg/L	<0.0005	2604126	<0.0005	<0.0005	2604126	<0.0005	2604126	<0.0005	2604126	0.0009	0.0005	2604126
Dissolved Cobalt (Co)	mg/L	0.00459	2604126	0.00612	0.00117	2604126	0.00171	2604126	0.00320	2604126	0.00315	0.00003	2604126
Dissolved Copper (Cu)	mg/L	<0.0003	2604126	<0.0003	<0.0003	2604126	<0.0003	2604126	<0.0003	2604126	<0.0003	0.0003	2604126
Dissolved Iron (Fe)	mg/L	0.038	2604126	0.057	0.046	2604126	0.038	2604126	0.602	2604126	0.085	0.005	2604126
Dissolved Lead (Pb)	mg/L	0.00003	2604126	0.00004	0.00004	2604126	<0.00003	2604126	0.00009	2604126	0.00025	0.00003	2604126
Dissolved Lithium (Li)	mg/L	0.013	2604126	0.013	0.017	2604126	0.014	2604126	0.013	2604126	0.013	0.003	2604126
Dissolved Manganese (Mn)	mg/L	8.65	2604126	9.68	7.99	2604126	10.7	2604126	10.6	2604126	10.4	0.0003	2604126
Dissolved Mercury (Hg)	mg/L	<0.00005	2604126	<0.00005	<0.00005	2604126	<0.00005	2604126	<0.00005	2604126	<0.00005	0.00005	2604126
Dissolved Molybdenum (Mo)	mg/L	0.0010	2604126	0.0008	0.0015	2604126	0.0015	2604126	0.0015	2604126	0.0013	0.0003	2604126
Dissolved Nickel (Ni)	mg/L	0.0141	2604126	0.0167	0.0105	2604126	0.0133	2604126	0.0117	2604126	0.0152	0.0001	2604126
Dissolved Phosphorus (P)	mg/L	<0.01	2604126	<0.01	<0.01	2604126	<0.01	2604126	<0.01	2604126	<0.01	0.01	2604126
Dissolved Selenium (Se)	mg/L	<0.0002	2604126	<0.0002	<0.0002	2604126	<0.0002	2604126	<0.0002	2604126	<0.0002	0.0002	2604126
Dissolved Silicon (Si)	mg/L	8.0	2604126	8.5	8.1	2604126	8.4	2604126	8.3	2604126	8.1	0.5	2604126
Dissolved Silver (Ag)	mg/L	<0.00003	2604126	<0.00003	<0.00003	2604126	<0.00003	2604126	<0.00003	2604126	<0.00003	0.00003	2604126
Dissolved Strontium (Sr)	mg/L	0.682	2604126	0.670	0.693	2604126	0.716	2604126	0.666	2604126	0.697	0.0003	2604126
Dissolved Thallium (Tl)	mg/L	0.00001	2604126	0.00001	0.00001	2604126	0.00001	2604126	<0.00001	2604126	<0.00001	0.00001	2604126
Dissolved Tin (Sn)	mg/L	<0.00005	2604126	<0.00005	<0.00005	2604126	<0.00005	2604126	<0.00005	2604126	0.00015	0.00005	2604126
Dissolved Titanium (Ti)	mg/L	0.006	2604126	0.007	0.007	2604126	0.005	2604126	0.009	2604126	0.007	0.003	2604126
Dissolved Uranium (U)	mg/L	0.00809	2604126	0.00810	0.00628	2604126	0.00765	2604126	0.00743	2604126	0.00732	0.00001	2604126
Dissolved Vanadium (V)	mg/L	<0.001	2604126	<0.001	<0.001	2604126	<0.001	2604126	0.001	2604126	<0.001	0.001	2604126
Dissolved Zinc (Zn)	mg/L	0.0024	2604126	0.0022	0.0026	2604126	0.0017	2604126	0.0021	2604126	0.0034	0.0005	2604126
Dissolved Zirconium (Zr)	mg/L	<0.0005	2604126	<0.0005	<0.0005	2604126	<0.0005	2604126	<0.0005	2604126	<0.0005	0.0005	2604126
Dissolved Calcium (Ca)	mg/L	277	2611008	274	242	2621171	295	2611008	272	2621171	288	0.05	2611008
Dissolved Magnesium (Mg)	mg/L	50.7	2611008	52.5	49.8	2621171	55.4	2611008	52.0	2621171	53.6	0.05	2611008
Dissolved Potassium (K)	mg/L	4.68	2611008	4.72	4.44	2621171	4.81	2611008	4.57	2621171	4.74	0.05	2611008
Dissolved Sodium (Na)	mg/L	32.2	2611008	33.4	33.9	2621171	34.0	2611008	33.2	2621171	33.7	0.05	2611008
Dissolved Sulphur (S)	mg/L	245	2611008	255	218	2621171	268	2611008	251	2621171	261	3	2611008

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76383		L76384		L76385		L76386		L76387	L76388		
Sampling Date		2008/09/16		2008/09/16		2008/09/16		2008/09/16		2008/09/16	2008/09/16		
	Units	**P03-09-10**	**RDL**	**P03-08-08A**	**RDL**	**P05-01-01**	**QC Batch**	**P05-01-02**	**QC Batch**	**P05-01-03**	**P05-01-04**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	939	0.5	88.1	0.5	930	2600177	1690	2600177	1510	1530	0.5	2600177

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76383		L76384		L76385		L76386		L76387	L76388		
Sampling Date		2008/09/16		2008/09/16		2008/09/16		2008/09/16		2008/09/16	2008/09/16		
	Units	**P03-09-10**	**RDL**	**P03-08-08A**	**RDL**	**P05-01-01**	**QC Batch**	**P05-01-02**	**QC Batch**	**P05-01-03**	**P05-01-04**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	<0.001	0.001	0.0092	0.0002	0.014	2604126	0.002	2607851	0.001	0.002	0.001	2607851
Dissolved Antimony (Sb)	mg/L	<0.0001	0.0001	0.00414	0.00002	0.0001	2604126	<0.0001	2607851	<0.0001	0.0001	0.0001	2607851
Dissolved Arsenic (As)	mg/L	0.0004	0.0001	0.00152	0.00002	0.0005	2604126	0.0002	2607851	0.0003	0.0028	0.0001	2607851
Dissolved Barium (Ba)	mg/L	0.0431	0.0001	0.0376	0.00002	0.0492	2604126	0.0357	2607851	0.0328	0.0240	0.0001	2607851
Dissolved Beryllium (Be)	mg/L	<0.00005	0.00005	<0.00001	0.00001	0.00023	2604126	0.00006	2607851	<0.00005	<0.00005	0.00005	2607851
Dissolved Bismuth (Bi)	mg/L	<0.00003	0.00003	<0.000005	0.000005	<0.00003	2604126	<0.00003	2607851	<0.00003	<0.00003	0.00003	2607851
Dissolved Boron (B)	mg/L	<0.3	0.3	<0.05	0.05	<0.3	2604126	<0.3	2607851	<0.3	<0.3	0.3	2607851
Dissolved Cadmium (Cd)	mg/L	0.00016	0.00003	0.000026	0.000005	<0.00003	2604126	<0.00003	2607851	<0.00003	<0.00003	0.00003	2607851
Dissolved Chromium (Cr)	mg/L	<0.0005	0.0005	0.0002	0.0001	0.0007	2604126	<0.0005	2607851	<0.0005	<0.0005	0.0005	2607851
Dissolved Cobalt (Co)	mg/L	0.00308	0.00003	0.00125	0.000005	0.00016	2604126	0.00011	2607851	0.00011	0.00087	0.00003	2607851
Dissolved Copper (Cu)	mg/L	<0.0003	0.0003	0.00045	0.00005	<0.0003	2604126	<0.0003	2607851	<0.0003	<0.0003	0.0003	2607851
Dissolved Iron (Fe)	mg/L	0.606	0.005	0.050	0.001	5.46	2604126	19.5	2607851	20.2	26.6	0.005	2607851
Dissolved Lead (Pb)	mg/L	0.00015	0.00003	0.0107	0.000005	0.00119	2604126	0.00005	2607851	<0.00003	0.00003	0.00003	2607851
Dissolved Lithium (Li)	mg/L	0.013	0.003	0.0172	0.0005	0.289	2604126	0.026	2607851	0.027	0.024	0.003	2607851
Dissolved Manganese (Mn)	mg/L	10.5	0.0003	0.0449	0.00005	0.569	2604126	21.8	2607851	18.9	21.9	0.0003	2607851
Dissolved Mercury (Hg)	mg/L	<0.00005	0.00005	<0.00001	0.00001	<0.00005	2604126	<0.00005	2607851	<0.00005	<0.00005	0.00005	2607851
Dissolved Molybdenum (Mo)	mg/L	0.0015	0.0003	0.0324	0.00005	0.0005	2604126	0.0004	2607851	0.0004	0.0008	0.0003	2607851
Dissolved Nickel (Ni)	mg/L	0.0115	0.0001	0.00020	0.00002	0.0003	2604126	0.0003	2607851	0.0003	0.0013	0.0001	2607851
Dissolved Phosphorus (P)	mg/L	<0.01	0.01	0.011	0.002	0.03	2604126	0.03	2607851	0.02	<0.01	0.01	2607851
Dissolved Selenium (Se)	mg/L	<0.0002	0.0002	<0.00004	0.00004	<0.0002	2604126	<0.0002	2607851	<0.0002	<0.0002	0.0002	2607851
Dissolved Silicon (Si)	mg/L	8.4	0.5	1.5	0.1	11.2	2604126	9.7	2607851	9.5	9.6	0.5	2607851
Dissolved Silver (Ag)	mg/L	<0.00003	0.00003	0.000005	0.000005	<0.00003	2604126	<0.00003	2607851	<0.00003	0.00005	0.00003	2607851
Dissolved Strontium (Sr)	mg/L	0.676	0.0003	0.175	0.00005	2.76	2604126	1.08	2607851	1.07	1.01	0.0003	2607851
Dissolved Thallium (Tl)	mg/L	<0.00001	0.00001	0.000013	0.000002	<0.00001	2604126	<0.00001	2607851	<0.00001	<0.00001	0.00001	2607851
Dissolved Tin (Sn)	mg/L	<0.00005	0.00005	<0.00001	0.00001	<0.00005	2604126	<0.00005	2607851	<0.00005	<0.00005	0.00005	2607851
Dissolved Titanium (Ti)	mg/L	0.007	0.003	0.0006	0.0005	0.008	2604126	0.009	2607851	0.011	0.009	0.003	2607851
Dissolved Uranium (U)	mg/L	0.00715	0.00001	0.000148	0.000002	0.00024	2604126	0.00166	2607851	0.00156	0.00202	0.00001	2607851
Dissolved Vanadium (V)	mg/L	<0.001	0.001	<0.0002	0.0002	0.001	2604126	<0.001	2607851	<0.001	<0.001	0.001	2607851
Dissolved Zinc (Zn)	mg/L	0.0022	0.0005	0.0114	0.0001	0.0055	2604126	0.0010	2607851	<0.0005	0.0005	0.0005	2607851
Dissolved Zirconium (Zr)	mg/L	<0.0005	0.0005	<0.0001	0.0001	0.0035	2604126	0.0012	2607851	0.0009	<0.0005	0.0005	2607851
Dissolved Calcium (Ca)	mg/L	288	0.05	21.0	0.05	238	2611008	517	2621171	463	467	0.05	2611006
Dissolved Magnesium (Mg)	mg/L	53.2	0.05	8.66	0.05	81.7	2611008	97.4	2621171	86.2	89.5	0.05	2611006
Dissolved Potassium (K)	mg/L	4.75	0.05	13.3	0.05	7.07	2611008	7.48	2621171	6.78	6.79	0.05	2611006
Dissolved Sodium (Na)	mg/L	33.5	0.05	57.4	0.05	124	2611008	47.4	2621171	43.2	43.8	0.05	2611006
Dissolved Sulphur (S)	mg/L	263	3	45	3	248	2611008	545	2621171	469	485	3	2611006

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76389	L76390		
Sampling Date		2008/09/16	2008/09/16		
	Units	**P05-01-05**	**P05-01-06**	**RDL**	**QC Batch**
Misc. Inorganics					
Dissolved Hardness (CaCO3)	mg/L	1560	1570	0.5	2600177

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76389	L76390		
Sampling Date		2008/09/16	2008/09/16		
	Units	**P05-01-05**	**P05-01-06**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS					
Dissolved Aluminum (Al)	mg/L	0.002	0.003	0.001	2607851
Dissolved Antimony (Sb)	mg/L	<0.0001	<0.0001	0.0001	2607851
Dissolved Arsenic (As)	mg/L	0.0019	0.0019	0.0001	2607851
Dissolved Barium (Ba)	mg/L	0.0258	0.0306	0.0001	2607851
Dissolved Beryllium (Be)	mg/L	<0.00005	<0.00005	0.00005	2607851
Dissolved Bismuth (Bi)	mg/L	<0.00003	<0.00003	0.00003	2607851
Dissolved Boron (B)	mg/L	<0.3	<0.3	0.3	2607851
Dissolved Cadmium (Cd)	mg/L	0.00017	<0.00003	0.00003	2607851
Dissolved Chromium (Cr)	mg/L	<0.0005	<0.0005	0.0005	2607851
Dissolved Cobalt (Co)	mg/L	0.00980	0.0154	0.00003	2607851
Dissolved Copper (Cu)	mg/L	<0.0003	<0.0003	0.0003	2607851
Dissolved Iron (Fe)	mg/L	8.14	6.73	0.005	2607851
Dissolved Lead (Pb)	mg/L	0.00012	0.00017	0.00003	2607851
Dissolved Lithium (Li)	mg/L	0.021	0.019	0.003	2607851
Dissolved Manganese (Mn)	mg/L	22.1	23.8	0.0003	2607851
Dissolved Mercury (Hg)	mg/L	<0.00005	<0.00005	0.00005	2607851
Dissolved Molybdenum (Mo)	mg/L	0.0008	0.0009	0.0003	2607851
Dissolved Nickel (Ni)	mg/L	0.0078	0.0122	0.0001	2607851
Dissolved Phosphorus (P)	mg/L	<0.01	<0.01	0.01	2607851
Dissolved Selenium (Se)	mg/L	<0.0002	<0.0002	0.0002	2607851
Dissolved Silicon (Si)	mg/L	9.0	8.9	0.5	2607851
Dissolved Silver (Ag)	mg/L	0.00006	0.00007	0.00003	2607851
Dissolved Strontium (Sr)	mg/L	1.05	1.09	0.0003	2607851
Dissolved Thallium (Tl)	mg/L	0.00001	0.00003	0.00001	2607851
Dissolved Tin (Sn)	mg/L	<0.00005	<0.00005	0.00005	2607851
Dissolved Titanium (Ti)	mg/L	0.009	0.011	0.003	2607851
Dissolved Uranium (U)	mg/L	0.00487	0.00533	0.00001	2607851
Dissolved Vanadium (V)	mg/L	<0.001	<0.001	0.001	2607851
Dissolved Zinc (Zn)	mg/L	0.0023	0.0039	0.0005	2607851
Dissolved Zirconium (Zr)	mg/L	<0.0005	<0.0005	0.0005	2607851
Dissolved Calcium (Ca)	mg/L	468	472	0.05	2611006
Dissolved Magnesium (Mg)	mg/L	94.4	95.2	0.05	2611006
Dissolved Potassium (K)	mg/L	7.36	7.41	0.05	2611006
Dissolved Sodium (Na)	mg/L	41.0	40.4	0.05	2611006
Dissolved Sulphur (S)	mg/L	486	489	3	2611006

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

General Comments

Sample L76298-: Ion Balance: NC = Not Calculable due to low ion sum [< 3 meq/L].

Sample L76333-: Ion Balance: NC = Not Calculable due to low ion sum [< 3 meq/L].

Sample L76335-: Ion Balance: NC = Not Calculable due to low ion sum [< 3 meq/L].

Sample L76346-01: It appears that either the general bottles or DM bottles were switched in the field for L76346 (X18A) and L76347 (X18B). Major ions have been re-analyzed and confirmed. Labeling has been checked and no lab error found.

Sample L76347-01: It appears that either the general bottles or DM bottles were switched in the field for L76346 (X18A) and L76347 (X18B). Major ions have been re-analyzed and confirmed. Labeling has been checked and no lab error found.

Maxxam Job #: A849801
Report Date: 2008/10/03

GARTNER LEE LTD.
Client Project #: FARO MINE

QUALITY ASSURANCE REPORT

			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2600678	Dissolved Arsenic (As)	2008/09/26	99	75 - 125	96	75 - 125	<0.00002	mg/L	NC	25
2600678	Dissolved Beryllium (Be)	2008/09/26	97	75 - 125	102	75 - 125	<0.00001	mg/L	0.4	25
2600678	Dissolved Cadmium (Cd)	2008/09/26	NC	75 - 125	100	75 - 125	<0.000005	mg/L	1.7	25
2600678	Dissolved Chromium (Cr)	2008/09/26	99	75 - 125	96	75 - 125	<0.0001	mg/L	NC	25
2600678	Dissolved Cobalt (Co)	2008/09/26	NC	75 - 125	97	75 - 125	<0.000005	mg/L	0.04	25
2600678	Dissolved Copper (Cu)	2008/09/26	92	75 - 125	98	75 - 125	<0.00005	mg/L	2.6	25
2600678	Dissolved Lead (Pb)	2008/09/26	91	75 - 125	103	75 - 125	<0.000005	mg/L	5.9	25
2600678	Dissolved Lithium (Li)	2008/09/26	NC	75 - 125	103	75 - 125	<0.0005	mg/L	4.1	25
2600678	Dissolved Nickel (Ni)	2008/09/26	NC	75 - 125	99	75 - 125	<0.00002	mg/L	0.1	25
2600678	Dissolved Selenium (Se)	2008/09/26	107	75 - 125	103	75 - 125	<0.00004	mg/L	6.1	25
2600678	Dissolved Uranium (U)	2008/09/26	98	75 - 125	104	75 - 125	<0.000002	mg/L	3.1	25
2600678	Dissolved Vanadium (V)	2008/09/26	98	75 - 125	98	75 - 125	<0.0002	mg/L	NC	25
2600678	Dissolved Zinc (Zn)	2008/09/26	NC	75 - 125	100	75 - 125	<0.0001	mg/L	0.8	25
2600678	Dissolved Aluminum (Al)	2008/09/26					<0.0002	mg/L	4.5	25
2600678	Dissolved Antimony (Sb)	2008/09/26					<0.00002	mg/L	NC	25
2600678	Dissolved Barium (Ba)	2008/09/26					<0.00002	mg/L	3.5	25
2600678	Dissolved Bismuth (Bi)	2008/09/26					<0.000005	mg/L	NC	25
2600678	Dissolved Boron (B)	2008/09/26					<0.05	mg/L	NC	25
2600678	Dissolved Iron (Fe)	2008/09/26					<0.001	mg/L	2.6	25
2600678	Dissolved Manganese (Mn)	2008/09/26					<0.00005	mg/L	1.6	25
2600678	Dissolved Mercury (Hg)	2008/09/26					<0.00001	mg/L	NC	25
2600678	Dissolved Molybdenum (Mo)	2008/09/26					<0.00005	mg/L	NC	25
2600678	Dissolved Phosphorus (P)	2008/09/26					<0.002	mg/L	NC	25
2600678	Dissolved Silicon (Si)	2008/09/26					<0.1	mg/L	7.0	25
2600678	Dissolved Silver (Ag)	2008/09/26					<0.000005	mg/L	NC	25
2600678	Dissolved Strontium (Sr)	2008/09/26					<0.00005	mg/L	5.0	25
2600678	Dissolved Thallium (Tl)	2008/09/26					<0.000002	mg/L	5.8	25
2600678	Dissolved Tin (Sn)	2008/09/26					<0.00001	mg/L	NC	25
2600678	Dissolved Titanium (Ti)	2008/09/26					<0.0005	mg/L	NC	25
2600678	Dissolved Zirconium (Zr)	2008/09/26					<0.0001	mg/L	NC	25
2600699	Dissolved Arsenic (As)	2008/09/26	105	75 - 125	99	75 - 125	<0.00002	mg/L	3.6	25
2600699	Dissolved Beryllium (Be)	2008/09/26	107	75 - 125	104	75 - 125	<0.00001	mg/L	NC	25
2600699	Dissolved Cadmium (Cd)	2008/09/26	105	75 - 125	101	75 - 125	<0.000005	mg/L	3.7	25
2600699	Dissolved Chromium (Cr)	2008/09/26	102	75 - 125	98	75 - 125	<0.0001	mg/L	NC	25
2600699	Dissolved Cobalt (Co)	2008/09/26	97	75 - 125	97	75 - 125	<0.000005	mg/L	0.08	25
2600699	Dissolved Copper (Cu)	2008/09/26	94	75 - 125	100	75 - 125	<0.00005	mg/L	0.5	25
2600699	Dissolved Lead (Pb)	2008/09/26	100	75 - 125	104	75 - 125	<0.000005	mg/L	0.5	25
2600699	Dissolved Lithium (Li)	2008/09/26	NC	75 - 125	103	75 - 125	<0.0005	mg/L	1.8	25
2600699	Dissolved Nickel (Ni)	2008/09/26	NC	75 - 125	99	75 - 125	<0.00002	mg/L	2.1	25
2600699	Dissolved Selenium (Se)	2008/09/26	112	75 - 125	104	75 - 125	<0.00004	mg/L	9.0	25

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			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2600699	Dissolved Uranium (U)	2008/09/26	NC	75 - 125	104	75 - 125	<0.000002	mg/L	0.2	25
2600699	Dissolved Vanadium (V)	2008/09/26	105	75 - 125	98	75 - 125	<0.0002	mg/L	NC	25
2600699	Dissolved Zinc (Zn)	2008/09/26	NC	75 - 125	105	75 - 125	<0.0001	mg/L	0.4	25
2600699	Dissolved Aluminum (Al)	2008/09/26					<0.0002	mg/L	2.1	25
2600699	Dissolved Antimony (Sb)	2008/09/26					<0.00002	mg/L	1.5	25
2600699	Dissolved Barium (Ba)	2008/09/26					<0.00002	mg/L	2.0	25
2600699	Dissolved Bismuth (Bi)	2008/09/26					<0.000005	mg/L	NC	25
2600699	Dissolved Boron (B)	2008/09/26					<0.05	mg/L	NC	25
2600699	Dissolved Iron (Fe)	2008/09/26					<0.001	mg/L	9.0	25
2600699	Dissolved Manganese (Mn)	2008/09/26					<0.00005	mg/L	4.0	25
2600699	Dissolved Mercury (Hg)	2008/09/26					<0.00001	mg/L	NC	25
2600699	Dissolved Molybdenum (Mo)	2008/09/26					<0.00005	mg/L	2.0	25
2600699	Dissolved Phosphorus (P)	2008/09/26					<0.002	mg/L	NC	25
2600699	Dissolved Silicon (Si)	2008/09/26					<0.1	mg/L	2.8	25
2600699	Dissolved Silver (Ag)	2008/09/26					<0.000005	mg/L	NC	25
2600699	Dissolved Strontium (Sr)	2008/09/26					<0.00005	mg/L	0.9	25
2600699	Dissolved Thallium (Tl)	2008/09/26					<0.000002	mg/L	8.8	25
2600699	Dissolved Tin (Sn)	2008/09/26					<0.00001	mg/L	4.9	25
2600699	Dissolved Titanium (Ti)	2008/09/26					<0.0005	mg/L	NC	25
2600699	Dissolved Zirconium (Zr)	2008/09/26					<0.0001	mg/L	NC	25
2600706	Dissolved Arsenic (As)	2008/09/27	NC	75 - 125	97	75 - 125	<0.00002	mg/L	0.07	25
2600706	Dissolved Beryllium (Be)	2008/09/27	101	75 - 125	101	75 - 125	<0.00001	mg/L	NC	25
2600706	Dissolved Cadmium (Cd)	2008/09/27	100	75 - 125	100	75 - 125	<0.000005	mg/L	NC	25
2600706	Dissolved Chromium (Cr)	2008/09/27	108	75 - 125	100	75 - 125	<0.0001	mg/L	NC	25
2600706	Dissolved Cobalt (Co)	2008/09/27	102	75 - 125	101	75 - 125	<0.000005	mg/L	0.3	25
2600706	Dissolved Copper (Cu)	2008/09/27	96	75 - 125	104	75 - 125	<0.00005	mg/L	NC	25
2600706	Dissolved Lead (Pb)	2008/09/27	95	75 - 125	101	75 - 125	<0.000005	mg/L	2.2	25
2600706	Dissolved Lithium (Li)	2008/09/27	NC	75 - 125	101	75 - 125	<0.0005	mg/L	2.9	25
2600706	Dissolved Nickel (Ni)	2008/09/27	96	75 - 125	103	75 - 125	<0.00002	mg/L	0.6	25
2600706	Dissolved Selenium (Se)	2008/09/27	108	75 - 125	102	75 - 125	<0.00004	mg/L	NC	25
2600706	Dissolved Uranium (U)	2008/09/27	NC	75 - 125	102	75 - 125	<0.000002	mg/L	0.3	25
2600706	Dissolved Vanadium (V)	2008/09/27	109	75 - 125	100	75 - 125	0.0003, RDL=0.0002	mg/L	NC	25
2600706	Dissolved Zinc (Zn)	2008/09/27	NC	75 - 125	106	75 - 125	<0.0001	mg/L	0.3	25
2600706	Dissolved Aluminum (Al)	2008/09/27					<0.0002	mg/L	1.6	25
2600706	Dissolved Antimony (Sb)	2008/09/27					<0.00002	mg/L	1	25
2600706	Dissolved Barium (Ba)	2008/09/27					<0.00002	mg/L	0.5	25
2600706	Dissolved Bismuth (Bi)	2008/09/27					<0.000005	mg/L	NC	25
2600706	Dissolved Boron (B)	2008/09/27					<0.05	mg/L	NC	25
2600706	Dissolved Iron (Fe)	2008/09/27					<0.001	mg/L	1.5	25
2600706	Dissolved Manganese (Mn)	2008/09/27					<0.00005	mg/L	1.3	25

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			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2600706	Dissolved Mercury (Hg)	2008/09/27					<0.00001	mg/L	NC	25
2600706	Dissolved Molybdenum (Mo)	2008/09/27					<0.00005	mg/L	1.7	25
2600706	Dissolved Phosphorus (P)	2008/09/27					<0.002	mg/L	NC	25
2600706	Dissolved Silicon (Si)	2008/09/27					<0.1	mg/L	10.7	25
2600706	Dissolved Silver (Ag)	2008/09/27					0.000006, RDL=0.000005	mg/L	NC	25
2600706	Dissolved Strontium (Sr)	2008/09/27					<0.00005	mg/L	0.7	25
2600706	Dissolved Thallium (Tl)	2008/09/27					0.000002, RDL=0.000002	mg/L	NC	25
2600706	Dissolved Tin (Sn)	2008/09/27					<0.00001	mg/L	NC	25
2600706	Dissolved Titanium (Ti)	2008/09/27					<0.0005	mg/L	NC	25
2600706	Dissolved Zirconium (Zr)	2008/09/27					<0.0001	mg/L	NC	25
2600730	Dissolved Arsenic (As)	2008/09/27	NC	75 - 125	100	75 - 125	<0.00002	mg/L	0.3	25
2600730	Dissolved Beryllium (Be)	2008/09/27	98	75 - 125	101	75 - 125	<0.00001	mg/L	NC	25
2600730	Dissolved Cadmium (Cd)	2008/09/27	91	75 - 125	97	75 - 125	<0.000005	mg/L	NC	25
2600730	Dissolved Chromium (Cr)	2008/09/27	103	75 - 125	101	75 - 125	<0.0001	mg/L	NC	25
2600730	Dissolved Cobalt (Co)	2008/09/27	99	75 - 125	101	75 - 125	<0.000005	mg/L	5.7	25
2600730	Dissolved Copper (Cu)	2008/09/27	96	75 - 125	104	75 - 125	<0.00005	mg/L	NC	25
2600730	Dissolved Lead (Pb)	2008/09/27	93	75 - 125	100	75 - 125	<0.000005	mg/L	11.6	25
2600730	Dissolved Lithium (Li)	2008/09/27	NC	75 - 125	99	75 - 125	<0.0005	mg/L	2.3	25
2600730	Dissolved Nickel (Ni)	2008/09/27	97	75 - 125	102	75 - 125	<0.00002	mg/L	3.5	25
2600730	Dissolved Selenium (Se)	2008/09/27	108	75 - 125	104	75 - 125	<0.00004	mg/L	NC	25
2600730	Dissolved Uranium (U)	2008/09/27	NC	75 - 125	100	75 - 125	<0.000002	mg/L	0.5	25
2600730	Dissolved Vanadium (V)	2008/09/27	106	75 - 125	97	75 - 125	<0.0002	mg/L	NC	25
2600730	Dissolved Zinc (Zn)	2008/09/27	84	75 - 125	103	75 - 125	0.0002, RDL=0.0001	mg/L	5.2	25
2600730	Dissolved Aluminum (Al)	2008/09/27					0.0002, RDL=0.0002	mg/L	2.3	25
2600730	Dissolved Antimony (Sb)	2008/09/27					<0.00002	mg/L	NC	25
2600730	Dissolved Barium (Ba)	2008/09/27					<0.00002	mg/L	1	25
2600730	Dissolved Bismuth (Bi)	2008/09/27					<0.000005	mg/L	NC	25
2600730	Dissolved Boron (B)	2008/09/27					<0.05	mg/L	NC	25
2600730	Dissolved Iron (Fe)	2008/09/27					<0.001	mg/L	0.09	25
2600730	Dissolved Manganese (Mn)	2008/09/27					<0.00005	mg/L	0.8	25
2600730	Dissolved Mercury (Hg)	2008/09/27					<0.00001	mg/L	NC	25
2600730	Dissolved Molybdenum (Mo)	2008/09/27					<0.00005	mg/L	3.6	25
2600730	Dissolved Phosphorus (P)	2008/09/27					<0.002	mg/L	0.05	25
2600730	Dissolved Silicon (Si)	2008/09/27					<0.1	mg/L	12.6	25
2600730	Dissolved Silver (Ag)	2008/09/27					<0.000005	mg/L	NC	25
2600730	Dissolved Strontium (Sr)	2008/09/27					<0.00005	mg/L	1.3	25
2600730	Dissolved Thallium (Tl)	2008/09/27					<0.000002	mg/L	NC	25
2600730	Dissolved Tin (Sn)	2008/09/27					<0.00001	mg/L	NC	25
2600730	Dissolved Titanium (Ti)	2008/09/27					<0.0005	mg/L	NC	25
2600730	Dissolved Zirconium (Zr)	2008/09/27					<0.0001	mg/L	NC	25

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			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2602979	Conductivity	2008/09/27			100	80 - 120	<1	uS/cm	0	25
2602990	Alkalinity (Total as CaCO3)	2008/09/27	108	80 - 120	96	80 - 120	0.8, RDL=0.5	mg/L	NC	25
2604126	Dissolved Arsenic (As)	2008/09/27	108	75 - 125	99	75 - 125	<0.00002	mg/L	0.2	25
2604126	Dissolved Beryllium (Be)	2008/09/27	101	75 - 125	101	75 - 125	<0.00001	mg/L	NC	25
2604126	Dissolved Cadmium (Cd)	2008/09/27	101	75 - 125	101	75 - 125	<0.000005	mg/L	NC	25
2604126	Dissolved Chromium (Cr)	2008/09/27	107	75 - 125	101	75 - 125	<0.0001	mg/L	NC	25
2604126	Dissolved Cobalt (Co)	2008/09/27	97	75 - 125	94	75 - 125	<0.000005	mg/L	0.3	25
2604126	Dissolved Copper (Cu)	2008/09/27	97	75 - 125	103	75 - 125	0.00005, RDL=0.00005	mg/L	4.8	25
2604126	Dissolved Lead (Pb)	2008/09/27	NC	75 - 125	101	75 - 125	0.000006, RDL=0.000005	mg/L	2.1	25
2604126	Dissolved Lithium (Li)	2008/09/27	NC	75 - 125	108	75 - 125	<0.0005	mg/L	4.5	25
2604126	Dissolved Nickel (Ni)	2008/09/27	99	75 - 125	100	75 - 125	0.00002, RDL=0.00002	mg/L	18.6	25
2604126	Dissolved Selenium (Se)	2008/09/27	103	75 - 125	100	75 - 125	<0.00004	mg/L	NC	25
2604126	Dissolved Uranium (U)	2008/09/27	113	75 - 125	106	75 - 125	<0.000002	mg/L	3.8	25
2604126	Dissolved Vanadium (V)	2008/09/27	110	75 - 125	98	75 - 125	<0.0002	mg/L	NC	25
2604126	Dissolved Zinc (Zn)	2008/09/27	NC	75 - 125	112	75 - 125	<0.0001	mg/L	2.4	25
2604126	Dissolved Aluminum (Al)	2008/09/27					<0.0002	mg/L	3.0	25
2604126	Dissolved Antimony (Sb)	2008/09/27					<0.00002	mg/L	5.0	25
2604126	Dissolved Barium (Ba)	2008/09/27					<0.00002	mg/L	4.5	25
2604126	Dissolved Bismuth (Bi)	2008/09/27					<0.000005	mg/L	NC	25
2604126	Dissolved Boron (B)	2008/09/27					<0.05	mg/L	NC	25
2604126	Dissolved Iron (Fe)	2008/09/27					<0.001	mg/L	0.7	25
2604126	Dissolved Manganese (Mn)	2008/09/27					<0.00005	mg/L	0.8	25
2604126	Dissolved Mercury (Hg)	2008/09/27					0.00001, RDL=0.00001	mg/L	NC	25
2604126	Dissolved Molybdenum (Mo)	2008/09/27					<0.00005	mg/L	3.1	25
2604126	Dissolved Phosphorus (P)	2008/09/27					<0.002	mg/L	NC	25
2604126	Dissolved Silicon (Si)	2008/09/27					<0.1	mg/L	2.1	25
2604126	Dissolved Silver (Ag)	2008/09/27					<0.000005	mg/L	NC	25
2604126	Dissolved Strontium (Sr)	2008/09/27					<0.00005	mg/L	5.4	25
2604126	Dissolved Thallium (Tl)	2008/09/27					<0.000002	mg/L	4.6	25
2604126	Dissolved Tin (Sn)	2008/09/27					<0.00001	mg/L	NC	25
2604126	Dissolved Titanium (Ti)	2008/09/27					<0.0005	mg/L	NC	25
2604126	Dissolved Zirconium (Zr)	2008/09/27					<0.0001	mg/L	NC	25
2604696	Dissolved Sulphate (SO4)	2008/09/25	99	75 - 125	96	80 - 120	<0.5	mg/L	2.3	20
2604703	Dissolved Chloride (Cl)	2008/09/25	100	80 - 120	96	80 - 120	0.6, RDL=0.5	mg/L	3.9	20
2607851	Dissolved Arsenic (As)	2008/09/27	103	75 - 125	98	75 - 125	<0.00002	mg/L	0.5	25
2607851	Dissolved Beryllium (Be)	2008/09/27	107	75 - 125	100	75 - 125	<0.00001	mg/L	NC	25
2607851	Dissolved Cadmium (Cd)	2008/09/27	102	75 - 125	98	75 - 125	<0.000005	mg/L	NC	25
2607851	Dissolved Chromium (Cr)	2008/09/27	102	75 - 125	106	75 - 125	<0.0001	mg/L	NC	25
2607851	Dissolved Cobalt (Co)	2008/09/27	103	75 - 125	99	75 - 125	<0.000005	mg/L	5.7	25
2607851	Dissolved Copper (Cu)	2008/09/27	103	75 - 125	104	75 - 125	<0.00005	mg/L	0.7	25

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QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2607851	Dissolved Lead (Pb)	2008/09/27	99	75 - 125	101	75 - 125	<0.000005	mg/L	2.4	25
2607851	Dissolved Lithium (Li)	2008/09/27	100	75 - 125	97	75 - 125	<0.0005	mg/L	NC	25
2607851	Dissolved Nickel (Ni)	2008/09/27	101	75 - 125	100	75 - 125	<0.00002	mg/L	3.2	25
2607851	Dissolved Selenium (Se)	2008/09/27	107	75 - 125	101	75 - 125	<0.00004	mg/L	NC	25
2607851	Dissolved Uranium (U)	2008/09/27	103	75 - 125	101	75 - 125	<0.000002	mg/L	2.1	25
2607851	Dissolved Vanadium (V)	2008/09/27	102	75 - 125	98	75 - 125	<0.0002	mg/L	NC	25
2607851	Dissolved Zinc (Zn)	2008/09/27	NC	75 - 125	107	75 - 125	<0.0001	mg/L	1.4	25
2607851	Dissolved Aluminum (Al)	2008/09/27					<0.0002	mg/L	0	25
2607851	Dissolved Antimony (Sb)	2008/09/27					<0.00002	mg/L	4.1	25
2607851	Dissolved Barium (Ba)	2008/09/27					<0.00002	mg/L	1.2	25
2607851	Dissolved Bismuth (Bi)	2008/09/27					<0.000005	mg/L	NC	25
2607851	Dissolved Boron (B)	2008/09/27					<0.05	mg/L	NC	25
2607851	Dissolved Iron (Fe)	2008/09/27					<0.001	mg/L	3.1	25
2607851	Dissolved Manganese (Mn)	2008/09/27					<0.00005	mg/L	0.8	25
2607851	Dissolved Mercury (Hg)	2008/09/27					0.00002, RDL=0.00001	mg/L		
2607851	Dissolved Molybdenum (Mo)	2008/09/27					<0.00005	mg/L	2.2	25
2607851	Dissolved Phosphorus (P)	2008/09/27					<0.002	mg/L	8.1	25
2607851	Dissolved Silicon (Si)	2008/09/27					<0.1	mg/L	4.9	25
2607851	Dissolved Silver (Ag)	2008/09/27					<0.000005	mg/L	NC	25
2607851	Dissolved Strontium (Sr)	2008/09/27					<0.00005	mg/L	1.6	25
2607851	Dissolved Thallium (Tl)	2008/09/27					0.000003, RDL=0.000002	mg/L	NC	25
2607851	Dissolved Tin (Sn)	2008/09/27					<0.00001	mg/L	NC	25
2607851	Dissolved Titanium (Ti)	2008/09/27					<0.0005	mg/L	NC	25
2607851	Dissolved Zirconium (Zr)	2008/09/27					<0.0001	mg/L	NC	25
2608089	Conductivity	2008/09/28			100	80 - 120	<1	uS/cm	0	25
2608091	Alkalinity (Total as CaCO3)	2008/09/28	NC	80 - 120	94	80 - 120	<0.5	mg/L	0.4	25
2610981	Dissolved Calcium (Ca)	2008/09/26					<0.05	mg/L	1.3	25
2610981	Dissolved Magnesium (Mg)	2008/09/26					<0.05	mg/L	0.7	25
2610981	Dissolved Potassium (K)	2008/09/26					<0.05	mg/L	2.0	25
2610981	Dissolved Sodium (Na)	2008/09/26					<0.05	mg/L	1.6	25
2610981	Dissolved Sulphur (S)	2008/09/26					<3	mg/L	3.6	25
2610997	Dissolved Calcium (Ca)	2008/09/26					<0.05	mg/L		
2610997	Dissolved Magnesium (Mg)	2008/09/26					<0.05	mg/L		
2610997	Dissolved Potassium (K)	2008/09/26					<0.05	mg/L		
2610997	Dissolved Sodium (Na)	2008/09/26					<0.05	mg/L		
2610997	Dissolved Sulphur (S)	2008/09/26					<3	mg/L		
2611002	Dissolved Calcium (Ca)	2008/09/27					<0.05	mg/L		
2611002	Dissolved Magnesium (Mg)	2008/09/27					<0.05	mg/L		
2611002	Dissolved Potassium (K)	2008/09/27					<0.05	mg/L		
2611002	Dissolved Sodium (Na)	2008/09/27					<0.05	mg/L		

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QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2611002	Dissolved Sulphur (S)	2008/09/27					<3	mg/L		
2611003	Dissolved Calcium (Ca)	2008/09/27					<0.05	mg/L	0.2	25
2611003	Dissolved Magnesium (Mg)	2008/09/27					<0.05	mg/L	1.6	25
2611003	Dissolved Potassium (K)	2008/09/27					<0.05	mg/L	1.3	25
2611003	Dissolved Sodium (Na)	2008/09/27					<0.05	mg/L	1.5	25
2611003	Dissolved Sulphur (S)	2008/09/27					<3	mg/L	2.0	25
2611006	Dissolved Calcium (Ca)	2008/09/27					<0.05	mg/L	0.4	25
2611006	Dissolved Magnesium (Mg)	2008/09/27					<0.05	mg/L	0.9	25
2611006	Dissolved Potassium (K)	2008/09/27					<0.05	mg/L	1.2	25
2611006	Dissolved Sodium (Na)	2008/09/27					<0.05	mg/L	1.4	25
2611006	Dissolved Sulphur (S)	2008/09/27					<3	mg/L	NC	25
2611008	Dissolved Calcium (Ca)	2008/09/27					<0.05	mg/L	0.5	25
2611008	Dissolved Magnesium (Mg)	2008/09/27					<0.05	mg/L	1.2	25
2611008	Dissolved Potassium (K)	2008/09/27					<0.05	mg/L	0.3	25
2611008	Dissolved Sodium (Na)	2008/09/27					<0.05	mg/L	0.3	25
2611008	Dissolved Sulphur (S)	2008/09/27					<3	mg/L	0.8	25
2611171	Dissolved Chloride (Cl)	2008/09/27	100	80 - 120	99	80 - 120	<0.5	mg/L	NC	20
2611181	Dissolved Sulphate (SO4)	2008/09/27	NC	75 - 125	91	80 - 120	<0.5	mg/L	13.7	20
2611183	Dissolved Sulphate (SO4)	2008/09/27	NC	75 - 125	91	80 - 120	<0.5	mg/L	0.7	20
2621171	Dissolved Calcium (Ca)	2008/10/28					<0.05	mg/L		
2621171	Dissolved Magnesium (Mg)	2008/10/28					<0.05	mg/L		
2621171	Dissolved Potassium (K)	2008/10/28					<0.05	mg/L		
2621171	Dissolved Sodium (Na)	2008/10/28					<0.05	mg/L		
2621171	Dissolved Sulphur (S)	2008/10/28					<3	mg/L		
2623303	Dissolved Chloride (Cl)	2008/10/02	111	80 - 120	97	80 - 120	<0.5	mg/L	NC	20
2623334	Dissolved Sulphate (SO4)	2008/10/02	NC	75 - 125	86	80 - 120	<0.5	mg/L	NC	20

N/A = Not Applicable
NC = Non-calculable
RDL = Reportable Detection Limit
RPD = Relative Percent Difference

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CHAIN OF CUSTODY RECORD

Page 1 of 10

INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#2448 GARTNER LEE LTD.	Company Name:	Same as invoice	Quotation #:	AB0323	MAXXAM JOB #:	BOTTLE ORDER #:
Contact Name:	Kai Wolosheyn	Contact Name:		P.O. #:		A849801	29886
Address:	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1	Address:		Project #:		CHAIN OF CUSTODY #:	PROJECT MANAGER:
Phone:	(867)633-6474 Fax: (867)633-6321	Phone:	Fax:	Project Name:		C#29886-04-01	ROB MACARTHUR
Email:	kwolosheyn@gartnerlee.com, sgladwin@gartnerlee.c	Email:		Site Location:	FARO MINE		
				Sampled By:			

REGULATORY CRITERIA: ultra low level metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT: (will be applied if Rush TAT is not specified) X
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Ocanic/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ (Call 48 hr ID)

	Sample Barcode Label	Sample (Locator) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	General Chemistry	pH, conductivity, Alkalinity, sulphate, hardness			ion balance	Chloride			# of Bottles	Comments
1		BH1	September 19, 2008	Water	N	Y	X	X					X	X		2	
2		BH1A														2	
3		BH4														2	
4		BH5														2	
5		BH6														2	
6		BH8														2	
7		BH9A	September Mine													2	
8		BH12B	September 18/08													2	
9		BH13B														2	
10		BH14A														2	

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Wolosheyn	08/09/20	13:00	A. Mann	22/09/08	11:25

Laboratory Use Only

Time Sensitive	Temperature (°C) on Receipt		Condition of Sample on Receipt	Custody Seal Intact on Cooler?
☐	6.6.6	6.6.6	☐ OK ☐ SIF	☐ Yes ☐ No
	5.3.3	6.5.6		
	5.6.5	5.6.6		

*IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

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CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#2448 GARTNER LEE LTD	Company Name:	Same as invoice	Quotation #:	A80323	MAXXAM JOB #:	BOTTLE ORDER #:
Contact Name:	Kal Woloshyn	Contact Name:		P.O. #:			29686
Address:	2251 - 2nd AVENUE	Address:		Project #:		CHAIN OF CUSTODY #:	PROJECT MANAGER:
	WHITEHORSE YT Y1A 5W1			Project Name:		C#29686-02-01	ROB MACARTHUR
Phone:	(867)633-6474 Fax: (867)633-6321	Phone:	Fax:	Site Location:	FARO MINE		
Email:	kwoloshyn@gartnerlee.com; sgladwin@gartnerlee.c	Email:		Sampled By:			

REGULATORY CRITERIA: Ultra low level metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT:
(will be applied if Rush TAT is not specified).
Standard TAT = 5-7 Working days for most tests.
Please note, Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	General Chemistry	pH, conductivity	alkalinity, sulphate, hardness			ion balance	Chloride			# of Bottles	Comments
1		BH14B	Sept 16, 2008	Water	N	Y	X	X					X	X			2	
2		PO1-01A	Sept 16, 2008											X			2	
3		PO1-01B												X				
4		PO1-02A												X				
5		PO1-03												X				
6		PO1-04A												X				
7		PO1-04B												X				
8		PO5-02	Sept 16/08											X				
9		PO5-03												X				
10		PO1-11												X				

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kwoloshyn	08/09/20	13:00			
			L. Mayo	22/09/08	11:25

Laboratory Use Only

Time Sensitive	Temperature (°C) on Receipt	Condition of Sample on Receipt	Custody Seal Intact on Cooler?
☐	6.6.6 6.6.6	☐ OK ☐ SIF	☐ Yes ☐ No
	5.3.5 6.1.9		
	6.3.5 5.4.6		

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CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#2448 GARTNER LEE LTD.	Company Name:	Same as invoice	Quotation #:	A80323	MAXXAM JOB #:	BOTTLE ORDER #:
Contact Name:	Kai Woloshyn	Contact Name:		P.O. #:			29686
Address:	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1	Address:		Project #:		CHAIN OF CUSTODY #:	PROJECT MANAGER:
Phone:	(867)633-6474 Fax: (867)633-6321	Phone:	Fax:	Project Name:		C#29686-05-01	ROB MACARTHUR
Email:	kwoloshyn@gartnerlee.com, sgladwin@gartnerlee.c	Email:		Site Location:	FARO MINE		
				Sampled By:			

REGULATORY CRITERIA:
CCME Metals
ultra low level metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT:
(will be applied if Rush TAT is not specified):
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Dissolved Furnace are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	General Chemistry	Cyanide	Alkalinity, Sulphate, Conductivity	Hardness		Ion balance	Chloride		# of Bottles	Comments
1		P96-6	Sept. 18	Water	N	Y	X	X					X	X		2	
2		P96-7	Sept 19											X			
3		P96-7B												X			
4		P96-8A												X			
5		P96-8B												X			
6		P96-9A	Sept 18, 2018											X			
7		BH05-98R												X			
8		P1001-02A	&											X			
9		P1001-02B												X			
10														X			

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Woloshyn	08/04/20	13:00	A. Mayr	22/08/04	11:05

Laboratory Use Only

Time Sensitive	Temperature (°C) on Receipt	Condition of Sample on Receipt	Custody Seal Intact on Cooler?
☐	6.0, 6.0 5.3, 5 5.0, 5	☐ OK ☐ SIF	☐ Yes ☐ No

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

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CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:

Company Name: #2448 GARTNER LEE LTD.
Contact Name: Kai Woloshyn
Address: 2251 - 2nd AVENUE, WHITEHORSE YT Y1A 5W1
Phone: (867)633-6474 Fax: (867)633-6321
Email: kwoloshyn@gartnerlee.com, sgladwin@gartnerlee.c

REPORT INFORMATION (if differs from invoice):

Company Name: Same as invoice
Contact Name:
Address:
Phone: Fax:
Email:

PROJECT INFORMATION:

Quotation #: A80323
P.O. #:
Project #:
Project Name:
Site Location: FARO MINE
Sampled By:

Laboratory Use Only:

MAXXAM JOB #:
BOTTLE ORDER #: 29686
CHAIN OF CUSTODY #: C#29686-15-01
PROJECT MANAGER: ROB MACARTHUR

REGULATORY CRITERIA: ultra low level metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

ANALYSIS REQUESTED (Please be specific):

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT:
(will be applied if Rush TAT is not specified)
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: Time Required:
Rush Confirmation Number: (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	General Chemistry	pH, conductivity, alkalinity, sulphate, hardness				ion balance	Chloride			# of Bottles	Comments
1		SRK05-05C	Sept. 18, '08	Water	N	Y	X	X					X				2	
2		SRK05-07															2	
3		SRK05-04															2	
4		SRK05-09															2	
5		SRK08-SW1	Sept 19, '08														2	
6		TH86-17	Sept. 17, '08														2	
7		TH86-86	Sept. 19, '08														2	
8		TH15-86	Sept. 17, '08														2	
9		TH86-14	Sept. 17, '08														2	
10		RGC-PW3	Sept 18, '08														2	

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Woloshyn	08/09/18	13:03	A. Mayo	12/09/08	11:25

Laboratory Use Only

Time Sensitive	Temperature (°C) on Receipt	Condition of Sample on Receipt	Custody Seal Intact on Cooler?
☐	6.6.6 6.6.6	☐ OK ☐ SIF	☐ Yes ☐ No
	5.3.3 6.5.6		
	5.5.5 5.6.6		

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

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CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#2448 GARTNER LEE LTD.	Company Name:	Same as invoice	Quotation #:	A80323	MAXXAM JOB #:	BOTTLE ORDER #: 29686
Contact Name:	Kai Woloshyn	Contact Name:		PO #:			
Address:	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1	Address:		Project #:		CHAIN OF CUSTODY #: C#29686-14-01	PROJECT MANAGER: ROB MACARTHUR
Phone:	(867)633-6474 Fax: (867)633-6321	Phone:	Fax:	Project Name:			
Email:	kwoloshyn@gartnerlee.com, sgladwin@gartnerlee.c	Email:		Site Location:	FARO MINE		
				Sampled By:			

REGULATORY CRITERIA: ultra low level metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

ANALYSIS REQUESTED (Please be specific):

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Diss Mod Metals	Gen Chem	Cond, pH, Turbidity	Alkalinity, Sulphate	Hardness		ion balance		Chloride		# of Bottles	Comments
1		V34	Sept 18, 09	Water	N	Y	X	X					X					
2		V35																
3		V36																
4		V37																
5		X16A	Sept 16, 09															
6		X16B																
7		X17A																
8		X17B																
9		X18A																
10		X18B																

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT:
(will be applied if Rush TAT is not specified):
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ (call lab for #)

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Woloshyn	09/09/20	13:30			
			A Mayo	22/09/18	11:25

Laboratory Use Only: Time Sensitive ☐ | Temperature (°C) on Receipt: 4.1, 4.1 / 5.3, 5 / 5.9, 5 / 4.5, 6 / 5.6, 6 | Condition of Sample on Receipt: ☐ OK ☐ SIF | Custody Seal Intact on Cooler?: ☐ Yes ☐ No

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

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CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:

Company Name:	#2448 GARTNER LEE LTD.
Contact Name:	Kai Woloshyn
Address:	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1
Phone:	(867)633-6474 Fax: (867)633-6321
Email:	kwoloshyn@gartnerlee.com, sgladwin@gartnerlee.c

REPORT INFORMATION (if differs from invoice):

Company Name:	Same as Invoice
Contact Name:	
Address:	
Phone:	Fax:
Email:	

PROJECT INFORMATION:

Quotation #:	A80323
P.O. #:	
Project #:	
Project Name:	
Site Location:	FARO MINE
Sampled By:	

Laboratory Use Only:

MAXXAM JOB #:	BOTTLE ORDER #:
	29986
CHAIN OF CUSTODY #:	PROJECT MANAGER:
C#29986-13-01	ROB MACARTHUR

REGULATORY CRITERIA: ultra low level metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT: (will be applied if Rush TAT is not specified) ☒
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Ozone/Fluoride are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission) ☐
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	General Chemistry	Cond, pH, alkalinity, sulphate & hardness	Ion Balance	Chloride	# of Bottles	Comments
1		X21A-96	Sept 17,08	Water	N	F	X	X		X		2	
2		X21B-96	↓	↓	↓	↓	↓	↓				2	
3		X21C-96											
4		X24A-96											
5		X24D-96											
6		X25B-96	Sept 16,08										
7		X25B-96	↓										
8		X25C-96	↓								X		
9		P03-01-01	Sept 17,08										
10		P03-01-02	↓	↓	↓	↓	↓	↓		↓		↓	

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Woloshyn	08/09/150	13:00	A Mayo	22/09/08	11:25

Laboratory Use Only

Time Sensitive	Temperature (°C) on Receipt	Condition of Sample on Receipt	Custody Seal Intact on Cooler?
☐	6.6, 6.4 5.7 3 6.5.4 5.5.5 5.6.4	☐ OK ☐ SIF	☐ Yes ☐ No

White: Maxxam Yellow: Client

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

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CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name	#2448 GARTNER LEE LTD.	Company Name:	Same as invoice	Quotation #:	A80323	MAXXAM JOB #:	BOTTLE ORDER #:
Contact Name	Kai Wolcshyn	Contact Name		P.O. #:			29586
Address	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1	Address:		Project #:		CHAIN OF CUSTODY #:	PROJECT MANAGER:
Phone:	(867)633-6474 Fax: (867)633-6321	Phone:	Fax:	Project Name:		C#29586-09-01	ROB MACARTHUR
Email:	kwolcshyn@gartnerlee.com, aglacwin@gartnerlee.c	Email:		Site Location:	FARO MINE		
				Sampled By:			

REGULATORY CRITERIA: Ultra Low Level metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

ANALYSIS REQUESTED (Please be specific):

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT:
(will be applied if Rush TAT is not specified):
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Ozonia/Fuvalue are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	Gen. Chem.	Cyanide, Total	Alkalinity, Sulphate, Hardness				Ion Balance	Chloride	# of Bottles	Comments
1		P03-01-03	Sept 12, 08	Water	N	Y	X	X						X		2	
2		P03-01-04					X	X								2	
3		P03-01-06					X	X								2	
4		P03-01-07					X	X								2	
5		P03-01-08					X	X								2	
6		P03-04-02					X	X								2	
7		P03-04-04					X	X								2	
8		P03-04-05					X	X								2	
9		P03-04-06					X	X								2	
10		P03-01-09					X	X								2	

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Wolcshyn	08/09/12	13:00	A. Mayo	22/09/08	11:25

Laboratory Use Only:

Time Sensitive	Temperature (°C) on Receipt		Condition of Sample on Receipt	Custody Seal Intact on Cooler?
☐	6.6.6	6.6.6	☐ OK ☐ SIF	☐ Yes ☐ No
	5.3.3	6.5.6		
	5.5.5	5.6.6		

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CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:
Company Name: #2448 GARTNER LEE LTD.
Contact Name: Kai Wokoshyn
Address: 2251 - 2nd AVENUE, WHITEHORSE YT Y1A 5W1
Phone: (867)633-6474 Fax: (867)633-6321
Email: kwokoshyn@gartnerlee.com, sgladwin@gartnerlee.c

REPORT INFORMATION (if differs from invoice):
Company Name: Same as invoice
Contact Name:
Address:
Phone: Fax:
Email:

PROJECT INFORMATION:
Quotation #: A80323
P.O. #:
Project #:
Project Name:
Site Location: FARO MINE
Sampled By:

Laboratory Use Only:
MAXXAM JOB #:
BOTTLE ORDER #: 29686
CHAIN OF CUSTODY #: C#29686-11-01
PROJECT MANAGER: ROB MACARTHUR

REGULATORY CRITERIA: Ultra Low Level Metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

TURNAROUND TIME (TAT) REQUIRED:
Regular (Standard) TAT: (will be applied if Rush TAT is not specified) ☒
Standard TAT = 5-7 Working days for most tests
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.
Job Specific Rush TAT (if applies to entire submission)
Date Required: Time Required:
Rush Confirmation Number: (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	Gen Chem (pH, Conductivity, Total Alkalinity, Sulphate, Hardness)	Ion Balance	Chloride	# of Bottles	Comments
1		PD3-08-01	Sept 16/08	Water	N	F	X	X			2	
2		PD3-08-03										
3		PD3-08-04										
4		PD3-08-05										
5		PD3-08-07										
6		PD3-08-09										
7		PD3-09-01								X		
8		PD3-09-02								X		
9		PD3-09-03								X		
10		PD3-09-04								X		

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Wokoshyn	08/09/20	13:00	A. Mayo	22/09/08	11:25

Laboratory Use Only
Time Sensitive ☐
Temperature (°C) on Receipt: 6.6.6 6.6.6 / 5.3.3 6.5.6 / 5.5.5 5.6.6
Condition of Sample on Receipt: ☐ OK ☐ SIF
Custody Seal Intact on Cooler? ☐ Yes ☐ No

*IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

Maxxam Analytics Inc
8577 Commerce Court, Burnaby, British Columbia Canada V5A 4N5
Tel (604) 444-4808 Toll-free (800) 440-4808 Fax (604) 444-4811 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#2448 GARTNER LEE LTD.	Company Name:	Same as Invoice	Quotation #:	A80323	MAXXAM JOB #:	BOTTLE ORDER #:
Contact Name:	Kai Woloshyn	Contact Name:		P.O. #:			29686
Address:	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1	Address:		Project #:		CHAIN OF CUSTODY #:	PROJECT MANAGER:
Phone:	(867)633-6474 Fax: (867)633-6321	Phone:	Fax:	Project Name:		C#29686-07-01	ROB MACARTHUR
Email:	kwoloshyn@gartnerlee.com, sglackwin@gartnerlee.c	Email:		Site Location:	FARO MINE		
				Sampled By:			

REGULATORY CRITERIA: Ultra Low level Metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

ANALYSIS REQUESTED (Please be specific)

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT: (will be applied if Rush TAT is not specified) ☒
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Organics/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: _____ Time Required: _____ ☐
Rush Confirmation Number: _____ (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water ? (Y/N)	Metals Field Filtered ? (Y/N)	Dissolved Metals	General Chemistry (pH, conductivity, Total Alkalinity, Sulphate, Hardness)	Ion Balance	Chloride	# of Bottles	Comments
1		PD3-09-05	Sept. 16, '20	Water	N	Y	X	X			2	
2		PD3-09-06	"	"	"	"	"	"			2	
3		PD3-09-07	"	"	"	"	"	"			1	
4		PD3-09-08	"	"	"	"	"	"				
5		PD3-09-09	"	"	"	"	"	"				
6		PD3-09-10	"	"	"	"	"	"		X		
7		PD3-09-08A	"	"	"	"	"	"				
8		PD5-01-01	"	"	"	"	"	"		X		
9		PD5-01-02	"	"	"	"	"	"				
10		PD5-01-03	"	"	"	"	"	"				

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	Laboratory Use Only: Time Sensitive	Temperature (°C) on Receipt	Condition of Sample on Receipt	Custody Seal Intact on Cooler?
Kai Woloshyn	08/09/20	13:00				☐		☐ OK ☐ SIF	☐ Yes ☐ No

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

MaxXam Analytics Inc

8577 Commerce Court, Burnaby, British Columbia Canada V5A 4N5
Tel:(604) 444-4808 Toll-free (800) 440-4808 Fax:(604) 444-4511 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:

Company Name	#2449 GARTNER LEE LTD.
Contact Name	Kai Woloshyn
Address	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1
Phone	(867)633-6474 Fax: (867)633-6321
Email	kwoloshyn@gartnerlee.com, sgladwin@gartnerlee.c

REPORT INFORMATION (if differs from invoice):

Company Name	See as invoice
Contact Name	
Address	
Phone	Fax:
Email	

PROJECT INFORMATION:

Quotation #:	A80323
P.O. #:	
Project #:	
Project Name	
Site Location	FARO MINE
Sampled By	

Laboratory Use Only:

MAXXAM JOB #:	BOTTLE ORDER #:
	29666
CHAIN OF CUSTODY #:	PROJECT MANAGER:
C#29666-05-01	ROB MACARTHUR

REGULATORY CRITERIA: Ultra Low Level Metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT: ☒
(will be applied if Rush TAT is not specified).
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission) ☐
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	Gen. Chem.	Cond, Alkalinity, Sulphate, Hardness					Ion Balance	Chloride	# of Bottles	Comments
1		PDS-01-04	Sept. 16/08	Water	N	Y	X	X						X	X	2	
2		PDS-01-05	"	"	"	"	"	"						"	"	2	
3		PDS-01-06	"	"	"	"	"	"						"	"	2	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Woloshyn	08/09/20	13:00			

Laboratory Use Only

Time Sensitive	Temperature (°C) on Receipt	Custody Seal Present on Receipt	Custody Seal Intact on Cooler?
☐		☐ OK ☐ SIF	☐ Yes ☐ No

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

Your Project #: FARO MINE
Your C.O.C. #: 29686-04, 29686-02, 29686-06, 29686-15, 29686-14, 29686-13, 29686-09, 29686-11, 29686-07, 29686-05

Attention: Kai Woloshyn
AECOM
2251 - 2nd AVENUE
WHITEHORSE, YT
CANADA Y1A 5W1

Report Date: 2008/10/28
This report supersedes all previous reports with the same Maxxam job number

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A849801
Received: 2008/09/22, 11:25

Sample Matrix: Water
Samples Received: 92

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity - Water	6	2008/09/24	2008/09/25	BRN SOP-00264 R2.0	Based on SM2320B
Alkalinity - Water	53	2008/09/24	2008/09/26	BRN SOP-00264 R2.0	Based on SM2320B
Alkalinity - Water	10	2008/09/24	2008/09/27	BRN SOP-00264 R2.0	Based on SM2320B
Alkalinity - Water	1	2008/09/26	2008/09/26	BRN SOP-00264 R2.0	Based on SM2320B
Alkalinity - Water	20	2008/09/26	2008/09/27	BRN SOP-00264 R2.0	Based on SM2320B
Alkalinity - Water	1	2008/09/26	2008/09/28	BRN SOP-00264 R2.0	Based on SM2320B
Chloride by Automated Colourimetry	32	N/A	2008/09/25	BRN-SOP 00234 R1.0	Based on EPA 325.2
Chloride by Automated Colourimetry	40	N/A	2008/09/27	BRN-SOP 00234 R1.0	Based on EPA 325.2
Conductance - water	6	N/A	2008/09/25	BRN SOP-00264 R2.0	Based on SM-2510B
Conductance - water	54	N/A	2008/09/26	BRN SOP-00264 R2.0	Based on SM-2510B
Conductance - water	30	N/A	2008/09/27	BRN SOP-00264 R2.0	Based on SM-2510B
Conductance - water	1	N/A	2008/09/28	BRN SOP-00264 R2.0	Based on SM-2510B
Hardness (calculated as CaCO3)	91	N/A	2008/09/29		
Ion Balance	72	N/A	2008/10/01		
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	17	N/A	2008/09/26	BRN SOP-00206	Based on EPA 200.8
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	74	N/A	2008/09/27	BRN SOP-00206	Based on EPA 200.8
Elements by ICPMS Low Level (dissolved) (1)	17	N/A	2008/09/26	BRN SOP-00206	Based on EPA 200.8
Elements by ICPMS Low Level (dissolved) (1)	73	N/A	2008/09/27	BRN SOP-00206	Based on EPA 200.8
Elements by ICPMS Low Level (dissolved) (1)	1	N/A	2008/09/29	BRN SOP-00206	Based on EPA 200.8
Filter and HNO3 Preserve for Metals	91	N/A	2008/09/25	BRN WI-00006 R1.0	Based on EPA 200.2
pH Water	6	N/A	2008/09/25	BRN SOP-00264 R2.0	Based on SM-4500H+B
pH Water	54	N/A	2008/09/26	BRN SOP-00264 R2.0	Based on SM-4500H+B
pH Water	30	N/A	2008/09/27	BRN SOP-00264 R2.0	Based on SM-4500H+B
pH Water	1	N/A	2008/09/28	BRN SOP-00264 R2.0	Based on SM-4500H+B
Sulphate by Automated Colourimetry	14	N/A	2008/09/25	BRN-SOP 00243 R1.0	Based on EPA 375.4
Sulphate by Automated Colourimetry	19	N/A	2008/09/26	BRN-SOP 00243 R1.0	Based on EPA 375.4
Sulphate by Automated Colourimetry	59	N/A	2008/09/27	BRN-SOP 00243 R1.0	Based on EPA 375.4

* Results relate only to the items tested.

(1) SCC/CAEAL

../2

AECOM
Maxxam Job #: A849801
Client Project #: FARO MINE
Report Date: 2008/10/28

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

ROB MACARTHUR, BBY Customer Service
Email: rob.macarthur@maxxamanalytics.com
Phone# (604) 444-4808 Ext:253

==========

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

Total cover pages: 2

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		L76298	L76300	L76301	L76302	L76303			L76304		L76305		
Sampling Date		2008/09/18	2008/09/18	2008/09/18	2008/09/18	2008/09/18			2008/09/18		2008/09/19		
	Units	**BH1**	**BH1A**	**BH4**	**BH5**	**BH6**	**RDL**	**QC Batch**	**BH8**	**QC Batch**	**BH8A**	**RDL**	**QC Batch**
Preparation													
Filter and HNO3 Preservation	N/A	FIELD	FIELD	FIELD	FIELD	FIELD	N/A	ONSITE	FIELD	ONSITE	FIELD	N/A	ONSITE
Calculated Parameters													
Ion Balance	N/A		1.1	1.1	1.1	1.1	0.01	2600178	0.83(1)	2600178	0.78(1)	0.01	2600178
Misc. Inorganics													
Alkalinity (Total as CaCO3)	mg/L	82	130	8.7	97	96	0.5	2602990	<0.5	2602990	<0.5	0.5	2602990
Anions													
Dissolved Sulphate (SO4)	mg/L	180	130	460	110	120	5	2604696	3200	2604696	4000	50	2623334
Dissolved Chloride (Cl)	mg/L		0.8	0.7	1.2	0.9	0.5	2604703	0.9	2604703	0.9	0.5	2604703
Physical Properties													
Conductivity	uS/cm	550	530	930	440	450	1	2602979	4200	2602979	4700	1	2602979
pH	pH Units	7.0	6.8	5.7	6.7	7.0		2602973	3.1(2)	2620354	3.7(2)		2602973

Maxxam ID		L76306		L76307		L76308	L76309	L76310		L76311	L76312		
Sampling Date		2008/09/18		2008/09/18		2008/09/18	2008/09/18	2008/09/16		2008/09/16	2008/09/16		
	Units	**BH12B**	**RDL**	**BH13B**	**QC Batch**	**BH14A**	**BH14B**	**PO1-01A**	**RDL**	**PO1-01B**	**PO1-02A**	**RDL**	**QC Batch**
Preparation													
Filter and HNO3 Preservation	N/A	FIELD	N/A	FIELD	ONSITE	FIELD	FIELD	FIELD	N/A	FIELD	FIELD	N/A	ONSITE
Calculated Parameters													
Ion Balance	N/A	1.1	0.01	1.1	2600178	1.0	1.1	0.96	0.01	1.0	1.0	0.01	2600178
Misc. Inorganics													
Alkalinity (Total as CaCO3)	mg/L	170	0.5	75	2602990	380	380	260	0.5	260	250	0.5	2602990
Anions													
Dissolved Sulphate (SO4)	mg/L	350	5	890	2623334	3200	2400	750	50	440	150	5	2604696
Dissolved Chloride (Cl)	mg/L	1.2	0.5	1.6	2604703	9.8	12	2.2	0.5	2.0	1.3	0.5	2604703
Physical Properties													
Conductivity	uS/cm	1000	1	1700	2602979	4700	4000	1600	1	1200	710	1	2602979
pH	pH Units	7.8		7.6	2602973	7.7	7.8	8.0		8.1	8.2		2602973

N/A = Not Applicable
RDL = Reportable Detection Limit
(1) - Ionic imbalance due to low pH; analysis performed in duplicate.
(2) - pH result is lower than the lowest standard (4 pH Units).

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		L76313		L76314		L76315	L76316		L76317		L76318	L76319		
Sampling Date		2008/09/17		2008/09/17		2008/09/17	2008/09/16		2008/09/16		2008/09/16	2008/09/18		
	Units	**PO1-03**	**RDL**	**PO1-04A**	**RDL**	**PO1-04B**	**PO5-02**	**RDL**	**PO5-03**	**RDL**	**PO1-11**	**P96-6**	**RDL**	**QC Batch**
Preparation														
Filter and HNO3 Preservation	N/A	FIELD	N/A	FIELD	N/A	FIELD	FIELD	N/A	FIELD	N/A	FIELD	FIELD	N/A	ONSITE
Calculated Parameters														
Ion Balance	N/A	1.0	0.01	1.0	0.01	0.92	1.0	0.01	1.0	0.01	1.0	0.95	0.01	2600178
Misc. Inorganics														
Alkalinity (Total as CaCO3)	mg/L	370	0.5	570	0.5	300	340	0.5	270	0.5	350	300	0.5	2602990
Anions														
Dissolved Sulphate (SO4)	mg/L	1700	50	41	0.5	750	1200	50	430	5	1300	700	50	2604696
Dissolved Chloride (Cl)	mg/L	4.0	0.5	5.9	0.5	1.8	2.7	0.5	1.5	0.5	3.0	1.1	0.5	2604703
Physical Properties														
Conductivity	uS/cm	3100	1	1000	1	1600	2400	1	1200	1	2500	1600	1	2602979
pH	pH Units	7.5		7.8		7.9	7.8		8.0		7.7	7.3		2602973

Maxxam ID		L76320	L76321	L76322	L76323	L76324		L76325		L76326		
Sampling Date		2008/09/19	2008/09/19	2008/09/19	2008/09/19	2008/09/18		2008/09/18		2008/09/18		
	Units	**P96-7**	**P96-7B**	**P96-8A**	**P98-8B**	**P96-9A**	**RDL**	**BH05-9B-R**	**QC Batch**	**P2001-02A**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	FIELD	FIELD	FIELD	FIELD	N/A	FIELD	ONSITE	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	0.96	1.0	0.93	0.92	0.97	0.01	1.1	2600178	1.1	0.01	2600178
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	190	190	220	130	380	0.5	150	2602990	410	0.5	2602990
Anions												
Dissolved Sulphate (SO4)	mg/L	2400	2200	5500	5300	1700	50	150	2604696	310	5	2623334
Dissolved Chloride (Cl)	mg/L	0.9	1.0	9.8	8.9	1.7	0.5	1.7	2604703	1.8	0.5	2604703
Physical Properties												
Conductivity	uS/cm	3400	3300	6900	6800	2900	1	630	2602979	1200	1	2602979
pH	pH Units	7.9	7.9	7.0	7.0	7.8		8.2	2602973	8.0		2602973

N/A = Not Applicable
RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		L76327	L76328		L76329	L76330	L76331			L76332		
Sampling Date		2008/09/18	2008/09/18		2008/09/18	2008/09/18	2008/09/18			2008/09/19		
	Units	**P2001-02B**	**SRK05-05C**	**RDL**	**SRK05-07**	**SRK05-08**	**SRK05-09**	**RDL**	**QC Batch**	**SRK08-SPW1**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	FIELD	N/A	FIELD	FIELD	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	1.1	1.0	0.01	1.0	1.1	1.1	0.01	2600178	1.1	0.01	2600178
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	400	210	0.5	560	500	360	0.5	2602990	270	0.5	2602990
Anions												
Dissolved Sulphate (SO4)	mg/L	330	340	5	1600	780	1000	50	2604696	200	5	2611181
Dissolved Chloride (Cl)	mg/L	2.1	1.1	0.5	2.6	13	1.9	0.5	2604703	1.5	0.5	2611171
Physical Properties												
Conductivity	uS/cm	1200	990	1	3000	1900	2200	1	2602979	870	1	2602979
pH	pH Units	8.0	8.1		7.9	7.9	8.2		2602973	6.7		2602973

Maxxam ID		L76333	L76334	L76335	L76336			L76337		L76338		
Sampling Date		2008/09/17	2008/09/18	2008/09/17	2008/09/17			2008/09/18		2008/09/18		
	Units	**TH86-17**	**TH2-86**	**TH15-86**	**TH86-14**	**RDL**	**QC Batch**	**R6C-PW3**	**QC Batch**	**V34**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	FIELD	FIELD	FIELD	N/A	ONSITE	FIELD	ONSITE	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	NC	1.0	NC	1.0	0.01	2600178	1.0	2600178	1.1	0.01	2600178
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	68	130	98	100	0.5	2602990	140	2608091	550	0.5	2602990
Anions												
Dissolved Sulphate (SO4)	mg/L	15	43	21	48	0.5	2611181	63	2611181	180	5	2611181
Dissolved Chloride (Cl)	mg/L	0.6	2.0	1.1	1.5	0.5	2611171	34	2611171	2.6	0.5	2611171
Physical Properties												
Conductivity	uS/cm	160	340	230	310	1	2602979	430	2608089	1200	1	2602979
pH	pH Units	7.7	8.0	8.0	7.8		2602973	7.2	2608085	8.1		2602973

N/A = Not Applicable
NC = Non-calculable
RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		L76339			L76340			L76341		L76342		
Sampling Date		2008/09/18			2008/09/18			2008/09/18		2008/09/16		
	Units	**V35**	**RDL**	**QC Batch**	**V36**	**RDL**	**QC Batch**	**V37**	**RDL**	**X16A**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE	FIELD	N/A	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	1.0	0.01	2600178	1.0	0.01	2600178	1.0	0.01	0.97	0.01	2600178
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	390	0.5	2602990	360	0.5	2602990	420	0.5	160	0.5	2602990
Anions												
Dissolved Sulphate (SO4)	mg/L	450	5	2611181	550	50	2623334	110	5	49	0.5	2611181
Dissolved Chloride (Cl)	mg/L	1.3	0.5	2611171	1.1	0.5	2611171	1.0	0.5	0.8	0.5	2611171
Physical Properties												
Conductivity	uS/cm	1400	1	2602979	1500	1	2602979	880	1	390	1	2602979
pH	pH Units	8.2		2602973	8.0		2602973	8.4		8.3		2602973

Maxxam ID		L76343	L76344		L76345		L76346		L76347		
Sampling Date		2008/09/16	2008/09/16		2008/09/16		2008/09/16		2008/09/16		
	Units	**X16B**	**X17A**	**RDL**	**X17B**	**RDL**	**X18A**	**RDL**	**X18B**	**RDL**	**QC Batch**
Preparation											
Filter and HNO3 Preservation	N/A	FIELD	FIELD	N/A	FIELD	N/A	FIELD	N/A	FIELD	N/A	ONSITE
Calculated Parameters											
Ion Balance	N/A	1.0	0.98	0.01	1.0	0.01	1.0	0.01	1.1	0.01	2600178
Misc. Inorganics											
Alkalinity (Total as CaCO3)	mg/L	190	230	0.5	290	0.5	260	0.5	270	0.5	2602990
Anions											
Dissolved Sulphate (SO4)	mg/L	27	39	0.5	62	5	560	50	180	5	2611181
Dissolved Chloride (Cl)	mg/L	0.8	2.4	0.5	2.9	0.5	1.6	0.5	1.0	0.5	2611171
Physical Properties											
Conductivity	uS/cm	400	480	1	630	1	1400	1	830	1	2602979
pH	pH Units	8.3	8.4		8.3		8.2		8.3		2602973

N/A = Not Applicable
RDL = Reportable Detection Limit

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RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		L76348	L76349	L76350	L76351		L76352			L76353		
Sampling Date		2008/09/17	2008/09/17	2008/09/17	2008/09/17		2008/09/17			2008/09/16		
	Units	**X21A-96**	**X21B-96**	**X21C-96**	**X24A-96**	**QC Batch**	**X24D-96**	**RDL**	**QC Batch**	**X25A-96**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	FIELD	FIELD	FIELD	ONSITE	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	1.1	1.1	1.1	0.92	2600178	1.1	0.01	2600178	1.0	0.01	2600178
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	<0.5	66	<0.5	340	2602990	400	0.5	2602990	270	0.5	2602990
Anions												
Dissolved Sulphate (SO4)	mg/L	12000	940	13000	1700	2611181	1900	50	2623334	370	5	2611181
Dissolved Chloride (Cl)	mg/L	<0.5	1.4	<0.5	3.8	2611171	3.8	0.5	2611171	1.3	0.5	2611171
Physical Properties												
Conductivity	uS/cm	12000	1800	12000	2900	2602979	3400	1	2602979	1100	1	2602979
pH	pH Units	3.3(1)	7.3	3.4(1)	7.8	2602973	7.9		2602973	8.3		2602973

Maxxam ID		L76354	L76355			L76356	L76357		L76358	L76359		
Sampling Date		2008/09/16	2008/09/16			2008/09/17	2008/09/17		2008/09/17	2008/09/17		
	Units	**X25B-96**	**X25C-96**	**RDL**	**QC Batch**	**P03-01-01**	**P03-01-02**	**RDL**	**P03-01-03**	**P03-01-04**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	FIELD	N/A	ONSITE	FIELD	FIELD	N/A	FIELD	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	1.1	1.0	0.01	2600178							
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	250	250	0.5	2602990	210	200	0.5	110	39	0.5	2602990
Anions												
Dissolved Sulphate (SO4)	mg/L	430	430	5	2611181	24	25	0.5	57	65	5	2611183
Dissolved Chloride (Cl)	mg/L	1.5	1.4	0.5	2611171							
Physical Properties												
Conductivity	uS/cm	1200	1200	1	2602979	430	420	1	340	240	1	2602979
pH	pH Units	8.2	8.2		2602973	8.4	8.4		8.2	7.6		2602973

N/A = Not Applicable
RDL = Reportable Detection Limit
(1) - pH result is lower than the lowest standard (4 pH Units).

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RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		L76360		L76361	L76362	L76363	L76364		L76365		
Sampling Date		2008/09/17		2008/09/17	2008/09/17	2008/09/17	2008/09/17		2008/09/17		
	Units	**P03-01-06**	**RDL**	**P03-01-07**	**P03-01-08**	**P03-04-02**	**P03-04-04**	**RDL**	**P03-04-05**	**RDL**	**QC Batch**
Preparation											
Filter and HNO3 Preservation	N/A	FIELD	N/A	FIELD	FIELD	FIELD	FIELD	N/A	FIELD	N/A	ONSITE
Misc. Inorganics											
Alkalinity (Total as CaCO3)	mg/L	0.7	0.5	<0.5	<0.5	130	210	0.5	37	0.5	2602990
Anions											
Dissolved Sulphate (SO4)	mg/L	360	5	3100	4700	850	520	50	190	5	2611183
Physical Properties											
Conductivity	uS/cm	740	1	4600	6300	1500	1200	1	500	1	2602979
pH	pH Units	5.8		4.4	3.7(1)	7.0	7.7		6.7		2602973

Maxxam ID		L76366		L76367		L76368			L76369		
Sampling Date		2008/09/17		2008/09/17		2008/09/16			2008/09/16		
	Units	**P03-04-06**	**RDL**	**P03-01-09**	**RDL**	**P03-08-01**	**RDL**	**QC Batch**	**P03-08-03**	**RDL**	**QC Batch**
Preparation											
Filter and HNO3 Preservation	N/A	FIELD	N/A	FIELD	N/A	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE
Misc. Inorganics											
Alkalinity (Total as CaCO3)	mg/L	7.8	0.5	<0.5	0.5	240	0.5	2602990	300	0.5	2608091
Anions											
Dissolved Sulphate (SO4)	mg/L	4000	50	43000(2)	5000	43	0.5	2611183	210	5	2611183
Physical Properties											
Conductivity	uS/cm	4800	1	33000(3)	1	530	1	2602979	910	1	2608089
pH	pH Units	5.3		3.1(1)		7.4		2602973	8.2		2608085

N/A = Not Applicable
RDL = Reportable Detection Limit
(1) - pH result is lower than the lowest standard (4 pH Units).
(2) - RDL raised due to sample matrix interference.
(3) - Conductivity result is greater than the highest standard (12900uS/cm).

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Maxxam ID		L76370	L76371		L76372		L76373			L76374		
Sampling Date		2008/09/16	2008/09/16		2008/09/16		2008/09/16			2008/09/16		
	Units	**P03-08-04**	**P03-08-05**	**RDL**	**P03-08-07**	**RDL**	**P03-08-08**	**RDL**	**QC Batch**	**P03-09-01**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	FIELD	N/A	FIELD	N/A			ONSITE	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A									1.0	0.01	2600178
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	310	310	0.5	50	0.5			2608091	320	0.5	2608091
Anions												
Dissolved Sulphate (SO4)	mg/L	550	900	50	370	5	2.1	0.5	2611183	450	5	2611181
Dissolved Chloride (Cl)	mg/L									2.9	0.5	2611171
Physical Properties												
Conductivity	uS/cm	1500	2000	1	950	1			2608089	1300	1	2608089
pH	pH Units	7.9	7.8		7.7				2608085	8.1		2608085

Maxxam ID		L76375		L76376		L76377	L76378	L76379	L76380		
Sampling Date		2008/09/16		2008/09/16		2008/09/16	2008/09/16	2008/09/16	2008/09/16		
	Units	**P03-09-02**	**RDL**	**P03-09-03**	**QC Batch**	**P03-09-04**	**P03-09-05**	**P03-09-06**	**P03-09-07**	**RDL**	**QC Batch**
Preparation											
Filter and HNO3 Preservation	N/A	FIELD	N/A	FIELD	ONSITE	FIELD	FIELD	FIELD	FIELD	N/A	ONSITE
Calculated Parameters											
Ion Balance	N/A	1.0	0.01	0.97	2600178	1.0	1.1	1.1	1.1	0.01	2600178
Misc. Inorganics											
Alkalinity (Total as CaCO3)	mg/L	320	0.5	290	2608091	290	280	290	290	0.5	2608091
Anions											
Dissolved Sulphate (SO4)	mg/L	420	5	700	2623334	650	590	510	640	50	2611181
Dissolved Chloride (Cl)	mg/L	2.9	0.5	1.7	2611171	1.6	1.7	1.8	1.8	0.5	2611171
Physical Properties											
Conductivity	uS/cm	1300	1	1600	2608089	1500	1600	1400	1600	1	2608089
pH	pH Units	8.2		8.1	2608085	8.2	8.1	8.2	8.2		2608085

N/A = Not Applicable
RDL = Reportable Detection Limit

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RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		L76381		L76382	L76383			L76384		
Sampling Date		2008/09/16		2008/09/16	2008/09/16			2008/09/16		
	Units	**P03-09-08**	**QC Batch**	**P03-09-09**	**P03-09-10**	**RDL**	**QC Batch**	**P03-08-08A**	**RDL**	**QC Batch**
Preparation										
Filter and HNO3 Preservation	N/A	FIELD	ONSITE	FIELD	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE
Calculated Parameters										
Ion Balance	N/A	1.1	2600178	1.1	1.1	0.01	2600178			
Misc. Inorganics										
Alkalinity (Total as CaCO3)	mg/L	280	2608091	290	290	0.5	2608091	100	0.5	2608091
Anions										
Dissolved Sulphate (SO4)	mg/L	600	2623334	630	630	50	2611181	92	5	2611183
Dissolved Chloride (Cl)	mg/L	1.8	2611171	1.7	1.8	0.5	2611171			
Physical Properties										
Conductivity	uS/cm	1600	2608089	1600	1600	1	2608089	490	1	2608089
pH	pH Units	8.2	2608085	8.1	8.2		2608085	8.0		2608085

Maxxam ID		L76385		L76386		L76387	L76388	L76389	L76390		
Sampling Date		2008/09/16		2008/09/16		2008/09/16	2008/09/16	2008/09/16	2008/09/16		
	Units	**P05-01-01**	**QC Batch**	**P05-01-02**	**QC Batch**	**P05-01-03**	**P05-01-04**	**P05-01-05**	**P05-01-06**	**RDL**	**QC Batch**
Preparation											
Filter and HNO3 Preservation	N/A	FIELD	ONSITE	FIELD	ONSITE	FIELD	FIELD	FIELD	FIELD	N/A	ONSITE
Calculated Parameters											
Ion Balance	N/A	1.1	2600178	0.88(1)	2600178	0.98	1.0	1.1	1.0	0.01	2600178
Misc. Inorganics											
Alkalinity (Total as CaCO3)	mg/L	470	2608091	330	2608091	330	320	310	320	0.5	2608091
Anions											
Dissolved Sulphate (SO4)	mg/L	600	2611181	1700	2623334	1300	1300	1200	1300	50	2611181
Dissolved Chloride (Cl)	mg/L	3.8	2611171	2.9	2623303	2.8	2.8	2.6	2.7	0.5	2611171
Physical Properties											
Conductivity	uS/cm	1900	2608089	2600	2608089	2500	2600	2400	2300	1	2608089
pH	pH Units	8.1	2608085	8.0	2608085	8.0	8.0	8.1	7.7		2608085

N/A = Not Applicable
RDL = Reportable Detection Limit
(1) - Ionic imbalance; analysis performed in duplicate.

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76298	L76300	L76301		L76302		L76303		L76304	L76305		
Sampling Date		2008/09/18	2008/09/18	2008/09/18		2008/09/18		2008/09/18		2008/09/18	2008/09/19		
	Units	**BH1**	**BH1A**	**BH4**	**QC Batch**	**BH5**	**QC Batch**	**BH6**	**RDL**	**BH8**	**BH8A**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	260	279	524	2597630	193	2597630	211	0.5	1540	1720	0.5	2597630

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76298	L76300	L76301		L76302		L76303		L76304	L76305		
Sampling Date		2008/09/18	2008/09/18	2008/09/18		2008/09/18		2008/09/18		2008/09/18	2008/09/19		
	Units	**BH1**	**BH1A**	**BH4**	**QC Batch**	**BH5**	**QC Batch**	**BH6**	**RDL**	**BH8**	**BH8A**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	0.646	0.0712	11.3	2600678	0.0341	2600678	0.0310	0.0002	8.93	30.9	0.004	2600678
Dissolved Antimony (Sb)	mg/L	0.00005	0.00008	0.00010	2600678	0.00003	2600678	0.00004	0.00002	0.0005	0.0006	0.0004	2600678
Dissolved Arsenic (As)	mg/L	0.00008	0.00008	0.00023	2600678	0.00028	2600678	0.00010	0.00002	0.0032	0.0060	0.0004	2600678
Dissolved Barium (Ba)	mg/L	0.0456	0.0371	0.0233	2600678	0.0264	2600678	0.0416	0.00002	0.0109	0.0144	0.0004	2600678
Dissolved Beryllium (Be)	mg/L	0.00014	0.00013	0.00430	2600678	0.00016	2600678	0.00010	0.00001	0.0088	0.0290	0.0002	2600678
Dissolved Bismuth (Bi)	mg/L	<0.000005	<0.000005	<0.000005	2600678	<0.000005	2600678	<0.000005	0.000005	<0.0001	<0.0001	0.0001	2600678
Dissolved Boron (B)	mg/L	<0.05	<0.05	<0.05	2600678	<0.05	2600678	<0.05	0.05	<1	<1	1	2600678
Dissolved Cadmium (Cd)	mg/L	0.0337	0.00391	0.0188	2600678	0.000645	2600678	0.00182	0.000005	0.806	1.00	0.0001	2600678
Dissolved Chromium (Cr)	mg/L	0.0001	0.0001	0.0004	2600678	<0.0001	2600678	<0.0001	0.0001	<0.002	0.009	0.002	2600678
Dissolved Cobalt (Co)	mg/L	0.00536	0.00124	0.0947	2600678	0.0115	2600678	0.0380	0.000005	0.607	0.779	0.0001	2600678
Dissolved Copper (Cu)	mg/L	0.00126	0.00605	0.0938	2600678	0.00048	2600678	0.00383	0.00005	1.58	6.11	0.001	2600678
Dissolved Iron (Fe)	mg/L	0.019	0.007	0.219	2600678	13.4	2600678	5.95	0.001	642	800	0.02	2600678
Dissolved Lead (Pb)	mg/L	0.000934	0.00418	0.00772	2600678	0.00128	2600678	0.000838	0.000005	0.408	1.25	0.0001	2600678
Dissolved Lithium (Li)	mg/L	0.0166	0.0139	0.0627	2600678	0.0287	2600678	0.0252	0.0005	0.09	0.11	0.01	2600678
Dissolved Manganese (Mn)	mg/L	0.285	0.129	1.03	2600678	1.15	2600678	1.68	0.00005	13.4	16.4	0.001	2600678
Dissolved Mercury (Hg)	mg/L	<0.00001	<0.00001	<0.00001	2600678	<0.00001	2600678	<0.00001	0.00001	<0.0002	<0.0002	0.0002	2600678
Dissolved Molybdenum (Mo)	mg/L	0.00006	0.00005	<0.00005	2600678	<0.00005	2600678	0.00008	0.00005	<0.001	<0.001	0.001	2600678
Dissolved Nickel (Ni)	mg/L	0.0675	0.00743	0.129	2600678	0.0151	2600678	0.0355	0.00002	0.556	0.654	0.0004	2600678
Dissolved Phosphorus (P)	mg/L	<0.002	<0.002	0.006	2600678	<0.002	2600678	<0.002	0.002	<0.04	<0.04	0.04	2600678
Dissolved Selenium (Se)	mg/L	0.00033	0.00030	0.00015	2600678	0.00004	2600678	<0.00004	0.00004	0.0010	0.0015	0.0008	2600678
Dissolved Silicon (Si)	mg/L	6.6	7.6	10.0	2600678	8.3	2600678	7.3	0.1	4	7	2	2600678
Dissolved Silver (Ag)	mg/L	<0.000005	<0.000005	<0.000005	2600678	0.000014	2600678	<0.000005	0.000005	0.0003	0.0004	0.0001	2600678
Dissolved Strontium (Sr)	mg/L	0.323	0.345	0.604	2600678	0.230	2600678	0.300	0.00005	1.23	1.26	0.001	2600678
Dissolved Thallium (Tl)	mg/L	0.000058	0.000054	0.000108	2600678	0.000055	2600678	0.000049	0.000002	0.00752	0.00803	0.00004	2600678
Dissolved Tin (Sn)	mg/L	<0.00001	0.00001	<0.00001	2600678	<0.00001	2600678	0.00001	0.00001	0.0004	<0.0002	0.0002	2600678
Dissolved Titanium (Ti)	mg/L	0.0006	0.0006	0.0006	2600678	0.0009	2600678	0.0009	0.0005	0.02	0.03	0.01	2600678
Dissolved Uranium (U)	mg/L	0.000100	0.00140	0.000850	2600678	0.000116	2600678	0.00100	0.000002	0.0202	0.0818	0.00004	2600678
Dissolved Vanadium (V)	mg/L	<0.0002	<0.0002	<0.0002	2600678	<0.0002	2600678	<0.0002	0.0002	<0.004	<0.004	0.004	2600678
Dissolved Zinc (Zn)	mg/L	14.6	1.09	8.27	2600678	1.80	2600678	4.70	0.0001	256	321	0.002	2600678
Dissolved Zirconium (Zr)	mg/L	<0.0001	<0.0001	<0.0001	2600678	<0.0001	2600678	<0.0001	0.0001	<0.002	<0.002	0.002	2600678
Dissolved Calcium (Ca)	mg/L	70.9	81.7	159	2610981	48.7	2621171	58.1	0.05	305	328	0.2	2610981
Dissolved Magnesium (Mg)	mg/L	20.2	18.2	31.1	2610981	17.3	2610981	16.1	0.05	189	218	0.2	2610981
Dissolved Potassium (K)	mg/L	2.12	1.69	2.15	2610981	2.64	2610981	2.19	0.05	7.7	7.7	0.2	2610981
Dissolved Sodium (Na)	mg/L	4.25	5.27	7.04	2610981	6.99	2610981	4.74	0.05	36.4	34.4	0.2	2610981
Dissolved Sulphur (S)	mg/L	75	55	198	2610981	46	2610981	50	3	1080	1270	10	2610981

RDL = Reportable Detection Limit

Maxxam Job #: A849801
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LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76306	L76307			L76308	L76309	L76310		L76311	L76312		
Sampling Date		2008/09/18	2008/09/18			2008/09/18	2008/09/18	2008/09/16		2008/09/16	2008/09/16		
	Units	**BH12B**	**BH13B**	**RDL**	**QC Batch**	**BH14A**	**BH14B**	**PO1-01A**	**RDL**	**PO1-01B**	**PO1-02A**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	568	1070	0.5	2597630	3750	3040	929	0.5	679	383	0.5	2597630

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76306	L76307			L76308	L76309	L76310		L76311	L76312		
Sampling Date		2008/09/18	2008/09/18			2008/09/18	2008/09/18	2008/09/16		2008/09/16	2008/09/16		
	Units	**BH12B**	**BH13B**	**RDL**	**QC Batch**	**BH14A**	**BH14B**	**PO1-01A**	**RDL**	**PO1-01B**	**PO1-02A**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	0.0028	0.0043	0.0002	2600699	0.003	<0.001	<0.001	0.001	0.0006	0.0003	0.0002	2600699
Dissolved Antimony (Sb)	mg/L	0.00013	0.00003	0.00002	2600699	0.0002	0.0002	0.0002	0.0001	0.00005	0.00004	0.00002	2600699
Dissolved Arsenic (As)	mg/L	0.00013	0.00007	0.00002	2600699	0.0003	0.0003	0.0003	0.0001	0.00303	0.00062	0.00002	2600699
Dissolved Barium (Ba)	mg/L	0.0340	0.0446	0.00002	2600699	0.0231	0.0228	0.0578	0.0001	0.0683	0.0664	0.00002	2600699
Dissolved Beryllium (Be)	mg/L	<0.00001	<0.00001	0.00001	2600699	<0.00005	<0.00005	<0.00005	0.00005	0.00003	<0.00001	0.00001	2600699
Dissolved Bismuth (Bi)	mg/L	<0.000005	<0.000005	0.000005	2600699	<0.00003	<0.00003	<0.00003	0.00003	<0.000005	<0.000005	0.000005	2600699
Dissolved Boron (B)	mg/L	<0.05	<0.05	0.05	2600699	<0.3	<0.3	<0.3	0.3	<0.05	<0.05	0.05	2600699
Dissolved Cadmium (Cd)	mg/L	0.000334	0.000065	0.000005	2600699	0.00214	0.00144	0.00074	0.00003	<0.000005	0.000083	0.000005	2600699
Dissolved Chromium (Cr)	mg/L	0.0001	<0.0001	0.0001	2600699	<0.0005	<0.0005	<0.0005	0.0005	<0.0001	<0.0001	0.0001	2600699
Dissolved Cobalt (Co)	mg/L	0.000071	0.00264	0.000005	2600699	0.00008	0.00006	0.00116	0.00003	0.000128	0.000542	0.000005	2600699
Dissolved Copper (Cu)	mg/L	0.00214	0.00457	0.00005	2600699	0.0015	0.0010	<0.0003	0.0003	<0.00005	0.00029	0.00005	2600699
Dissolved Iron (Fe)	mg/L	0.005	0.010	0.001	2600699	0.021	0.008	0.005	0.005	0.770	0.016	0.001	2600699
Dissolved Lead (Pb)	mg/L	0.00140	0.000075	0.000005	2600699	0.00207	0.00071	0.00005	0.00003	0.000016	0.000031	0.000005	2600699
Dissolved Lithium (Li)	mg/L	0.0198	0.0177	0.0005	2600699	0.073	0.060	0.012	0.003	0.0118	0.0064	0.0005	2600699
Dissolved Manganese (Mn)	mg/L	0.00168	0.00107	0.00005	2600699	0.0093	0.0043	4.91	0.0003	0.0919	1.19	0.00005	2600699
Dissolved Mercury (Hg)	mg/L	<0.00001	<0.00001	0.00001	2600699	<0.00005	<0.00005	<0.00005	0.00005	<0.00001	<0.00001	0.00001	2600699
Dissolved Molybdenum (Mo)	mg/L	0.00028	0.00360	0.00005	2600699	0.0004	0.0004	0.0012	0.0003	0.00110	0.00177	0.00005	2600699
Dissolved Nickel (Ni)	mg/L	0.0110	0.0101	0.00002	2600699	0.0881	0.0505	0.0064	0.0001	0.00044	0.00239	0.00002	2600699
Dissolved Phosphorus (P)	mg/L	0.002	<0.002	0.002	2600699	<0.01	<0.01	<0.01	0.01	0.004	0.002	0.002	2600699
Dissolved Selenium (Se)	mg/L	0.00163	0.0196	0.00004	2600699	0.0012	0.0008	<0.0002	0.0002	<0.00004	<0.00004	0.00004	2600699
Dissolved Silicon (Si)	mg/L	5.4	3.4	0.1	2600699	8.8	7.8	5.3	0.5	5.1	4.5	0.1	2600699
Dissolved Silver (Ag)	mg/L	<0.000005	<0.000005	0.000005	2600699	0.00006	0.00006	0.00004	0.00003	<0.000005	<0.000005	0.000005	2600699
Dissolved Strontium (Sr)	mg/L	0.501	1.38	0.00005	2600699	4.05	3.44	0.909	0.0003	0.813	0.328	0.00005	2600699
Dissolved Thallium (Tl)	mg/L	0.000015	0.000017	0.000002	2600699	<0.00001	<0.00001	0.00001	0.00001	<0.000002	0.000012	0.000002	2600699
Dissolved Tin (Sn)	mg/L	0.00019	0.00001	0.00001	2600699	0.00006	0.00007	<0.00005	0.00005	<0.00001	<0.00001	0.00001	2600699
Dissolved Titanium (Ti)	mg/L	0.0006	<0.0005	0.0005	2600699	0.005	0.004	0.004	0.003	<0.0005	0.0005	0.0005	2600699
Dissolved Uranium (U)	mg/L	0.00553	0.00237	0.000002	2600699	0.153	0.147	0.00805	0.00001	0.00789	0.00298	0.000002	2600699
Dissolved Vanadium (V)	mg/L	<0.0002	<0.0002	0.0002	2600699	<0.001	<0.001	<0.001	0.001	<0.0002	<0.0002	0.0002	2600699
Dissolved Zinc (Zn)	mg/L	0.288	0.0020	0.0001	2600699	11.9	7.08	0.0037	0.0005	0.0006	0.0011	0.0001	2600699
Dissolved Zirconium (Zr)	mg/L	<0.0001	<0.0001	0.0001	2600699	<0.0005	<0.0005	<0.0005	0.0005	0.0007	<0.0001	0.0001	2600699
Dissolved Calcium (Ca)	mg/L	112	262	0.05	2621171	892	744	273	0.05	208	111	0.05	2610997
Dissolved Magnesium (Mg)	mg/L	70.3	99.8	0.05	2621171	370	288	59.8	0.05	38.6	25.7	0.05	2610997
Dissolved Potassium (K)	mg/L	3.01	3.64	0.05	2621171	4.18	3.96	5.96	0.05	4.14	2.90	0.05	2610997
Dissolved Sodium (Na)	mg/L	5.40	9.21	0.05	2621171	18.0	16.3	24.4	0.05	23.4	9.18	0.05	2610997
Dissolved Sulphur (S)	mg/L	134	336	3	2621171	1150	877	266	3	166	56	3	2610997

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76313		L76314		L76315	L76316		L76317		L76318		
Sampling Date		2008/09/17		2008/09/17		2008/09/17	2008/09/16		2008/09/16		2008/09/16		
	Units	**PO1-03**	**RDL**	**PO1-04A**	**RDL**	**PO1-04B**	**PO5-02**	**RDL**	**PO5-03**	**RDL**	**PO1-11**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	2020	0.5	480	0.5	885	1510	0.5	668	0.5	1590	0.5	2597630

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76313		L76314		L76315	L76316		L76317		L76318		
Sampling Date		2008/09/17		2008/09/17		2008/09/17	2008/09/16		2008/09/16		2008/09/16		
	Units	**PO1-03**	**RDL**	**PO1-04A**	**RDL**	**PO1-04B**	**PO5-02**	**RDL**	**PO5-03**	**RDL**	**PO1-11**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	<0.001	0.001	0.0016	0.0002	<0.001	<0.001	0.001	0.0016	0.0002	<0.001	0.001	2600699
Dissolved Antimony (Sb)	mg/L	0.0002	0.0001	<0.00002	0.00002	0.0001	0.0001	0.0001	0.00004	0.00002	0.0001	0.0001	2600699
Dissolved Arsenic (As)	mg/L	0.0004	0.0001	0.00034	0.00002	0.0014	0.0060	0.0001	0.00272	0.00002	0.0315	0.0001	2600699
Dissolved Barium (Ba)	mg/L	0.0135	0.0001	0.378	0.00002	0.0255	0.0457	0.0001	0.182	0.00002	0.0397	0.0001	2600699
Dissolved Beryllium (Be)	mg/L	<0.00005	0.00005	0.00019	0.00001	<0.00005	<0.00005	0.00005	<0.00001	0.00001	<0.00005	0.00005	2600699
Dissolved Bismuth (Bi)	mg/L	<0.00003	0.00003	<0.000005	0.000005	<0.00003	<0.00003	0.00003	<0.000005	0.000005	<0.00003	0.00003	2600699
Dissolved Boron (B)	mg/L	<0.3	0.3	<0.05	0.05	<0.3	<0.3	0.3	<0.05	0.05	<0.3	0.3	2600699
Dissolved Cadmium (Cd)	mg/L	0.00136	0.00003	0.000008	0.000005	<0.00003	0.00008	0.00003	0.000059	0.000005	<0.00003	0.00003	2600699
Dissolved Chromium (Cr)	mg/L	<0.0005	0.0005	<0.0001	0.0001	<0.0005	<0.0005	0.0005	<0.0001	0.0001	<0.0005	0.0005	2600699
Dissolved Cobalt (Co)	mg/L	0.106	0.00003	0.000148	0.000005	0.00024	0.00960	0.00003	0.00146	0.000005	0.00368	0.00003	2600699
Dissolved Copper (Cu)	mg/L	<0.0003	0.0003	<0.00005	0.00005	<0.0003	<0.0003	0.0003	0.00006	0.00005	<0.0003	0.0003	2600699
Dissolved Iron (Fe)	mg/L	0.320	0.005	0.590	0.001	6.44	6.22	0.005	3.06	0.001	36.2	0.005	2600699
Dissolved Lead (Pb)	mg/L	0.00010	0.00003	0.000012	0.000005	<0.00003	0.00011	0.00003	0.000028	0.000005	0.00010	0.00003	2600699
Dissolved Lithium (Li)	mg/L	0.019	0.003	0.140	0.0005	0.016	0.021	0.003	0.0063	0.0005	0.017	0.003	2600699
Dissolved Manganese (Mn)	mg/L	60.2	0.0003	0.226	0.00005	2.40	17.3	0.0003	7.25	0.00005	19.8	0.0003	2600699
Dissolved Mercury (Hg)	mg/L	<0.00005	0.00005	0.00001	0.00001	<0.00005	<0.00005	0.00005	<0.00001	0.00001	<0.00005	0.00005	2600699
Dissolved Molybdenum (Mo)	mg/L	<0.0003	0.0003	<0.00005	0.00005	0.0005	0.0004	0.0003	0.00465	0.00005	0.0011	0.0003	2600699
Dissolved Nickel (Ni)	mg/L	0.162	0.0001	0.00011	0.00002	0.0005	0.0105	0.0001	0.00227	0.00002	0.0074	0.0001	2600699
Dissolved Phosphorus (P)	mg/L	<0.01	0.01	0.014	0.002	<0.01	<0.01	0.01	0.029	0.002	<0.01	0.01	2600699
Dissolved Selenium (Se)	mg/L	<0.0002	0.0002	0.00005	0.00004	<0.0002	<0.0002	0.0002	<0.00004	0.00004	<0.0002	0.0002	2600699
Dissolved Silicon (Si)	mg/L	9.9	0.5	6.9	0.1	5.6	8.4	0.5	5.7	0.1	8.4	0.5	2600699
Dissolved Silver (Ag)	mg/L	<0.00003	0.00003	0.000166	0.000005	<0.00003	0.00019	0.00003	0.000010	0.000005	0.00010	0.00003	2600699
Dissolved Strontium (Sr)	mg/L	1.56	0.0003	1.62	0.00005	0.734	1.06	0.0003	0.527	0.00005	1.13	0.0003	2600699
Dissolved Thallium (Tl)	mg/L	0.00001	0.00001	<0.000002	0.000002	<0.00001	0.00004	0.00001	0.000008	0.000002	<0.00001	0.00001	2600699
Dissolved Tin (Sn)	mg/L	<0.00005	0.00005	<0.00001	0.00001	<0.00005	<0.00005	0.00005	0.00002	0.00001	<0.00005	0.00005	2600699
Dissolved Titanium (Ti)	mg/L	0.007	0.003	0.0012	0.0005	0.008	0.010	0.003	0.0009	0.0005	0.008	0.003	2600699
Dissolved Uranium (U)	mg/L	0.00709	0.00001	0.000346	0.000002	0.00431	0.00478	0.00001	0.00859	0.000002	0.00668	0.00001	2600699
Dissolved Vanadium (V)	mg/L	<0.001	0.001	0.0005	0.0002	<0.001	<0.001	0.001	<0.0002	0.0002	<0.001	0.001	2600699
Dissolved Zinc (Zn)	mg/L	0.0201	0.0005	0.0002	0.0001	<0.0005	0.0317	0.0005	0.0021	0.0001	0.0036	0.0005	2600699
Dissolved Zirconium (Zr)	mg/L	<0.0005	0.0005	0.0644	0.0001	0.0016	<0.0005	0.0005	<0.0001	0.0001	<0.0005	0.0005	2600699
Dissolved Calcium (Ca)	mg/L	605	0.05	128	0.05	283	468	0.05	205	0.05	494	0.05	2610997
Dissolved Magnesium (Mg)	mg/L	125	0.05	39.2	0.05	43.7	81.5	0.05	37.7	0.05	87.0	0.05	2610997
Dissolved Potassium (K)	mg/L	7.02	0.05	3.24	0.05	4.54	7.29	0.05	3.92	0.05	7.24	0.05	2610997
Dissolved Sodium (Na)	mg/L	39.8	0.05	64.8	0.05	43.2	43.9	0.05	24.2	0.05	43.2	0.05	2610997
Dissolved Sulphur (S)	mg/L	658	3	15	3	254	469	3	166	3	496	3	2610997

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76319	L76320	L76321		L76322	L76323		L76324		L76325		
Sampling Date		2008/09/18	2008/09/19	2008/09/19		2008/09/19	2008/09/19		2008/09/18		2008/09/18		
	Units	**P96-6**	**P96-7**	**P96-7B**	**RDL**	**P96-8A**	**P98-8B**	**RDL**	**P96-9A**	**RDL**	**BH05-9B-R**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	966	2510	2480	0.5	5280	4920	0.5	2060	0.5	220	0.5	2597630

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76319	L76320	L76321		L76322	L76323		L76324		L76325		
Sampling Date		2008/09/18	2008/09/19	2008/09/19		2008/09/19	2008/09/19		2008/09/18		2008/09/18		
	Units	**P96-6**	**P96-7**	**P96-7B**	**RDL**	**P96-8A**	**P98-8B**	**RDL**	**P96-9A**	**RDL**	**BH05-9B-R**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	<0.001	0.001	0.003	0.001	0.073	0.006	0.004	0.003	0.001	0.0078	0.0002	2600699
Dissolved Antimony (Sb)	mg/L	0.0001	0.0001	0.0001	0.0001	0.0005	0.0021	0.0004	0.0003	0.0001	0.00008	0.00002	2600699
Dissolved Arsenic (As)	mg/L	0.0004	0.0004	0.0003	0.0001	0.0011	0.0009	0.0004	0.0005	0.0001	0.0203	0.00002	2600699
Dissolved Barium (Ba)	mg/L	0.0274	0.0149	0.0148	0.0001	0.0251	0.0192	0.0004	0.0551	0.0001	0.0203	0.00002	2600699
Dissolved Beryllium (Be)	mg/L	0.00010	<0.00005	<0.00005	0.00005	0.0002	<0.0002	0.0002	<0.00005	0.00005	<0.00001	0.00001	2600699
Dissolved Bismuth (Bi)	mg/L	<0.00003	<0.00003	<0.00003	0.00003	<0.0001	<0.0001	0.0001	<0.00003	0.00003	0.000007	0.000005	2600699
Dissolved Boron (B)	mg/L	<0.3	<0.3	<0.3	0.3	<1	<1	1	<0.3	0.3	<0.05	0.05	2600699
Dissolved Cadmium (Cd)	mg/L	0.00040	0.00004	0.00005	0.00003	0.0489	0.195	0.0001	0.00116	0.00003	0.000012	0.000005	2600699
Dissolved Chromium (Cr)	mg/L	<0.0005	<0.0005	<0.0005	0.0005	<0.002	<0.002	0.002	<0.0005	0.0005	<0.0001	0.0001	2600699
Dissolved Cobalt (Co)	mg/L	0.00005	0.00004	0.00005	0.00003	0.629	0.359	0.0001	0.00262	0.00003	0.000097	0.000005	2600699
Dissolved Copper (Cu)	mg/L	0.0004	0.0005	0.0005	0.0003	0.004	0.004	0.001	0.0029	0.0003	0.00045	0.00005	2600699
Dissolved Iron (Fe)	mg/L	0.009	0.008	0.012	0.005	11.1	0.04	0.02	0.063	0.005	0.762	0.001	2600699
Dissolved Lead (Pb)	mg/L	0.00006	0.00003	0.00010	0.00003	0.0066	0.0011	0.0001	0.00009	0.00003	0.00614	0.000005	2600699
Dissolved Lithium (Li)	mg/L	0.041	0.032	0.032	0.003	0.16	0.19	0.01	0.007	0.003	0.0224	0.0005	2600699
Dissolved Manganese (Mn)	mg/L	0.0059	0.0005	0.0004	0.0003	73.7	75.6	0.001	0.420	0.0003	0.102	0.00005	2600699
Dissolved Mercury (Hg)	mg/L	<0.00005	<0.00005	<0.00005	0.00005	<0.0002	<0.0002	0.0002	<0.00005	0.00005	<0.00001	0.00001	2600699
Dissolved Molybdenum (Mo)	mg/L	<0.0003	0.0008	0.0008	0.0003	<0.001	<0.001	0.001	0.0010	0.0003	0.0122	0.00005	2600699
Dissolved Nickel (Ni)	mg/L	0.0229	0.0011	0.0010	0.0001	0.809	1.22	0.0004	0.0142	0.0001	0.00035	0.00002	2600699
Dissolved Phosphorus (P)	mg/L	<0.01	<0.01	<0.01	0.01	<0.04	<0.04	0.04	<0.01	0.01	0.027	0.002	2600699
Dissolved Selenium (Se)	mg/L	0.0051	0.0007	0.0006	0.0002	<0.0008	<0.0008	0.0008	0.0005	0.0002	<0.00004	0.00004	2600699
Dissolved Silicon (Si)	mg/L	9.1	5.3	5.2	0.5	10	7	2	5.1	0.5	5.2	0.1	2600699
Dissolved Silver (Ag)	mg/L	0.00011	0.00005	0.00005	0.00003	<0.0001	0.0001	0.0001	0.00006	0.00003	<0.000005	0.000005	2600699
Dissolved Strontium (Sr)	mg/L	0.832	0.767	0.766	0.0003	4.18	4.00	0.001	1.14	0.0003	1.18	0.00005	2600699
Dissolved Thallium (Tl)	mg/L	<0.00001	<0.00001	<0.00001	0.00001	0.00012	0.00004	0.00004	0.00005	0.00001	<0.000002	0.000002	2600699
Dissolved Tin (Sn)	mg/L	<0.00005	<0.00005	<0.00005	0.00005	<0.0002	<0.0002	0.0002	<0.00005	0.00005	0.00001	0.00001	2600699
Dissolved Titanium (Ti)	mg/L	0.006	0.006	0.006	0.003	<0.01	<0.01	0.01	0.006	0.003	0.0009	0.0005	2600699
Dissolved Uranium (U)	mg/L	0.0381	0.0306	0.0314	0.00001	0.00649	0.00328	0.00004	0.0329	0.00001	0.000809	0.000002	2600699
Dissolved Vanadium (V)	mg/L	<0.001	<0.001	<0.001	0.001	<0.004	<0.004	0.004	0.001	0.001	<0.0002	0.0002	2600699
Dissolved Zinc (Zn)	mg/L	0.745	0.0061	0.0072	0.0005	267	442	0.002	0.0158	0.0005	0.0047	0.0001	2600699
Dissolved Zirconium (Zr)	mg/L	<0.0005	<0.0005	<0.0005	0.0005	<0.002	<0.002	0.002	<0.0005	0.0005	<0.0001	0.0001	2600699
Dissolved Calcium (Ca)	mg/L	259	700	690	0.05	531	500	0.2	343	0.05	51.6	0.05	2610997
Dissolved Magnesium (Mg)	mg/L	77.4	184	183	0.05	961	892	0.2	293	0.05	22.1	0.05	2610997
Dissolved Potassium (K)	mg/L	4.29	6.07	5.95	0.05	17.3	16.8	0.2	4.95	0.05	1.92	0.05	2610997
Dissolved Sodium (Na)	mg/L	7.18	19.2	20.1	0.05	53.0	52.2	0.2	12.0	0.05	49.4	0.05	2610997
Dissolved Sulphur (S)	mg/L	247	840	829	3	2110	2070	10	618	3	64	3	2610997

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76326		L76327	L76328		L76329		L76330		L76331		
Sampling Date		2008/09/18		2008/09/18	2008/09/18		2008/09/18		2008/09/18		2008/09/18		
	Units	**P2001-02A**	**QC Batch**	**P2001-02B**	**SRK05-05C**	**RDL**	**SRK05-07**	**RDL**	**SRK05-08**	**QC Batch**	**SRK05-09**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	801	2597630	784	552	0.5	2210	0.5	1410	2597630	1490	0.5	2597630

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76326		L76327	L76328		L76329		L76330		L76331		
Sampling Date		2008/09/18		2008/09/18	2008/09/18		2008/09/18		2008/09/18		2008/09/18		
	Units	**P2001-02A**	**QC Batch**	**P2001-02B**	**SRK05-05C**	**RDL**	**SRK05-07**	**RDL**	**SRK05-08**	**QC Batch**	**SRK05-09**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	0.0040	2600706	0.0052	0.0262	0.0002	0.006	0.001	0.0037	2600706	0.0048	0.0002	2600706
Dissolved Antimony (Sb)	mg/L	0.00048	2600706	0.00022	0.00047	0.00002	0.0016	0.0001	0.00010	2600706	0.00041	0.00002	2600706
Dissolved Arsenic (As)	mg/L	0.0151	2600706	0.00729	0.00701	0.00002	0.0059	0.0001	0.00027	2600706	0.00127	0.00002	2600706
Dissolved Barium (Ba)	mg/L	0.0195	2600706	0.0219	0.143	0.00002	0.0727	0.0001	0.0153	2600706	0.0633	0.00002	2600706
Dissolved Beryllium (Be)	mg/L	<0.00001	2600706	<0.00001	<0.00001	0.00001	<0.00005	0.00005	<0.00001	2600706	<0.00001	0.00001	2600706
Dissolved Bismuth (Bi)	mg/L	<0.000005	2600706	<0.000005	<0.000005	0.000005	<0.00003	0.00003	<0.000005	2600706	<0.000005	0.000005	2600706
Dissolved Boron (B)	mg/L	<0.05	2600706	<0.05	<0.05	0.05	<0.3	0.3	<0.05	2600706	<0.05	0.05	2600706
Dissolved Cadmium (Cd)	mg/L	<0.000005	2600706	<0.000005	0.000023	0.000005	0.00015	0.00003	0.000017	2600706	0.000166	0.000005	2600706
Dissolved Chromium (Cr)	mg/L	<0.0001	2600706	<0.0001	<0.0001	0.0001	<0.0005	0.0005	0.0005	2600706	0.0002	0.0001	2600706
Dissolved Cobalt (Co)	mg/L	0.000545	2600706	0.000581	0.00147	0.000005	0.00424	0.00003	0.000616	2600706	0.000049	0.000005	2600706
Dissolved Copper (Cu)	mg/L	<0.00005	2600706	<0.00005	0.00041	0.00005	0.0011	0.0003	0.00166	2600706	0.00258	0.00005	2600706
Dissolved Iron (Fe)	mg/L	0.404	2600706	0.546	0.735	0.001	0.015	0.005	0.003	2600706	0.009	0.001	2600706
Dissolved Lead (Pb)	mg/L	0.000308	2600706	0.000223	0.00122	0.000005	0.00037	0.00003	0.000045	2600706	0.000540	0.000005	2600706
Dissolved Lithium (Li)	mg/L	0.0302	2600706	0.0278	0.0057	0.0005	0.006	0.003	0.0160	2600706	0.0081	0.0005	2600706
Dissolved Manganese (Mn)	mg/L	0.103	2600706	0.207	1.75	0.00005	0.106	0.0003	0.00022	2600706	0.00009	0.00005	2600706
Dissolved Mercury (Hg)	mg/L	<0.00001	2600706	<0.00001	<0.00001	0.00001	<0.00005	0.00005	<0.00001	2600706	<0.00001	0.00001	2600706
Dissolved Molybdenum (Mo)	mg/L	0.00218	2600706	0.00130	0.0159	0.00005	0.0010	0.0003	0.00060	2600706	0.00379	0.00005	2600706
Dissolved Nickel (Ni)	mg/L	0.00374	2600706	0.00199	0.00334	0.00002	0.113	0.0001	0.00098	2600706	0.00146	0.00002	2600706
Dissolved Phosphorus (P)	mg/L	<0.002	2600706	<0.002	0.007	0.002	<0.01	0.01	<0.002	2600706	0.002	0.002	2600706
Dissolved Selenium (Se)	mg/L	0.00005	2600706	<0.00004	0.00007	0.00004	0.0007	0.0002	0.00068	2600706	0.00068	0.00004	2600706
Dissolved Silicon (Si)	mg/L	6.1	2600706	5.4	5.1	0.1	6.9	0.5	5.9	2600706	3.8	0.1	2600706
Dissolved Silver (Ag)	mg/L	0.000014	2600706	0.000010	0.000013	0.000005	0.00012	0.00003	<0.000005	2600706	0.000005	0.000005	2600706
Dissolved Strontium (Sr)	mg/L	0.963	2600706	0.935	0.661	0.00005	1.36	0.0003	1.29	2600706	0.971	0.00005	2600706
Dissolved Thallium (Tl)	mg/L	0.000002	2600706	0.000003	0.000010	0.000002	0.00003	0.00001	0.000002	2600706	0.000009	0.000002	2600706
Dissolved Tin (Sn)	mg/L	0.00003	2600706	0.00003	0.00003	0.00001	0.00011	0.00005	<0.00001	2600706	0.00002	0.00001	2600706
Dissolved Titanium (Ti)	mg/L	0.0006	2600706	<0.0005	0.0014	0.0005	0.007	0.003	<0.0005	2600706	0.0007	0.0005	2600706
Dissolved Uranium (U)	mg/L	0.0231	2600706	0.0197	0.00726	0.000002	0.0214	0.00001	0.0200	2600706	0.0368	0.000002	2600706
Dissolved Vanadium (V)	mg/L	0.0003	2600706	<0.0002	0.0012	0.0002	<0.001	0.001	<0.0002	2600706	<0.0002	0.0002	2600706
Dissolved Zinc (Zn)	mg/L	0.0058	2600706	0.0072	0.0062	0.0001	0.0293	0.0005	0.0047	2600706	0.0055	0.0001	2600706
Dissolved Zirconium (Zr)	mg/L	0.0002	2600706	0.0002	0.0002	0.0001	0.0006	0.0005	<0.0001	2600706	0.0002	0.0001	2600706
Dissolved Calcium (Ca)	mg/L	182	2621171	180	132	0.05	510	0.05	303	2611002	283	0.05	2621171
Dissolved Magnesium (Mg)	mg/L	83.9	2621171	81.5	54.1	0.05	227	0.05	159	2611002	190	0.05	2621171
Dissolved Potassium (K)	mg/L	3.95	2621171	3.86	2.14	0.05	1.63	0.05	1.75	2611002	3.90	0.05	2621171
Dissolved Sodium (Na)	mg/L	6.41	2621171	7.91	14.4	0.05	13.9	0.05	9.54	2611002	8.78	0.05	2621171
Dissolved Sulphur (S)	mg/L	132	2621171	124	127	3	585	3	294	2611002	408	3	2621171

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76332	L76333	L76334	L76335	L76336	L76337		L76338		
Sampling Date		2008/09/19	2008/09/17	2008/09/18	2008/09/17	2008/09/17	2008/09/18		2008/09/18		
	Units	**SRK08-SPW1**	**TH86-17**	**TH2-86**	**TH15-86**	**TH86-14**	**R6C-PW3**	**QC Batch**	**V34**	**RDL**	**QC Batch**
Misc. Inorganics											
Dissolved Hardness (CaCO3)	mg/L	457	77.7	168	114	151	207	2597630	795	0.5	2597630

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76332	L76333	L76334	L76335	L76336	L76337		L76338		
Sampling Date		2008/09/19	2008/09/17	2008/09/18	2008/09/17	2008/09/17	2008/09/18		2008/09/18		
	Units	**SRK08-SPW1**	**TH86-17**	**TH2-86**	**TH15-86**	**TH86-14**	**R6C-PW3**	**QC Batch**	**V34**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS											
Dissolved Aluminum (Al)	mg/L	0.0441	0.0025	0.0026	0.0040	0.0033	0.0066	2600706	0.0051	0.0002	2600706
Dissolved Antimony (Sb)	mg/L	0.00035	0.00011	0.00020	0.00008	0.00017	0.00024	2600706	0.00007	0.00002	2600706
Dissolved Arsenic (As)	mg/L	0.00344	0.00028	0.00048	0.00025	0.00043	0.00187	2600706	0.00217	0.00002	2600706
Dissolved Barium (Ba)	mg/L	0.0285	0.0462	0.0859	0.0618	0.0823	0.0538	2600706	0.150	0.00002	2600706
Dissolved Beryllium (Be)	mg/L	0.00102	<0.00001	<0.00001	<0.00001	<0.00001	0.00003	2600706	<0.00001	0.00001	2600706
Dissolved Bismuth (Bi)	mg/L	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	2600706	<0.000005	0.000005	2600706
Dissolved Boron (B)	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	2600706	<0.05	0.05	2600706
Dissolved Cadmium (Cd)	mg/L	0.000127	0.000014	0.000037	0.000006	<0.000005	0.000165	2600706	0.000008	0.000005	2600706
Dissolved Chromium (Cr)	mg/L	0.0002	<0.0001	<0.0001	0.0001	<0.0001	0.0002	2600706	<0.0001	0.0001	2600706
Dissolved Cobalt (Co)	mg/L	0.0115	0.000067	0.000240	0.000204	0.000941	0.00187	2600706	0.000924	0.000005	2600706
Dissolved Copper (Cu)	mg/L	0.00038	0.00094	0.00137	0.00056	0.00033	0.00020	2600706	0.00009	0.00005	2600706
Dissolved Iron (Fe)	mg/L	20.6	0.145	0.252	0.299	0.616	23.2	2600706	0.977	0.001	2600706
Dissolved Lead (Pb)	mg/L	0.00102	0.000025	0.000022	0.000013	0.000253	0.000496	2600706	0.000626	0.000005	2600706
Dissolved Lithium (Li)	mg/L	0.0631	0.0047	0.0041	0.0044	0.0048	0.0189	2600706	0.0183	0.0005	2600706
Dissolved Manganese (Mn)	mg/L	1.28	0.00280	0.00847	0.0107	0.0855	0.0921	2600706	0.0847	0.00005	2600706
Dissolved Mercury (Hg)	mg/L	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	2600706	<0.00001	0.00001	2600706
Dissolved Molybdenum (Mo)	mg/L	0.00015	0.00054	0.00277	0.00073	0.00183	0.00344	2600706	0.00300	0.00005	2600706
Dissolved Nickel (Ni)	mg/L	0.0264	0.00151	0.00720	0.00163	0.00391	0.0328	2600706	0.00138	0.00002	2600706
Dissolved Phosphorus (P)	mg/L	0.005	<0.002	<0.002	<0.002	0.002	0.006	2600706	0.012	0.002	2600706
Dissolved Selenium (Se)	mg/L	<0.00004	0.00019	0.00047	0.00026	0.00036	0.00025	2600706	<0.00004	0.00004	2600706
Dissolved Silicon (Si)	mg/L	13.3	4.8	4.7	4.5	4.7	6.4	2600706	5.1	0.1	2600706
Dissolved Silver (Ag)	mg/L	0.000006	0.000005	<0.000005	<0.000005	0.000025	0.000029	2600706	0.000012	0.000005	2600706
Dissolved Strontium (Sr)	mg/L	0.521	0.0949	0.236	0.152	0.203	0.295	2600706	1.18	0.00005	2600706
Dissolved Thallium (Tl)	mg/L	0.000003	<0.000002	<0.000002	<0.000002	<0.000002	0.000002	2600706	<0.000002	0.000002	2600706
Dissolved Tin (Sn)	mg/L	<0.00001	<0.00001	0.00003	<0.00001	0.00001	0.00002	2600706	0.00006	0.00001	2600706
Dissolved Titanium (Ti)	mg/L	0.0009	0.0007	<0.0005	0.0006	0.0008	0.0008	2600706	0.0009	0.0005	2600706
Dissolved Uranium (U)	mg/L	0.000666	0.000383	0.00327	0.00133	0.00210	0.00148	2600706	0.0148	0.000002	2600706
Dissolved Vanadium (V)	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	2600706	<0.0002	0.0002	2600706
Dissolved Zinc (Zn)	mg/L	1.28	0.0116	0.0071	0.0072	0.0087	0.978	2600706	0.0022	0.0001	2600706
Dissolved Zirconium (Zr)	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	2600706	0.0003	0.0001	2600706
Dissolved Calcium (Ca)	mg/L	116	22.8	50.3	34.0	45.9	59.9	2611002	119	0.05	2621171
Dissolved Magnesium (Mg)	mg/L	40.4	5.07	10.2	6.98	8.82	14.0	2611002	121	0.05	2621171
Dissolved Potassium (K)	mg/L	4.55	0.72	1.46	1.32	1.44	1.56	2611002	3.73	0.05	2621171
Dissolved Sodium (Na)	mg/L	10.2	1.86	3.16	2.52	2.77	4.73	2611002	6.62	0.05	2621171
Dissolved Sulphur (S)	mg/L	81	6	16	8	14	28	2611002	72	3	2621171

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76339		L76340		L76341	L76342	L76343	L76344	L76345		
Sampling Date		2008/09/18		2008/09/18		2008/09/18	2008/09/16	2008/09/16	2008/09/16	2008/09/16		
	Units	**V35**	**QC Batch**	**V36**	**QC Batch**	**V37**	**X16A**	**X16B**	**X17A**	**X17B**	**RDL**	**QC Batch**
Misc. Inorganics												
Dissolved Hardness (CaCO3)	mg/L	874	2597630	961	2597630	482	202	220	260	338	0.5	2597630

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76339		L76340		L76341	L76342	L76343	L76344	L76345		
Sampling Date		2008/09/18		2008/09/18		2008/09/18	2008/09/16	2008/09/16	2008/09/16	2008/09/16		
	Units	V35	QC Batch	V36	QC Batch	V37	X16A	X16B	X17A	X17B	RDL	QC Batch
Dissolved Metals by ICPMS												
Dissolved Aluminum (Al)	mg/L	0.0008	2600706	0.0006	2600706	0.0022	0.0018	0.0009	0.0005	0.0005	0.0002	2600706
Dissolved Antimony (Sb)	mg/L	0.00029	2600706	0.00026	2600706	0.00005	0.00022	0.00012	0.00009	<0.00002	0.00002	2600706
Dissolved Arsenic (As)	mg/L	0.00059	2600706	0.00208	2600706	0.00256	0.00022	0.00015	0.00048	0.00024	0.00002	2600706
Dissolved Barium (Ba)	mg/L	0.0145	2600706	0.00904	2600706	0.129	0.100	0.129	0.151	0.233	0.00002	2600706
Dissolved Beryllium (Be)	mg/L	<0.00001	2600706	<0.00001	2600706	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	0.00001	2600706
Dissolved Bismuth (Bi)	mg/L	<0.000005	2600706	<0.000005	2600706	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	0.000005	2600706
Dissolved Boron (B)	mg/L	<0.05	2600706	<0.05	2600706	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	2600706
Dissolved Cadmium (Cd)	mg/L	0.000038	2600706	0.000182	2600706	0.000013	0.000073	0.000011	0.000030	<0.000005	0.000005	2600706
Dissolved Chromium (Cr)	mg/L	0.0007	2600706	<0.0001	2600706	<0.0001	0.0001	0.0001	<0.0001	<0.0001	0.0001	2600706
Dissolved Cobalt (Co)	mg/L	0.000066	2600706	0.00101	2600706	0.000288	0.000023	0.000013	0.000013	0.000022	0.000005	2600706
Dissolved Copper (Cu)	mg/L	0.00030	2600706	0.00157	2600706	0.00011	0.00032	0.00020	0.00033	<0.00005	0.00005	2600706
Dissolved Iron (Fe)	mg/L	0.007	2600706	0.005	2600706	0.665	0.008	0.003	0.002	0.810	0.001	2600706
Dissolved Lead (Pb)	mg/L	0.000203	2600706	0.00124	2600706	0.000267	0.000052	0.000051	0.000060	0.000011	0.000005	2600706
Dissolved Lithium (Li)	mg/L	0.0178	2600706	0.0340	2600706	0.0248	0.0026	0.0029	0.0035	0.0252	0.0005	2600706
Dissolved Manganese (Mn)	mg/L	0.00353	2600706	0.0146	2600706	0.0896	0.00399	0.00036	0.0112	0.256	0.00005	2600706
Dissolved Mercury (Hg)	mg/L	<0.00001	2600706	<0.00001	2600706	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	2600706
Dissolved Molybdenum (Mo)	mg/L	0.00147	2600706	0.00043	2600706	0.0226	0.00217	0.00175	0.00118	0.00109	0.00005	2600706
Dissolved Nickel (Ni)	mg/L	0.00169	2600706	0.00684	2600706	0.00091	0.00035	0.00044	0.00033	0.00007	0.00002	2600706
Dissolved Phosphorus (P)	mg/L	0.021	2600706	0.002	2600706	0.021	0.002	<0.002	0.017	0.030	0.002	2600706
Dissolved Selenium (Se)	mg/L	0.00271	2600706	0.00329	2600706	<0.00004	0.00104	0.00177	0.00060	<0.00004	0.00004	2600706
Dissolved Silicon (Si)	mg/L	4.7	2600706	5.0	2600706	2.7	4.5	4.0	4.4	4.9	0.1	2600706
Dissolved Silver (Ag)	mg/L	0.000008	2600706	<0.000005	2600706	<0.000005	0.000005	<0.000005	<0.000005	0.000011	0.000005	2600706
Dissolved Strontium (Sr)	mg/L	0.576	2600706	1.01	2600706	0.534	0.165	0.179	0.205	0.416	0.00005	2600706
Dissolved Thallium (Tl)	mg/L	0.000014	2600706	0.000026	2600706	<0.000002	0.000003	0.000002	<0.000002	<0.000002	0.000002	2600706
Dissolved Tin (Sn)	mg/L	0.00003	2600706	0.00001	2600706	0.00004	0.00002	<0.00001	0.00007	<0.00001	0.00001	2600706
Dissolved Titanium (Ti)	mg/L	0.0005	2600706	0.0006	2600706	<0.0005	<0.0005	0.0006	<0.0005	0.0005	0.0005	2600706
Dissolved Uranium (U)	mg/L	0.0329	2600706	0.0203	2600706	0.00130	0.00220	0.00205	0.00305	0.00261	0.000002	2600706
Dissolved Vanadium (V)	mg/L	<0.0002	2600706	<0.0002	2600706	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	2600706
Dissolved Zinc (Zn)	mg/L	0.0014	2600706	0.0365	2600706	0.0014	0.0049	0.0006	0.0031	0.0002	0.0001	2600706
Dissolved Zirconium (Zr)	mg/L	0.0002	2600706	<0.0001	2600706	0.0002	<0.0001	<0.0001	<0.0001	0.0017	0.0001	2600706
Dissolved Calcium (Ca)	mg/L	196	2611002	205	2621171	67.5	58.9	61.4	72.0	93.1	0.05	2611002
Dissolved Magnesium (Mg)	mg/L	93.5	2611002	109	2621171	76.1	13.3	16.1	19.4	25.6	0.05	2611002
Dissolved Potassium (K)	mg/L	3.22	2611002	3.85	2621171	5.93	1.29	1.20	1.27	2.51	0.05	2611002
Dissolved Sodium (Na)	mg/L	5.88	2611002	6.61	2621171	23.1	2.14	1.97	2.69	14.9	0.05	2611002
Dissolved Sulphur (S)	mg/L	165	2611002	210	2621171	37	18	10	14	23	3	2611002

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76346	L76347		L76348		L76349		L76350		L76351		
Sampling Date		2008/09/16	2008/09/16		2008/09/17		2008/09/17		2008/09/17		2008/09/17		
	Units	**X18A**	**X18B**	**RDL**	**X21A-96**	**RDL**	**X21B-96**	**RDL**	**X21C-96**	**RDL**	**X24A-96**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	810	456	0.5	2610	0.5	828	0.5	2610	0.5	1760	0.5	2597630

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76346	L76347		L76348		L76349		L76350		L76351		
Sampling Date		2008/09/16	2008/09/16		2008/09/17		2008/09/17		2008/09/17		2008/09/17		
	Units	**X18A**	**X18B**	**RDL**	**X21A-96**	**RDL**	**X21B-96**	**RDL**	**X21C-96**	**RDL**	**X24A-96**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	0.0017	0.0004	0.0002	0.09	0.02	0.003	0.001	0.10	0.02	<0.001	0.001	2600730
Dissolved Antimony (Sb)	mg/L	0.00003	0.00006	0.00002	<0.002	0.002	0.0001	0.0001	<0.002	0.002	0.0001	0.0001	2600730
Dissolved Arsenic (As)	mg/L	0.00907	0.00031	0.00002	0.008	0.002	0.0055	0.0001	0.009	0.002	0.0004	0.0001	2600730
Dissolved Barium (Ba)	mg/L	0.161	0.0613	0.00002	0.004	0.002	0.0207	0.0001	0.004	0.002	0.0208	0.0001	2600730
Dissolved Beryllium (Be)	mg/L	<0.00001	<0.00001	0.00001	0.003	0.001	<0.00005	0.00005	0.002	0.001	<0.00005	0.00005	2600730
Dissolved Bismuth (Bi)	mg/L	<0.000005	<0.000005	0.000005	<0.0005	0.0005	<0.00003	0.00003	<0.0005	0.0005	<0.00003	0.00003	2600730
Dissolved Boron (B)	mg/L	<0.05	<0.05	0.05	<5	5	<0.3	0.3	<5	5	<0.3	0.3	2600730
Dissolved Cadmium (Cd)	mg/L	<0.000005	0.000261	0.000005	0.0007	0.0005	0.00017	0.00003	0.0006	0.0005	0.00073	0.00003	2600730
Dissolved Chromium (Cr)	mg/L	<0.0001	<0.0001	0.0001	<0.01	0.01	<0.0005	0.0005	<0.01	0.01	<0.0005	0.0005	2600730
Dissolved Cobalt (Co)	mg/L	0.000286	0.000459	0.000005	0.0723	0.0005	0.0126	0.00003	0.0708	0.0005	0.0900	0.00003	2600730
Dissolved Copper (Cu)	mg/L	<0.00005	0.00062	0.00005	<0.005	0.005	<0.0003	0.0003	<0.005	0.005	0.0005	0.0003	2600730
Dissolved Iron (Fe)	mg/L	2.23	0.009	0.001	5780	0.1	82.3	0.005	6010	0.1	6.30	0.005	2600730
Dissolved Lead (Pb)	mg/L	0.000042	0.000047	0.000005	0.0063	0.0005	0.00005	0.00003	0.0119	0.0005	0.00007	0.00003	2600730
Dissolved Lithium (Li)	mg/L	0.0104	0.0080	0.0005	0.12	0.05	0.013	0.003	0.11	0.05	0.015	0.003	2600730
Dissolved Manganese (Mn)	mg/L	1.25	1.74	0.00005	302	0.005	26.8	0.0003	300	0.005	48.0	0.0003	2600730
Dissolved Mercury (Hg)	mg/L	<0.00001	<0.00001	0.00001	<0.001	0.001	<0.00005	0.00005	<0.001	0.001	<0.00005	0.00005	2600730
Dissolved Molybdenum (Mo)	mg/L	0.00105	0.00124	0.00005	<0.005	0.005	0.0009	0.0003	<0.005	0.005	<0.0003	0.0003	2600730
Dissolved Nickel (Ni)	mg/L	0.00078	0.00945	0.00002	0.037	0.002	0.0175	0.0001	0.031	0.002	0.0733	0.0001	2600730
Dissolved Phosphorus (P)	mg/L	0.056	0.004	0.002	<0.2	0.2	<0.01	0.01	<0.2	0.2	<0.01	0.01	2600730
Dissolved Selenium (Se)	mg/L	<0.00004	0.00119	0.00004	<0.004	0.004	<0.0002	0.0002	<0.004	0.004	<0.0002	0.0002	2600730
Dissolved Silicon (Si)	mg/L	5.8	5.0	0.1	<10	10	7.5	0.5	<10	10	7.7	0.5	2600730
Dissolved Silver (Ag)	mg/L	<0.000005	<0.000005	0.000005	0.0011	0.0005	0.00011	0.00003	0.0006	0.0005	<0.00003	0.00003	2600730
Dissolved Strontium (Sr)	mg/L	0.978	0.427	0.00005	0.587	0.005	0.651	0.0003	0.587	0.005	1.37	0.0003	2600730
Dissolved Thallium (Tl)	mg/L	<0.000002	0.000006	0.000002	<0.0002	0.0002	0.00003	0.00001	<0.0002	0.0002	0.00005	0.00001	2600730
Dissolved Tin (Sn)	mg/L	<0.00001	<0.00001	0.00001	<0.001	0.001	<0.00005	0.00005	<0.001	0.001	<0.00005	0.00005	2600730
Dissolved Titanium (Ti)	mg/L	<0.0005	<0.0005	0.0005	<0.05	0.05	0.009	0.003	<0.05	0.05	0.005	0.003	2600730
Dissolved Uranium (U)	mg/L	0.00778	0.00582	0.000002	0.0008	0.0002	0.00322	0.00001	0.0009	0.0002	0.00911	0.00001	2600730
Dissolved Vanadium (V)	mg/L	<0.0002	<0.0002	0.0002	<0.02	0.02	<0.001	0.001	<0.02	0.02	<0.001	0.001	2600730
Dissolved Zinc (Zn)	mg/L	0.0008	0.0020	0.0001	60.9	0.01	0.280	0.0005	60.9	0.01	0.0123	0.0005	2600730
Dissolved Zirconium (Zr)	mg/L	0.0001	<0.0001	0.0001	<0.01	0.01	<0.0005	0.0005	<0.01	0.01	<0.0005	0.0005	2600730
Dissolved Calcium (Ca)	mg/L	234	134	0.05	296	1	253	0.05	296	1	523	0.05	2611003
Dissolved Magnesium (Mg)	mg/L	55.0	29.8	0.05	453	1	47.7	0.05	454	1	111	0.05	2611003
Dissolved Potassium (K)	mg/L	5.99	5.15	0.05	11	1	4.27	0.05	11	1	6.54	0.05	2611003
Dissolved Sodium (Na)	mg/L	22.7	11.6	0.05	55	1	53.3	0.05	54	1	32.4	0.05	2611003
Dissolved Sulphur (S)	mg/L	221	72	3	4250	60	323	3	4300	60	565	3	2611003

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76352			L76353	L76354	L76355	L76356	L76357	L76358		
Sampling Date		2008/09/17			2008/09/16	2008/09/16	2008/09/16	2008/09/17	2008/09/17	2008/09/17		
	Units	**X24D-96**	**RDL**	**QC Batch**	**X25A-96**	**X25B-96**	**X25C-96**	**P03-01-01**	**P03-01-02**	**P03-01-03**	**RDL**	**QC Batch**
Misc. Inorganics												
Dissolved Hardness (CaCO3)	mg/L	2390	0.5	2597630	602	625	596	208	207	159	0.5	2597630

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76352			L76353	L76354	L76355	L76356	L76357	L76358		
Sampling Date		2008/09/17			2008/09/16	2008/09/16	2008/09/16	2008/09/17	2008/09/17	2008/09/17		
	Units	**X24D-96**	**RDL**	**QC Batch**	**X25A-96**	**X25B-96**	**X25C-96**	**P03-01-01**	**P03-01-02**	**P03-01-03**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS												
Dissolved Aluminum (Al)	mg/L	<0.001	0.001	2600730	0.0013	0.0010	0.0007	0.0020	0.0021	0.0021	0.0002	2600730
Dissolved Antimony (Sb)	mg/L	0.0001	0.0001	2600730	0.00005	0.00002	0.00003	<0.00002	<0.00002	0.00013	0.00002	2600730
Dissolved Arsenic (As)	mg/L	0.0004	0.0001	2600730	0.00025	0.00058	0.00059	0.0114	0.00103	0.00015	0.00002	2600730
Dissolved Barium (Ba)	mg/L	0.0205	0.0001	2600730	0.0458	0.0267	0.0281	0.0866	0.108	0.0548	0.00002	2600730
Dissolved Beryllium (Be)	mg/L	<0.00005	0.00005	2600730	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	2600730
Dissolved Bismuth (Bi)	mg/L	<0.00003	0.00003	2600730	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	0.000005	2600730
Dissolved Boron (B)	mg/L	<0.3	0.3	2600730	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	2600730
Dissolved Cadmium (Cd)	mg/L	0.00288	0.00003	2600730	0.000092	0.000022	0.000024	<0.000005	<0.000005	0.000029	0.000005	2600730
Dissolved Chromium (Cr)	mg/L	<0.0005	0.0005	2600730	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	0.0001	2600730
Dissolved Cobalt (Co)	mg/L	0.0785	0.00003	2600730	0.00545	0.000223	0.000229	0.00220	0.000775	0.000015	0.000005	2600730
Dissolved Copper (Cu)	mg/L	0.0017	0.0003	2600730	0.00053	0.00012	0.00014	<0.00005	<0.00005	0.00033	0.00005	2600730
Dissolved Iron (Fe)	mg/L	0.110	0.005	2600730	0.036	0.781	0.870	4.49	0.442	0.002	0.001	2600730
Dissolved Lead (Pb)	mg/L	0.00004	0.00003	2600730	0.000034	0.000012	0.000033	0.000055	0.000018	0.000034	0.000005	2600730
Dissolved Lithium (Li)	mg/L	0.026	0.003	2600730	0.0036	0.0086	0.0089	0.0140	0.0047	0.0042	0.0005	2600730
Dissolved Manganese (Mn)	mg/L	61.8	0.0003	2600730	6.85	0.189	0.180	0.139	0.786	0.00029	0.00005	2600730
Dissolved Mercury (Hg)	mg/L	<0.00005	0.00005	2600730	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	2600730
Dissolved Molybdenum (Mo)	mg/L	0.0005	0.0003	2600730	0.00221	0.00038	0.00040	0.00332	0.00623	0.00033	0.00005	2600730
Dissolved Nickel (Ni)	mg/L	0.271	0.0001	2600730	0.00421	0.00072	0.00075	0.00007	0.00065	0.00093	0.00002	2600730
Dissolved Phosphorus (P)	mg/L	<0.01	0.01	2600730	0.003	0.006	0.007	0.028	<0.002	<0.002	0.002	2600730
Dissolved Selenium (Se)	mg/L	<0.0002	0.0002	2600730	<0.00004	<0.00004	<0.00004	<0.00004	<0.00004	0.00054	0.00004	2600730
Dissolved Silicon (Si)	mg/L	8.8	0.5	2600730	5.9	4.0	4.4	6.1	4.0	5.1	0.1	2600730
Dissolved Silver (Ag)	mg/L	0.00004	0.00003	2600730	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	0.000005	2600730
Dissolved Strontium (Sr)	mg/L	1.67	0.0003	2600730	0.451	0.420	0.418	0.352	0.264	0.215	0.00005	2600730
Dissolved Thallium (Tl)	mg/L	0.00019	0.00001	2600730	0.000013	0.000005	0.000006	<0.000002	<0.000002	0.000004	0.000002	2600730
Dissolved Tin (Sn)	mg/L	<0.00005	0.00005	2600730	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	2600730
Dissolved Titanium (Ti)	mg/L	0.005	0.003	2600730	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	2600730
Dissolved Uranium (U)	mg/L	0.00603	0.00001	2600730	0.0103	0.00539	0.00557	0.000403	0.00323	0.00238	0.000002	2600730
Dissolved Vanadium (V)	mg/L	<0.001	0.001	2600730	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	2600730
Dissolved Zinc (Zn)	mg/L	0.0822	0.0005	2600730	0.0014	0.0002	0.0006	0.0046	0.0132	0.0048	0.0001	2600730
Dissolved Zirconium (Zr)	mg/L	<0.0005	0.0005	2600730	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	2600730
Dissolved Calcium (Ca)	mg/L	710	0.05	2621171	178	200	190	62.7	64.2	49.7	0.05	2611003
Dissolved Magnesium (Mg)	mg/L	150	0.05	2621171	38.1	30.7	29.4	12.5	11.3	8.38	0.05	2611003
Dissolved Potassium (K)	mg/L	8.07	0.05	2621171	4.68	3.57	3.43	2.24	2.68	1.37	0.05	2611003
Dissolved Sodium (Na)	mg/L	47.6	0.05	2621171	25.7	49.7	47.3	7.14	5.31	2.67	0.05	2611003
Dissolved Sulphur (S)	mg/L	810	3	2621171	142	159	154	7	8	20	3	2611003

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76359			L76360		L76361		L76362		L76363		
Sampling Date		2008/09/17			2008/09/17		2008/09/17		2008/09/17		2008/09/17		
	Units	**P03-01-04**	**RDL**	**QC Batch**	**P03-01-06**	**RDL**	**P03-01-07**	**RDL**	**P03-01-08**	**RDL**	**P03-04-02**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	87.4	0.5	2597630	150	0.5	508	0.5	525	0.5	865	0.5	2600177

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76359			L76360		L76361		L76362		L76363		
Sampling Date		2008/09/17			2008/09/17		2008/09/17		2008/09/17		2008/09/17		
	Units	**P03-01-04**	**RDL**	**QC Batch**	**P03-01-06**	**RDL**	**P03-01-07**	**RDL**	**P03-01-08**	**RDL**	**P03-04-02**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	0.0063	0.0002	2600730	0.019	0.001	<0.002	0.002	<0.004	0.004	0.0032	0.0002	2600730
Dissolved Antimony (Sb)	mg/L	0.00006	0.00002	2600730	<0.0001	0.0001	<0.0002	0.0002	<0.0004	0.0004	0.00003	0.00002	2600730
Dissolved Arsenic (As)	mg/L	0.00010	0.00002	2600730	0.0084	0.0001	0.0014	0.0002	0.0006	0.0004	0.00018	0.00002	2600730
Dissolved Barium (Ba)	mg/L	0.0284	0.00002	2600730	0.0516	0.0001	0.0130	0.0002	0.0045	0.0004	0.0158	0.00002	2600730
Dissolved Beryllium (Be)	mg/L	0.00001	0.00001	2600730	<0.00005	0.00005	<0.0001	0.0001	<0.0002	0.0002	0.00002	0.00001	2600730
Dissolved Bismuth (Bi)	mg/L	<0.000005	0.000005	2600730	<0.00003	0.00003	<0.00005	0.00005	<0.0001	0.0001	<0.000005	0.000005	2600730
Dissolved Boron (B)	mg/L	<0.05	0.05	2600730	<0.3	0.3	<0.5	0.5	<1	1	<0.05	0.05	2600730
Dissolved Cadmium (Cd)	mg/L	0.00136	0.000005	2600730	<0.00003	0.00003	<0.00005	0.00005	<0.0001	0.0001	0.00214	0.000005	2600730
Dissolved Chromium (Cr)	mg/L	<0.0001	0.0001	2600730	<0.0005	0.0005	<0.001	0.001	<0.002	0.002	0.0002	0.0001	2600730
Dissolved Cobalt (Co)	mg/L	0.00934	0.000005	2600730	0.0457	0.00003	0.00612	0.00005	0.0025	0.0001	0.106	0.000005	2600730
Dissolved Copper (Cu)	mg/L	0.00232	0.00005	2600730	<0.0003	0.0003	<0.0005	0.0005	<0.001	0.001	0.00025	0.00005	2600730
Dissolved Iron (Fe)	mg/L	0.004	0.001	2600730	123	0.005	505	0.01	1520	0.02	0.103	0.001	2600730
Dissolved Lead (Pb)	mg/L	0.000092	0.000005	2600730	0.00020	0.00003	0.00035	0.00005	0.0010	0.0001	0.000091	0.000005	2600730
Dissolved Lithium (Li)	mg/L	0.0217	0.0005	2600730	0.007	0.003	0.086	0.005	0.05	0.01	0.0153	0.0005	2600730
Dissolved Manganese (Mn)	mg/L	6.46	0.00005	2600730	4.38	0.0003	4.93	0.0005	10.4	0.001	30.6	0.00005	2600730
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	2600730	<0.00005	0.00005	<0.0001	0.0001	<0.0002	0.0002	<0.00001	0.00001	2600730
Dissolved Molybdenum (Mo)	mg/L	0.00006	0.00005	2600730	<0.0003	0.0003	0.0982	0.0005	0.086	0.001	0.00015	0.00005	2600730
Dissolved Nickel (Ni)	mg/L	0.177	0.00002	2600730	0.0416	0.0001	0.0032	0.0002	0.0014	0.0004	0.152	0.00002	2600730
Dissolved Phosphorus (P)	mg/L	<0.002	0.002	2600730	<0.01	0.01	<0.02	0.02	<0.04	0.04	<0.002	0.002	2600730
Dissolved Selenium (Se)	mg/L	0.00015	0.00004	2600730	<0.0002	0.0002	<0.0004	0.0004	<0.0008	0.0008	<0.00004	0.00004	2600730
Dissolved Silicon (Si)	mg/L	6.5	0.1	2600730	5.6	0.5	3	1	<2	2	9.8	0.1	2600730
Dissolved Silver (Ag)	mg/L	<0.000005	0.000005	2600730	0.00015	0.00003	0.00006	0.00005	0.0003	0.0001	<0.000005	0.000005	2600730
Dissolved Strontium (Sr)	mg/L	0.0933	0.00005	2600730	0.153	0.0003	0.315	0.0005	0.253	0.001	0.617	0.00005	2600730
Dissolved Thallium (Tl)	mg/L	0.000009	0.000002	2600730	0.00004	0.00001	0.00004	0.00002	0.00013	0.00004	0.000026	0.000002	2600730
Dissolved Tin (Sn)	mg/L	<0.00001	0.00001	2600730	<0.00005	0.00005	<0.0001	0.0001	<0.0002	0.0002	<0.00001	0.00001	2600730
Dissolved Titanium (Ti)	mg/L	<0.0005	0.0005	2600730	0.005	0.003	<0.005	0.005	<0.01	0.01	<0.0005	0.0005	2600730
Dissolved Uranium (U)	mg/L	0.000044	0.000002	2600730	0.00004	0.00001	<0.00002	0.00002	<0.00004	0.00004	0.000631	0.000002	2600730
Dissolved Vanadium (V)	mg/L	<0.0002	0.0002	2600730	<0.001	0.001	<0.002	0.002	<0.004	0.004	<0.0002	0.0002	2600730
Dissolved Zinc (Zn)	mg/L	2.51	0.0001	2600730	5.45	0.0005	20.8	0.001	149	0.002	0.0426	0.0001	2600730
Dissolved Zirconium (Zr)	mg/L	<0.0001	0.0001	2600730	<0.0005	0.0005	<0.001	0.001	<0.002	0.002	<0.0001	0.0001	2600730
Dissolved Calcium (Ca)	mg/L	27.5	0.05	2611003	37.9	0.05	107	0.05	87.3	0.2	263	0.05	2611003
Dissolved Magnesium (Mg)	mg/L	4.57	0.05	2611003	13.3	0.05	58.2	0.05	74.5	0.2	50.6	0.05	2611003
Dissolved Potassium (K)	mg/L	1.45	0.05	2611003	2.82	0.05	34.7	0.05	24.8	0.2	4.22	0.05	2611003
Dissolved Sodium (Na)	mg/L	2.68	0.05	2611003	15.3	0.05	509	0.05	364	0.2	22.7	0.05	2611003
Dissolved Sulphur (S)	mg/L	26	3	2611003	122	3	890(1)	6	1420	10	301	3	2611003

RDL = Reportable Detection Limit
(1) - Detection limits raised due to sample matrix.

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76364	L76365			L76366		L76367		L76368		
Sampling Date		2008/09/17	2008/09/17			2008/09/17		2008/09/17		2008/09/16		
	Units	**P03-04-04**	**P03-04-05**	**RDL**	**QC Batch**	**P03-04-06**	**RDL**	**P03-01-09**	**RDL**	**P03-08-01**	**RDL**	**QC Batch**
Misc. Inorganics												
Dissolved Hardness (CaCO3)	mg/L	514	222	0.5	2600177	1650	0.5	5830	0.5	287	0.5	2600177

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76364	L76365			L76366		L76367		L76368		
Sampling Date		2008/09/17	2008/09/17			2008/09/17		2008/09/17		2008/09/16		
	Units	**P03-04-04**	**P03-04-05**	**RDL**	**QC Batch**	**P03-04-06**	**RDL**	**P03-01-09**	**RDL**	**P03-08-01**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS												
Dissolved Aluminum (Al)	mg/L	0.0064	0.0073	0.0002	2600730	<0.01	0.01	<0.4	0.4	<0.002	0.002	2604126
Dissolved Antimony (Sb)	mg/L	0.00003	0.00006	0.00002	2600730	<0.001	0.001	<0.04	0.04	<0.0002	0.0002	2604126
Dissolved Arsenic (As)	mg/L	0.00607	0.00016	0.00002	2600730	0.015	0.001	<0.04	0.04	0.0004	0.0002	2604126
Dissolved Barium (Ba)	mg/L	0.0550	0.0490	0.00002	2600730	0.008	0.001	<0.04	0.04	0.0815	0.0002	2604126
Dissolved Beryllium (Be)	mg/L	<0.00001	0.00002	0.00001	2600730	<0.0005	0.0005	<0.02	0.02	<0.0001	0.0001	2604126
Dissolved Bismuth (Bi)	mg/L	<0.000005	<0.000005	0.000005	2600730	<0.0003	0.0003	<0.01	0.01	<0.00005	0.00005	2604126
Dissolved Boron (B)	mg/L	<0.05	<0.05	0.05	2600730	<3	3	<100	100	<0.5	0.5	2604126
Dissolved Cadmium (Cd)	mg/L	0.000010	0.00113	0.000005	2600730	<0.0003	0.0003	<0.01	0.01	<0.00005	0.00005	2604126
Dissolved Chromium (Cr)	mg/L	<0.0001	<0.0001	0.0001	2600730	<0.005	0.005	<0.2	0.2	<0.001	0.001	2604126
Dissolved Cobalt (Co)	mg/L	0.00289	0.00494	0.000005	2600730	0.0341	0.0003	0.09	0.01	0.00012	0.00005	2604126
Dissolved Copper (Cu)	mg/L	0.00285	0.00056	0.00005	2600730	<0.003	0.003	<0.1	0.1	<0.0005	0.0005	2604126
Dissolved Iron (Fe)	mg/L	5.82	0.064	0.001	2600730	1280	0.05	28600	2	0.04	0.01	2604126
Dissolved Lead (Pb)	mg/L	0.000232	0.000140	0.000005	2600730	<0.0003	0.0003	0.28	0.01	0.00012	0.00005	2604126
Dissolved Lithium (Li)	mg/L	0.0085	0.0474	0.0005	2600730	0.04	0.03	<1	1	0.009	0.005	2604126
Dissolved Manganese (Mn)	mg/L	4.94	3.04	0.00005	2600730	12.9	0.003	241	0.1	0.0205	0.0005	2604126
Dissolved Mercury (Hg)	mg/L	<0.00001	<0.00001	0.00001	2600730	<0.0005	0.0005	<0.02	0.02	<0.0001	0.0001	2604126
Dissolved Molybdenum (Mo)	mg/L	0.00174	0.00008	0.00005	2600730	<0.003	0.003	<0.1	0.1	0.0007	0.0005	2604126
Dissolved Nickel (Ni)	mg/L	0.00179	0.0783	0.00002	2600730	0.087	0.001	0.47	0.04	0.0017	0.0002	2604126
Dissolved Phosphorus (P)	mg/L	0.019	<0.002	0.002	2600730	<0.1	0.1	<4	4	<0.02	0.02	2604126
Dissolved Selenium (Se)	mg/L	<0.00004	<0.00004	0.00004	2600730	<0.002	0.002	<0.08	0.08	<0.0004	0.0004	2604126
Dissolved Silicon (Si)	mg/L	6.2	10.9	0.1	2600730	11	5	<200	200	4	1	2604126
Dissolved Silver (Ag)	mg/L	0.000012	0.000007	0.000005	2600730	<0.0003	0.0003	<0.01	0.01	<0.00005	0.00005	2604126
Dissolved Strontium (Sr)	mg/L	0.403	0.210	0.00005	2600730	1.98	0.003	1.5	0.1	0.533	0.0005	2604126
Dissolved Thallium (Tl)	mg/L	<0.000002	0.000008	0.000002	2600730	<0.0001	0.0001	<0.004	0.004	<0.00002	0.00002	2604126
Dissolved Tin (Sn)	mg/L	0.00001	<0.00001	0.00001	2600730	<0.0005	0.0005	0.04	0.02	<0.0001	0.0001	2604126
Dissolved Titanium (Ti)	mg/L	0.0008	<0.0005	0.0005	2600730	<0.03	0.03	1	1	<0.005	0.005	2604126
Dissolved Uranium (U)	mg/L	0.00265	0.000037	0.000002	2600730	0.0030	0.0001	<0.004	0.004	0.00359	0.00002	2604126
Dissolved Vanadium (V)	mg/L	<0.0002	<0.0002	0.0002	2600730	<0.01	0.01	<0.4	0.4	<0.002	0.002	2604126
Dissolved Zinc (Zn)	mg/L	0.0096	0.0633	0.0001	2600730	3.95	0.005	4880	0.2	0.003	0.001	2604126
Dissolved Zirconium (Zr)	mg/L	0.0002	<0.0001	0.0001	2600730	<0.005	0.005	<0.2	0.2	<0.001	0.001	2604126
Dissolved Calcium (Ca)	mg/L	171	71.0	0.05	2611003	495	0.5	546	20	71.2	0.05	2611008
Dissolved Magnesium (Mg)	mg/L	21.5	10.8	0.05	2611003	101	0.5	1080	20	26.5	0.05	2611008
Dissolved Potassium (K)	mg/L	3.23	1.99	0.05	2611003	10.8	0.5	148	20	1.84	0.05	2611008
Dissolved Sodium (Na)	mg/L	87.8	4.02	0.05	2611003	115	0.5	453	20	2.39	0.05	2611008
Dissolved Sulphur (S)	mg/L	185	71	3	2611003	1430	30	23800	1000	16	6	2611008

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76369		L76370	L76371		L76372	L76374		L76375	L76376		
Sampling Date		2008/09/16		2008/09/16	2008/09/16		2008/09/16	2008/09/16		2008/09/16	2008/09/16		
	Units	**P03-08-03**	**RDL**	**P03-08-04**	**P03-08-05**	**RDL**	**P03-08-07**	**P03-09-01**	**QC Batch**	**P03-09-02**	**P03-09-03**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	497	0.5	827	989	0.5	190	714	2600177	660	893	0.5	2600177

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76369		L76370	L76371		L76372	L76374		L76375	L76376		
Sampling Date		2008/09/16		2008/09/16	2008/09/16		2008/09/16	2008/09/16		2008/09/16	2008/09/16		
	Units	**P03-08-03**	**RDL**	**P03-08-04**	**P03-08-05**	**RDL**	**P03-08-07**	**P03-09-01**	**QC Batch**	**P03-09-02**	**P03-09-03**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	0.0033	0.0002	0.005	0.039	0.001	0.0157	0.0006	2604126	0.0003	<0.0002	0.0002	2604126
Dissolved Antimony (Sb)	mg/L	0.00008	0.00002	0.0008	0.0014	0.0001	0.00314	<0.00002	2604126	<0.00002	0.00004	0.00002	2604126
Dissolved Arsenic (As)	mg/L	0.00043	0.00002	0.0046	0.0038	0.0001	0.00165	0.00159	2604126	0.00172	0.00017	0.00002	2604126
Dissolved Barium (Ba)	mg/L	0.172	0.00002	0.0334	0.0387	0.0001	0.0275	0.0378	2604126	0.0360	0.0646	0.00002	2604126
Dissolved Beryllium (Be)	mg/L	<0.00001	0.00001	<0.00005	0.00007	0.00005	<0.00001	0.00004	2604126	0.00003	<0.00001	0.00001	2604126
Dissolved Bismuth (Bi)	mg/L	<0.000005	0.000005	<0.00003	<0.00003	0.00003	<0.000005	<0.000005	2604126	<0.000005	<0.000005	0.000005	2604126
Dissolved Boron (B)	mg/L	<0.05	0.05	<0.3	<0.3	0.3	<0.05	<0.05	2604126	<0.05	<0.05	0.05	2604126
Dissolved Cadmium (Cd)	mg/L	0.000025	0.000005	<0.00003	<0.00003	0.00003	0.000023	<0.000005	2604126	<0.000005	0.000074	0.000005	2604126
Dissolved Chromium (Cr)	mg/L	0.0002	0.0001	0.0017	0.0022	0.0005	0.0002	0.0002	2604126	0.0001	0.0002	0.0001	2604126
Dissolved Cobalt (Co)	mg/L	0.000305	0.000005	0.00054	0.00111	0.00003	0.00322	0.000081	2604126	0.000099	0.00778	0.000005	2604126
Dissolved Copper (Cu)	mg/L	0.00327	0.00005	0.0005	0.0011	0.0003	0.00036	0.00011	2604126	<0.00005	0.00026	0.00005	2604126
Dissolved Iron (Fe)	mg/L	0.072	0.001	50.1	73.4	0.005	0.242	7.34	2604126	8.04	0.043	0.001	2604126
Dissolved Lead (Pb)	mg/L	0.000077	0.000005	0.00739	0.0151	0.00003	0.00943	0.000378	2604126	0.000034	<0.000005	0.000005	2604126
Dissolved Lithium (Li)	mg/L	0.0030	0.0005	0.005	0.010	0.003	0.0129	0.0387	2604126	0.0391	0.0131	0.0005	2604126
Dissolved Manganese (Mn)	mg/L	8.57	0.00005	4.12	6.61	0.0003	0.217	0.430	2604126	0.447	10.7	0.00005	2604126
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	<0.00005	<0.00005	0.00005	<0.00001	<0.00001	2604126	<0.00001	<0.00001	0.00001	2604126
Dissolved Molybdenum (Mo)	mg/L	0.00471	0.00005	0.0084	0.0032	0.0003	0.0292	0.00057	2604126	0.00057	0.00082	0.00005	2604126
Dissolved Nickel (Ni)	mg/L	0.0290	0.00002	0.0012	0.0026	0.0001	0.00030	0.00016	2604126	0.00019	0.0159	0.00002	2604126
Dissolved Phosphorus (P)	mg/L	0.004	0.002	<0.01	0.03	0.01	0.009	0.025	2604126	0.026	0.003	0.002	2604126
Dissolved Selenium (Se)	mg/L	0.00007	0.00004	<0.0002	0.0003	0.0002	<0.00004	<0.00004	2604126	<0.00004	<0.00004	0.00004	2604126
Dissolved Silicon (Si)	mg/L	6.9	0.1	9.0	11.1	0.5	1.5	8.3	2604126	9.1	8.9	0.1	2604126
Dissolved Silver (Ag)	mg/L	<0.000005	0.000005	<0.00003	<0.00003	0.00003	0.000006	<0.000005	2604126	<0.000005	<0.000005	0.000005	2604126
Dissolved Strontium (Sr)	mg/L	0.508	0.00005	0.554	0.696	0.0003	0.111	1.01	2604126	0.993	0.797	0.00005	2604126
Dissolved Thallium (Tl)	mg/L	0.000012	0.000002	0.00001	0.00001	0.00001	0.000018	<0.000002	2604126	<0.000002	0.000007	0.000002	2604126
Dissolved Tin (Sn)	mg/L	<0.00001	0.00001	<0.00005	<0.00005	0.00005	<0.00001	<0.00001	2604126	<0.00001	<0.00001	0.00001	2604126
Dissolved Titanium (Ti)	mg/L	<0.0005	0.0005	0.010	0.006	0.003	0.0006	0.0008	2604126	<0.0005	<0.0005	0.0005	2604126
Dissolved Uranium (U)	mg/L	0.00494	0.000002	0.0106	0.00101	0.00001	0.000174	0.00180	2604126	0.00181	0.00895	0.000002	2604126
Dissolved Vanadium (V)	mg/L	<0.0002	0.0002	<0.001	0.004	0.001	<0.0002	<0.0002	2604126	<0.0002	<0.0002	0.0002	2604126
Dissolved Zinc (Zn)	mg/L	0.0037	0.0001	0.0255	0.0185	0.0005	0.0150	0.0007	2604126	0.0023	0.0023	0.0001	2604126
Dissolved Zirconium (Zr)	mg/L	0.0003	0.0001	0.0006	0.0036	0.0005	<0.0001	0.0008	2604126	0.0007	<0.0001	0.0001	2604126
Dissolved Calcium (Ca)	mg/L	144	0.05	242	293	0.05	72.7	196	2611008	178	272	0.05	2621171
Dissolved Magnesium (Mg)	mg/L	33.2	0.05	54.1	62.5	0.05	2.14	54.8	2611008	52.2	52.2	0.05	2621171
Dissolved Potassium (K)	mg/L	2.42	0.05	3.59	12.8	0.05	4.33	3.99	2611008	3.52	4.68	0.05	2621171
Dissolved Sodium (Na)	mg/L	12.0	0.05	49.3	107	0.05	129	43.5	2611008	40.9	33.2	0.05	2621171
Dissolved Sulphur (S)	mg/L	83	3	214	342	3	156	171	2611008	156	250	3	2621171

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76377		L76378	L76379		L76380		L76381		L76382		
Sampling Date		2008/09/16		2008/09/16	2008/09/16		2008/09/16		2008/09/16		2008/09/16		
	Units	**P03-09-04**	**QC Batch**	**P03-09-05**	**P03-09-06**	**QC Batch**	**P03-09-07**	**QC Batch**	**P03-09-08**	**QC Batch**	**P03-09-09**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	901	2600177	900	810	2600177	965	2600177	893	2600177	939	0.5	2600177

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76377		L76378	L76379		L76380		L76381		L76382		
Sampling Date		2008/09/16		2008/09/16	2008/09/16		2008/09/16		2008/09/16		2008/09/16		
	Units	**P03-09-04**	**QC Batch**	**P03-09-05**	**P03-09-06**	**QC Batch**	**P03-09-07**	**QC Batch**	**P03-09-08**	**QC Batch**	**P03-09-09**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	<0.001	2604126	<0.001	<0.001	2604126	<0.001	2604126	<0.001	2604126	<0.001	0.001	2604126
Dissolved Antimony (Sb)	mg/L	<0.0001	2604126	<0.0001	<0.0001	2604126	<0.0001	2604126	<0.0001	2604126	<0.0001	0.0001	2604126
Dissolved Arsenic (As)	mg/L	0.0003	2604126	0.0003	0.0003	2604126	0.0002	2604126	0.0005	2604126	0.0003	0.0001	2604126
Dissolved Barium (Ba)	mg/L	0.0552	2604126	0.0542	0.0656	2604126	0.0543	2604126	0.0440	2604126	0.0459	0.0001	2604126
Dissolved Beryllium (Be)	mg/L	<0.00005	2604126	<0.00005	<0.00005	2604126	<0.00005	2604126	<0.00005	2604126	<0.00005	0.00005	2604126
Dissolved Bismuth (Bi)	mg/L	<0.00003	2604126	<0.00003	<0.00003	2604126	<0.00003	2604126	<0.00003	2604126	<0.00003	0.00003	2604126
Dissolved Boron (B)	mg/L	<0.3	2604126	<0.3	<0.3	2604126	<0.3	2604126	<0.3	2604126	<0.3	0.3	2604126
Dissolved Cadmium (Cd)	mg/L	0.00045	2604126	0.00014	0.00031	2604126	0.00033	2604126	0.00017	2604126	0.00038	0.00003	2604126
Dissolved Chromium (Cr)	mg/L	<0.0005	2604126	<0.0005	<0.0005	2604126	<0.0005	2604126	<0.0005	2604126	0.0009	0.0005	2604126
Dissolved Cobalt (Co)	mg/L	0.00459	2604126	0.00612	0.00117	2604126	0.00171	2604126	0.00320	2604126	0.00315	0.00003	2604126
Dissolved Copper (Cu)	mg/L	<0.0003	2604126	<0.0003	<0.0003	2604126	<0.0003	2604126	<0.0003	2604126	<0.0003	0.0003	2604126
Dissolved Iron (Fe)	mg/L	0.038	2604126	0.057	0.046	2604126	0.038	2604126	0.602	2604126	0.085	0.005	2604126
Dissolved Lead (Pb)	mg/L	0.00003	2604126	0.00004	0.00004	2604126	<0.00003	2604126	0.00009	2604126	0.00025	0.00003	2604126
Dissolved Lithium (Li)	mg/L	0.013	2604126	0.013	0.017	2604126	0.014	2604126	0.013	2604126	0.013	0.003	2604126
Dissolved Manganese (Mn)	mg/L	8.65	2604126	9.68	7.99	2604126	10.7	2604126	10.6	2604126	10.4	0.0003	2604126
Dissolved Mercury (Hg)	mg/L	<0.00005	2604126	<0.00005	<0.00005	2604126	<0.00005	2604126	<0.00005	2604126	<0.00005	0.00005	2604126
Dissolved Molybdenum (Mo)	mg/L	0.0010	2604126	0.0008	0.0015	2604126	0.0015	2604126	0.0015	2604126	0.0013	0.0003	2604126
Dissolved Nickel (Ni)	mg/L	0.0141	2604126	0.0167	0.0105	2604126	0.0133	2604126	0.0117	2604126	0.0152	0.0001	2604126
Dissolved Phosphorus (P)	mg/L	<0.01	2604126	<0.01	<0.01	2604126	<0.01	2604126	<0.01	2604126	<0.01	0.01	2604126
Dissolved Selenium (Se)	mg/L	<0.0002	2604126	<0.0002	<0.0002	2604126	<0.0002	2604126	<0.0002	2604126	<0.0002	0.0002	2604126
Dissolved Silicon (Si)	mg/L	8.0	2604126	8.5	8.1	2604126	8.4	2604126	8.3	2604126	8.1	0.5	2604126
Dissolved Silver (Ag)	mg/L	<0.00003	2604126	<0.00003	<0.00003	2604126	<0.00003	2604126	<0.00003	2604126	<0.00003	0.00003	2604126
Dissolved Strontium (Sr)	mg/L	0.682	2604126	0.670	0.693	2604126	0.716	2604126	0.666	2604126	0.697	0.0003	2604126
Dissolved Thallium (Tl)	mg/L	0.00001	2604126	0.00001	0.00001	2604126	0.00001	2604126	<0.00001	2604126	<0.00001	0.00001	2604126
Dissolved Tin (Sn)	mg/L	<0.00005	2604126	<0.00005	<0.00005	2604126	<0.00005	2604126	<0.00005	2604126	0.00015	0.00005	2604126
Dissolved Titanium (Ti)	mg/L	0.006	2604126	0.007	0.007	2604126	0.005	2604126	0.009	2604126	0.007	0.003	2604126
Dissolved Uranium (U)	mg/L	0.00809	2604126	0.00810	0.00628	2604126	0.00765	2604126	0.00743	2604126	0.00732	0.00001	2604126
Dissolved Vanadium (V)	mg/L	<0.001	2604126	<0.001	<0.001	2604126	<0.001	2604126	0.001	2604126	<0.001	0.001	2604126
Dissolved Zinc (Zn)	mg/L	0.0024	2604126	0.0022	0.0026	2604126	0.0017	2604126	0.0021	2604126	0.0034	0.0005	2604126
Dissolved Zirconium (Zr)	mg/L	<0.0005	2604126	<0.0005	<0.0005	2604126	<0.0005	2604126	<0.0005	2604126	<0.0005	0.0005	2604126
Dissolved Calcium (Ca)	mg/L	277	2611008	274	242	2621171	295	2611008	272	2621171	288	0.05	2611008
Dissolved Magnesium (Mg)	mg/L	50.7	2611008	52.5	49.8	2621171	55.4	2611008	52.0	2621171	53.6	0.05	2611008
Dissolved Potassium (K)	mg/L	4.68	2611008	4.72	4.44	2621171	4.81	2611008	4.57	2621171	4.74	0.05	2611008
Dissolved Sodium (Na)	mg/L	32.2	2611008	33.4	33.9	2621171	34.0	2611008	33.2	2621171	33.7	0.05	2611008
Dissolved Sulphur (S)	mg/L	245	2611008	255	218	2621171	268	2611008	251	2621171	261	3	2611008

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76383		L76384		L76385		L76386		L76387	L76388		
Sampling Date		2008/09/16		2008/09/16		2008/09/16		2008/09/16		2008/09/16	2008/09/16		
	Units	**P03-09-10**	**RDL**	**P03-08-08A**	**RDL**	**P05-01-01**	**QC Batch**	**P05-01-02**	**QC Batch**	**P05-01-03**	**P05-01-04**	**RDL**	**QC Batch**
Misc. Inorganics													
Dissolved Hardness (CaCO3)	mg/L	939	0.5	88.1	0.5	930	2600177	1690	2600177	1510	1530	0.5	2600177

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76383		L76384		L76385		L76386		L76387	L76388		
Sampling Date		2008/09/16		2008/09/16		2008/09/16		2008/09/16		2008/09/16	2008/09/16		
	Units	**P03-09-10**	**RDL**	**P03-08-08A**	**RDL**	**P05-01-01**	**QC Batch**	**P05-01-02**	**QC Batch**	**P05-01-03**	**P05-01-04**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS													
Dissolved Aluminum (Al)	mg/L	<0.001	0.001	0.0092	0.0002	0.014	2604126	0.002	2607851	0.001	0.002	0.001	2607851
Dissolved Antimony (Sb)	mg/L	<0.0001	0.0001	0.00414	0.00002	0.0001	2604126	<0.0001	2607851	<0.0001	0.0001	0.0001	2607851
Dissolved Arsenic (As)	mg/L	0.0004	0.0001	0.00152	0.00002	0.0005	2604126	0.0002	2607851	0.0003	0.0028	0.0001	2607851
Dissolved Barium (Ba)	mg/L	0.0431	0.0001	0.0376	0.00002	0.0492	2604126	0.0357	2607851	0.0328	0.0240	0.0001	2607851
Dissolved Beryllium (Be)	mg/L	<0.00005	0.00005	<0.00001	0.00001	0.00023	2604126	0.00006	2607851	<0.00005	<0.00005	0.00005	2607851
Dissolved Bismuth (Bi)	mg/L	<0.00003	0.00003	<0.000005	0.000005	<0.00003	2604126	<0.00003	2607851	<0.00003	<0.00003	0.00003	2607851
Dissolved Boron (B)	mg/L	<0.3	0.3	<0.05	0.05	<0.3	2604126	<0.3	2607851	<0.3	<0.3	0.3	2607851
Dissolved Cadmium (Cd)	mg/L	0.00016	0.00003	0.000026	0.000005	<0.00003	2604126	<0.00003	2607851	<0.00003	<0.00003	0.00003	2607851
Dissolved Chromium (Cr)	mg/L	<0.0005	0.0005	0.0002	0.0001	0.0007	2604126	<0.0005	2607851	<0.0005	<0.0005	0.0005	2607851
Dissolved Cobalt (Co)	mg/L	0.00308	0.00003	0.00125	0.000005	0.00016	2604126	0.00011	2607851	0.00011	0.00087	0.00003	2607851
Dissolved Copper (Cu)	mg/L	<0.0003	0.0003	0.00045	0.00005	<0.0003	2604126	<0.0003	2607851	<0.0003	<0.0003	0.0003	2607851
Dissolved Iron (Fe)	mg/L	0.606	0.005	0.050	0.001	5.46	2604126	19.5	2607851	20.2	26.6	0.005	2607851
Dissolved Lead (Pb)	mg/L	0.00015	0.00003	0.0107	0.000005	0.00119	2604126	0.00005	2607851	<0.00003	0.00003	0.00003	2607851
Dissolved Lithium (Li)	mg/L	0.013	0.003	0.0172	0.0005	0.289	2604126	0.026	2607851	0.027	0.024	0.003	2607851
Dissolved Manganese (Mn)	mg/L	10.5	0.0003	0.0449	0.00005	0.569	2604126	21.8	2607851	18.9	21.9	0.0003	2607851
Dissolved Mercury (Hg)	mg/L	<0.00005	0.00005	<0.00001	0.00001	<0.00005	2604126	<0.00005	2607851	<0.00005	<0.00005	0.00005	2607851
Dissolved Molybdenum (Mo)	mg/L	0.0015	0.0003	0.0324	0.00005	0.0005	2604126	0.0004	2607851	0.0004	0.0008	0.0003	2607851
Dissolved Nickel (Ni)	mg/L	0.0115	0.0001	0.00020	0.00002	0.0003	2604126	0.0003	2607851	0.0003	0.0013	0.0001	2607851
Dissolved Phosphorus (P)	mg/L	<0.01	0.01	0.011	0.002	0.03	2604126	0.03	2607851	0.02	<0.01	0.01	2607851
Dissolved Selenium (Se)	mg/L	<0.0002	0.0002	<0.00004	0.00004	<0.0002	2604126	<0.0002	2607851	<0.0002	<0.0002	0.0002	2607851
Dissolved Silicon (Si)	mg/L	8.4	0.5	1.5	0.1	11.2	2604126	9.7	2607851	9.5	9.6	0.5	2607851
Dissolved Silver (Ag)	mg/L	<0.00003	0.00003	0.000005	0.000005	<0.00003	2604126	<0.00003	2607851	<0.00003	0.00005	0.00003	2607851
Dissolved Strontium (Sr)	mg/L	0.676	0.0003	0.175	0.00005	2.76	2604126	1.08	2607851	1.07	1.01	0.0003	2607851
Dissolved Thallium (Tl)	mg/L	<0.00001	0.00001	0.000013	0.000002	<0.00001	2604126	<0.00001	2607851	<0.00001	<0.00001	0.00001	2607851
Dissolved Tin (Sn)	mg/L	<0.00005	0.00005	<0.00001	0.00001	<0.00005	2604126	<0.00005	2607851	<0.00005	<0.00005	0.00005	2607851
Dissolved Titanium (Ti)	mg/L	0.007	0.003	0.0006	0.0005	0.008	2604126	0.009	2607851	0.011	0.009	0.003	2607851
Dissolved Uranium (U)	mg/L	0.00715	0.00001	0.000148	0.000002	0.00024	2604126	0.00166	2607851	0.00156	0.00202	0.00001	2607851
Dissolved Vanadium (V)	mg/L	<0.001	0.001	<0.0002	0.0002	0.001	2604126	<0.001	2607851	<0.001	<0.001	0.001	2607851
Dissolved Zinc (Zn)	mg/L	0.0022	0.0005	0.0114	0.0001	0.0055	2604126	0.0010	2607851	<0.0005	0.0005	0.0005	2607851
Dissolved Zirconium (Zr)	mg/L	<0.0005	0.0005	<0.0001	0.0001	0.0035	2604126	0.0012	2607851	0.0009	<0.0005	0.0005	2607851
Dissolved Calcium (Ca)	mg/L	288	0.05	21.0	0.05	238	2611008	517	2621171	463	467	0.05	2611006
Dissolved Magnesium (Mg)	mg/L	53.2	0.05	8.66	0.05	81.7	2611008	97.4	2621171	86.2	89.5	0.05	2611006
Dissolved Potassium (K)	mg/L	4.75	0.05	13.3	0.05	7.07	2611008	7.48	2621171	6.78	6.79	0.05	2611006
Dissolved Sodium (Na)	mg/L	33.5	0.05	57.4	0.05	124	2611008	47.4	2621171	43.2	43.8	0.05	2611006
Dissolved Sulphur (S)	mg/L	263	3	45	3	248	2611008	545	2621171	469	485	3	2611006

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76389	L76390		
Sampling Date		2008/09/16	2008/09/16		
	Units	**P05-01-05**	**P05-01-06**	**RDL**	**QC Batch**
Misc. Inorganics					
Dissolved Hardness (CaCO3)	mg/L	1560	1570	0.5	2600177

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		L76389	L76390		
Sampling Date		2008/09/16	2008/09/16		
	Units	**P05-01-05**	**P05-01-06**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS					
Dissolved Aluminum (Al)	mg/L	0.002	0.003	0.001	2607851
Dissolved Antimony (Sb)	mg/L	<0.0001	<0.0001	0.0001	2607851
Dissolved Arsenic (As)	mg/L	0.0019	0.0019	0.0001	2607851
Dissolved Barium (Ba)	mg/L	0.0258	0.0306	0.0001	2607851
Dissolved Beryllium (Be)	mg/L	<0.00005	<0.00005	0.00005	2607851
Dissolved Bismuth (Bi)	mg/L	<0.00003	<0.00003	0.00003	2607851
Dissolved Boron (B)	mg/L	<0.3	<0.3	0.3	2607851
Dissolved Cadmium (Cd)	mg/L	0.00017	<0.00003	0.00003	2607851
Dissolved Chromium (Cr)	mg/L	<0.0005	<0.0005	0.0005	2607851
Dissolved Cobalt (Co)	mg/L	0.00980	0.0154	0.00003	2607851
Dissolved Copper (Cu)	mg/L	<0.0003	<0.0003	0.0003	2607851
Dissolved Iron (Fe)	mg/L	8.14	6.73	0.005	2607851
Dissolved Lead (Pb)	mg/L	0.00012	0.00017	0.00003	2607851
Dissolved Lithium (Li)	mg/L	0.021	0.019	0.003	2607851
Dissolved Manganese (Mn)	mg/L	22.1	23.8	0.0003	2607851
Dissolved Mercury (Hg)	mg/L	<0.00005	<0.00005	0.00005	2607851
Dissolved Molybdenum (Mo)	mg/L	0.0008	0.0009	0.0003	2607851
Dissolved Nickel (Ni)	mg/L	0.0078	0.0122	0.0001	2607851
Dissolved Phosphorus (P)	mg/L	<0.01	<0.01	0.01	2607851
Dissolved Selenium (Se)	mg/L	<0.0002	<0.0002	0.0002	2607851
Dissolved Silicon (Si)	mg/L	9.0	8.9	0.5	2607851
Dissolved Silver (Ag)	mg/L	0.00006	0.00007	0.00003	2607851
Dissolved Strontium (Sr)	mg/L	1.05	1.09	0.0003	2607851
Dissolved Thallium (Tl)	mg/L	0.00001	0.00003	0.00001	2607851
Dissolved Tin (Sn)	mg/L	<0.00005	<0.00005	0.00005	2607851
Dissolved Titanium (Ti)	mg/L	0.009	0.011	0.003	2607851
Dissolved Uranium (U)	mg/L	0.00487	0.00533	0.00001	2607851
Dissolved Vanadium (V)	mg/L	<0.001	<0.001	0.001	2607851
Dissolved Zinc (Zn)	mg/L	0.0023	0.0039	0.0005	2607851
Dissolved Zirconium (Zr)	mg/L	<0.0005	<0.0005	0.0005	2607851
Dissolved Calcium (Ca)	mg/L	468	472	0.05	2611006
Dissolved Magnesium (Mg)	mg/L	94.4	95.2	0.05	2611006
Dissolved Potassium (K)	mg/L	7.36	7.41	0.05	2611006
Dissolved Sodium (Na)	mg/L	41.0	40.4	0.05	2611006
Dissolved Sulphur (S)	mg/L	486	489	3	2611006

RDL = Reportable Detection Limit

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

General Comments

Sample L76298-: Ion Balance: NC = Not Calculable due to low ion sum [< 3 meq/L].

Sample L76333-: Ion Balance: NC = Not Calculable due to low ion sum [< 3 meq/L].

Sample L76335-: Ion Balance: NC = Not Calculable due to low ion sum [< 3 meq/L].

Sample L76346-01: It appears that either the general bottles or DM bottles were switched in the field for L76346 (X18A) and L76347 (X18B). Major ions have been re-analyzed and confirmed. Labeling has been checked and no lab error found.

Sample L76347-01: It appears that either the general bottles or DM bottles were switched in the field for L76346 (X18A) and L76347 (X18B). Major ions have been re-analyzed and confirmed. Labeling has been checked and no lab error found.

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

QUALITY ASSURANCE REPORT

			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2600678	Dissolved Arsenic (As)	2008/09/26	99	75 - 125	96	75 - 125	<0.00002	mg/L	NC	25
2600678	Dissolved Beryllium (Be)	2008/09/26	97	75 - 125	102	75 - 125	<0.00001	mg/L	0.4	25
2600678	Dissolved Cadmium (Cd)	2008/09/26	NC	75 - 125	100	75 - 125	<0.000005	mg/L	1.7	25
2600678	Dissolved Chromium (Cr)	2008/09/26	99	75 - 125	96	75 - 125	<0.0001	mg/L	NC	25
2600678	Dissolved Cobalt (Co)	2008/09/26	NC	75 - 125	97	75 - 125	<0.000005	mg/L	0.04	25
2600678	Dissolved Copper (Cu)	2008/09/26	92	75 - 125	98	75 - 125	<0.00005	mg/L	2.6	25
2600678	Dissolved Lead (Pb)	2008/09/26	91	75 - 125	103	75 - 125	<0.000005	mg/L	5.9	25
2600678	Dissolved Lithium (Li)	2008/09/26	NC	75 - 125	103	75 - 125	<0.0005	mg/L	4.1	25
2600678	Dissolved Nickel (Ni)	2008/09/26	NC	75 - 125	99	75 - 125	<0.00002	mg/L	0.1	25
2600678	Dissolved Selenium (Se)	2008/09/26	107	75 - 125	103	75 - 125	<0.00004	mg/L	6.1	25
2600678	Dissolved Uranium (U)	2008/09/26	98	75 - 125	104	75 - 125	<0.000002	mg/L	3.1	25
2600678	Dissolved Vanadium (V)	2008/09/26	98	75 - 125	98	75 - 125	<0.0002	mg/L	NC	25
2600678	Dissolved Zinc (Zn)	2008/09/26	NC	75 - 125	100	75 - 125	<0.0001	mg/L	0.8	25
2600678	Dissolved Aluminum (Al)	2008/09/26					<0.0002	mg/L	4.5	25
2600678	Dissolved Antimony (Sb)	2008/09/26					<0.00002	mg/L	NC	25
2600678	Dissolved Barium (Ba)	2008/09/26					<0.00002	mg/L	3.5	25
2600678	Dissolved Bismuth (Bi)	2008/09/26					<0.000005	mg/L	NC	25
2600678	Dissolved Boron (B)	2008/09/26					<0.05	mg/L	NC	25
2600678	Dissolved Iron (Fe)	2008/09/26					<0.001	mg/L	2.6	25
2600678	Dissolved Manganese (Mn)	2008/09/26					<0.00005	mg/L	1.6	25
2600678	Dissolved Mercury (Hg)	2008/09/26					<0.00001	mg/L	NC	25
2600678	Dissolved Molybdenum (Mo)	2008/09/26					<0.00005	mg/L	NC	25
2600678	Dissolved Phosphorus (P)	2008/09/26					<0.002	mg/L	NC	25
2600678	Dissolved Silicon (Si)	2008/09/26					<0.1	mg/L	7.0	25
2600678	Dissolved Silver (Ag)	2008/09/26					<0.000005	mg/L	NC	25
2600678	Dissolved Strontium (Sr)	2008/09/26					<0.00005	mg/L	5.0	25
2600678	Dissolved Thallium (Tl)	2008/09/26					<0.000002	mg/L	5.8	25
2600678	Dissolved Tin (Sn)	2008/09/26					<0.00001	mg/L	NC	25
2600678	Dissolved Titanium (Ti)	2008/09/26					<0.0005	mg/L	NC	25
2600678	Dissolved Zirconium (Zr)	2008/09/26					<0.0001	mg/L	NC	25
2600699	Dissolved Arsenic (As)	2008/09/26	105	75 - 125	99	75 - 125	<0.00002	mg/L	3.6	25
2600699	Dissolved Beryllium (Be)	2008/09/26	107	75 - 125	104	75 - 125	<0.00001	mg/L	NC	25
2600699	Dissolved Cadmium (Cd)	2008/09/26	105	75 - 125	101	75 - 125	<0.000005	mg/L	3.7	25
2600699	Dissolved Chromium (Cr)	2008/09/26	102	75 - 125	98	75 - 125	<0.0001	mg/L	NC	25
2600699	Dissolved Cobalt (Co)	2008/09/26	97	75 - 125	97	75 - 125	<0.000005	mg/L	0.08	25
2600699	Dissolved Copper (Cu)	2008/09/26	94	75 - 125	100	75 - 125	<0.00005	mg/L	0.5	25
2600699	Dissolved Lead (Pb)	2008/09/26	100	75 - 125	104	75 - 125	<0.000005	mg/L	0.5	25
2600699	Dissolved Lithium (Li)	2008/09/26	NC	75 - 125	103	75 - 125	<0.0005	mg/L	1.8	25
2600699	Dissolved Nickel (Ni)	2008/09/26	NC	75 - 125	99	75 - 125	<0.00002	mg/L	2.1	25
2600699	Dissolved Selenium (Se)	2008/09/26	112	75 - 125	104	75 - 125	<0.00004	mg/L	9.0	25

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

QUALITY ASSURANCE REPORT

			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2600699	Dissolved Uranium (U)	2008/09/26	NC	75 - 125	104	75 - 125	<0.000002	mg/L	0.2	25
2600699	Dissolved Vanadium (V)	2008/09/26	105	75 - 125	98	75 - 125	<0.0002	mg/L	NC	25
2600699	Dissolved Zinc (Zn)	2008/09/26	NC	75 - 125	105	75 - 125	<0.0001	mg/L	0.4	25
2600699	Dissolved Aluminum (Al)	2008/09/26					<0.0002	mg/L	2.1	25
2600699	Dissolved Antimony (Sb)	2008/09/26					<0.00002	mg/L	1.5	25
2600699	Dissolved Barium (Ba)	2008/09/26					<0.00002	mg/L	2.0	25
2600699	Dissolved Bismuth (Bi)	2008/09/26					<0.000005	mg/L	NC	25
2600699	Dissolved Boron (B)	2008/09/26					<0.05	mg/L	NC	25
2600699	Dissolved Iron (Fe)	2008/09/26					<0.001	mg/L	9.0	25
2600699	Dissolved Manganese (Mn)	2008/09/26					<0.00005	mg/L	4.0	25
2600699	Dissolved Mercury (Hg)	2008/09/26					<0.00001	mg/L	NC	25
2600699	Dissolved Molybdenum (Mo)	2008/09/26					<0.00005	mg/L	2.0	25
2600699	Dissolved Phosphorus (P)	2008/09/26					<0.002	mg/L	NC	25
2600699	Dissolved Silicon (Si)	2008/09/26					<0.1	mg/L	2.8	25
2600699	Dissolved Silver (Ag)	2008/09/26					<0.000005	mg/L	NC	25
2600699	Dissolved Strontium (Sr)	2008/09/26					<0.00005	mg/L	0.9	25
2600699	Dissolved Thallium (Tl)	2008/09/26					<0.000002	mg/L	8.8	25
2600699	Dissolved Tin (Sn)	2008/09/26					<0.00001	mg/L	4.9	25
2600699	Dissolved Titanium (Ti)	2008/09/26					<0.0005	mg/L	NC	25
2600699	Dissolved Zirconium (Zr)	2008/09/26					<0.0001	mg/L	NC	25
2600706	Dissolved Arsenic (As)	2008/09/27	NC	75 - 125	97	75 - 125	<0.00002	mg/L	0.07	25
2600706	Dissolved Beryllium (Be)	2008/09/27	101	75 - 125	101	75 - 125	<0.00001	mg/L	NC	25
2600706	Dissolved Cadmium (Cd)	2008/09/27	100	75 - 125	100	75 - 125	<0.000005	mg/L	NC	25
2600706	Dissolved Chromium (Cr)	2008/09/27	108	75 - 125	100	75 - 125	<0.0001	mg/L	NC	25
2600706	Dissolved Cobalt (Co)	2008/09/27	102	75 - 125	101	75 - 125	<0.000005	mg/L	0.3	25
2600706	Dissolved Copper (Cu)	2008/09/27	96	75 - 125	104	75 - 125	<0.00005	mg/L	NC	25
2600706	Dissolved Lead (Pb)	2008/09/27	95	75 - 125	101	75 - 125	<0.000005	mg/L	2.2	25
2600706	Dissolved Lithium (Li)	2008/09/27	NC	75 - 125	101	75 - 125	<0.0005	mg/L	2.9	25
2600706	Dissolved Nickel (Ni)	2008/09/27	96	75 - 125	103	75 - 125	<0.00002	mg/L	0.6	25
2600706	Dissolved Selenium (Se)	2008/09/27	108	75 - 125	102	75 - 125	<0.00004	mg/L	NC	25
2600706	Dissolved Uranium (U)	2008/09/27	NC	75 - 125	102	75 - 125	<0.000002	mg/L	0.3	25
2600706	Dissolved Vanadium (V)	2008/09/27	109	75 - 125	100	75 - 125	0.0003, RDL=0.0002	mg/L	NC	25
2600706	Dissolved Zinc (Zn)	2008/09/27	NC	75 - 125	106	75 - 125	<0.0001	mg/L	0.3	25
2600706	Dissolved Aluminum (Al)	2008/09/27					<0.0002	mg/L	1.6	25
2600706	Dissolved Antimony (Sb)	2008/09/27					<0.00002	mg/L	1	25
2600706	Dissolved Barium (Ba)	2008/09/27					<0.00002	mg/L	0.5	25
2600706	Dissolved Bismuth (Bi)	2008/09/27					<0.000005	mg/L	NC	25
2600706	Dissolved Boron (B)	2008/09/27					<0.05	mg/L	NC	25
2600706	Dissolved Iron (Fe)	2008/09/27					<0.001	mg/L	1.5	25
2600706	Dissolved Manganese (Mn)	2008/09/27					<0.00005	mg/L	1.3	25

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

QUALITY ASSURANCE REPORT

			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2600706	Dissolved Mercury (Hg)	2008/09/27					<0.00001	mg/L	NC	25
2600706	Dissolved Molybdenum (Mo)	2008/09/27					<0.00005	mg/L	1.7	25
2600706	Dissolved Phosphorus (P)	2008/09/27					<0.002	mg/L	NC	25
2600706	Dissolved Silicon (Si)	2008/09/27					<0.1	mg/L	10.7	25
2600706	Dissolved Silver (Ag)	2008/09/27					0.000006, RDL=0.000005	mg/L	NC	25
2600706	Dissolved Strontium (Sr)	2008/09/27					<0.00005	mg/L	0.7	25
2600706	Dissolved Thallium (Tl)	2008/09/27					0.000002, RDL=0.000002	mg/L	NC	25
2600706	Dissolved Tin (Sn)	2008/09/27					<0.00001	mg/L	NC	25
2600706	Dissolved Titanium (Ti)	2008/09/27					<0.0005	mg/L	NC	25
2600706	Dissolved Zirconium (Zr)	2008/09/27					<0.0001	mg/L	NC	25
2600730	Dissolved Arsenic (As)	2008/09/27	NC	75 - 125	100	75 - 125	<0.00002	mg/L	0.3	25
2600730	Dissolved Beryllium (Be)	2008/09/27	98	75 - 125	101	75 - 125	<0.00001	mg/L	NC	25
2600730	Dissolved Cadmium (Cd)	2008/09/27	91	75 - 125	97	75 - 125	<0.000005	mg/L	NC	25
2600730	Dissolved Chromium (Cr)	2008/09/27	103	75 - 125	101	75 - 125	<0.0001	mg/L	NC	25
2600730	Dissolved Cobalt (Co)	2008/09/27	99	75 - 125	101	75 - 125	<0.000005	mg/L	5.7	25
2600730	Dissolved Copper (Cu)	2008/09/27	96	75 - 125	104	75 - 125	<0.00005	mg/L	NC	25
2600730	Dissolved Lead (Pb)	2008/09/27	93	75 - 125	100	75 - 125	<0.000005	mg/L	11.6	25
2600730	Dissolved Lithium (Li)	2008/09/27	NC	75 - 125	99	75 - 125	<0.0005	mg/L	2.3	25
2600730	Dissolved Nickel (Ni)	2008/09/27	97	75 - 125	102	75 - 125	<0.00002	mg/L	3.5	25
2600730	Dissolved Selenium (Se)	2008/09/27	108	75 - 125	104	75 - 125	<0.00004	mg/L	NC	25
2600730	Dissolved Uranium (U)	2008/09/27	NC	75 - 125	100	75 - 125	<0.000002	mg/L	0.5	25
2600730	Dissolved Vanadium (V)	2008/09/27	106	75 - 125	97	75 - 125	<0.0002	mg/L	NC	25
2600730	Dissolved Zinc (Zn)	2008/09/27	84	75 - 125	103	75 - 125	0.0002, RDL=0.0001	mg/L	5.2	25
2600730	Dissolved Aluminum (Al)	2008/09/27					0.0002, RDL=0.0002	mg/L	2.3	25
2600730	Dissolved Antimony (Sb)	2008/09/27					<0.00002	mg/L	NC	25
2600730	Dissolved Barium (Ba)	2008/09/27					<0.00002	mg/L	1	25
2600730	Dissolved Bismuth (Bi)	2008/09/27					<0.000005	mg/L	NC	25
2600730	Dissolved Boron (B)	2008/09/27					<0.05	mg/L	NC	25
2600730	Dissolved Iron (Fe)	2008/09/27					<0.001	mg/L	0.09	25
2600730	Dissolved Manganese (Mn)	2008/09/27					<0.00005	mg/L	0.8	25
2600730	Dissolved Mercury (Hg)	2008/09/27					<0.00001	mg/L	NC	25
2600730	Dissolved Molybdenum (Mo)	2008/09/27					<0.00005	mg/L	3.6	25
2600730	Dissolved Phosphorus (P)	2008/09/27					<0.002	mg/L	0.05	25
2600730	Dissolved Silicon (Si)	2008/09/27					<0.1	mg/L	12.6	25
2600730	Dissolved Silver (Ag)	2008/09/27					<0.000005	mg/L	NC	25
2600730	Dissolved Strontium (Sr)	2008/09/27					<0.00005	mg/L	1.3	25
2600730	Dissolved Thallium (Tl)	2008/09/27					<0.000002	mg/L	NC	25
2600730	Dissolved Tin (Sn)	2008/09/27					<0.00001	mg/L	NC	25
2600730	Dissolved Titanium (Ti)	2008/09/27					<0.0005	mg/L	NC	25
2600730	Dissolved Zirconium (Zr)	2008/09/27					<0.0001	mg/L	NC	25

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

QUALITY ASSURANCE REPORT

			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2602979	Conductivity	2008/09/27			100	80 - 120	<1	uS/cm	0	25
2602990	Alkalinity (Total as CaCO3)	2008/09/27	108	80 - 120	96	80 - 120	0.8, RDL=0.5	mg/L	NC	25
2604126	Dissolved Arsenic (As)	2008/09/27	108	75 - 125	99	75 - 125	<0.00002	mg/L	0.2	25
2604126	Dissolved Beryllium (Be)	2008/09/27	101	75 - 125	101	75 - 125	<0.00001	mg/L	NC	25
2604126	Dissolved Cadmium (Cd)	2008/09/27	101	75 - 125	101	75 - 125	<0.000005	mg/L	NC	25
2604126	Dissolved Chromium (Cr)	2008/09/27	107	75 - 125	101	75 - 125	<0.0001	mg/L	NC	25
2604126	Dissolved Cobalt (Co)	2008/09/27	97	75 - 125	94	75 - 125	<0.000005	mg/L	0.3	25
2604126	Dissolved Copper (Cu)	2008/09/27	97	75 - 125	103	75 - 125	0.00005, RDL=0.00005	mg/L	4.8	25
2604126	Dissolved Lead (Pb)	2008/09/27	NC	75 - 125	101	75 - 125	0.000006, RDL=0.000005	mg/L	2.1	25
2604126	Dissolved Lithium (Li)	2008/09/27	NC	75 - 125	108	75 - 125	<0.0005	mg/L	4.5	25
2604126	Dissolved Nickel (Ni)	2008/09/27	99	75 - 125	100	75 - 125	0.00002, RDL=0.00002	mg/L	18.6	25
2604126	Dissolved Selenium (Se)	2008/09/27	103	75 - 125	100	75 - 125	<0.00004	mg/L	NC	25
2604126	Dissolved Uranium (U)	2008/09/27	113	75 - 125	106	75 - 125	<0.000002	mg/L	3.8	25
2604126	Dissolved Vanadium (V)	2008/09/27	110	75 - 125	98	75 - 125	<0.0002	mg/L	NC	25
2604126	Dissolved Zinc (Zn)	2008/09/27	NC	75 - 125	112	75 - 125	<0.0001	mg/L	2.4	25
2604126	Dissolved Aluminum (Al)	2008/09/27					<0.0002	mg/L	3.0	25
2604126	Dissolved Antimony (Sb)	2008/09/27					<0.00002	mg/L	5.0	25
2604126	Dissolved Barium (Ba)	2008/09/27					<0.00002	mg/L	4.5	25
2604126	Dissolved Bismuth (Bi)	2008/09/27					<0.000005	mg/L	NC	25
2604126	Dissolved Boron (B)	2008/09/27					<0.05	mg/L	NC	25
2604126	Dissolved Iron (Fe)	2008/09/27					<0.001	mg/L	0.7	25
2604126	Dissolved Manganese (Mn)	2008/09/27					<0.00005	mg/L	0.8	25
2604126	Dissolved Mercury (Hg)	2008/09/27					0.00001, RDL=0.00001	mg/L	NC	25
2604126	Dissolved Molybdenum (Mo)	2008/09/27					<0.00005	mg/L	3.1	25
2604126	Dissolved Phosphorus (P)	2008/09/27					<0.002	mg/L	NC	25
2604126	Dissolved Silicon (Si)	2008/09/27					<0.1	mg/L	2.1	25
2604126	Dissolved Silver (Ag)	2008/09/27					<0.000005	mg/L	NC	25
2604126	Dissolved Strontium (Sr)	2008/09/27					<0.00005	mg/L	5.4	25
2604126	Dissolved Thallium (Tl)	2008/09/27					<0.000002	mg/L	4.6	25
2604126	Dissolved Tin (Sn)	2008/09/27					<0.00001	mg/L	NC	25
2604126	Dissolved Titanium (Ti)	2008/09/27					<0.0005	mg/L	NC	25
2604126	Dissolved Zirconium (Zr)	2008/09/27					<0.0001	mg/L	NC	25
2604696	Dissolved Sulphate (SO4)	2008/09/25	99	75 - 125	96	80 - 120	<0.5	mg/L	2.3	20
2604703	Dissolved Chloride (Cl)	2008/09/25	100	80 - 120	96	80 - 120	0.6, RDL=0.5	mg/L	3.9	20
2607851	Dissolved Arsenic (As)	2008/09/27	103	75 - 125	98	75 - 125	<0.00002	mg/L	0.5	25
2607851	Dissolved Beryllium (Be)	2008/09/27	107	75 - 125	100	75 - 125	<0.00001	mg/L	NC	25
2607851	Dissolved Cadmium (Cd)	2008/09/27	102	75 - 125	98	75 - 125	<0.000005	mg/L	NC	25
2607851	Dissolved Chromium (Cr)	2008/09/27	102	75 - 125	106	75 - 125	<0.0001	mg/L	NC	25
2607851	Dissolved Cobalt (Co)	2008/09/27	103	75 - 125	99	75 - 125	<0.000005	mg/L	5.7	25
2607851	Dissolved Copper (Cu)	2008/09/27	103	75 - 125	104	75 - 125	<0.00005	mg/L	0.7	25

Maxxam Job #: A849801
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AECOM
Client Project #: FARO MINE

QUALITY ASSURANCE REPORT

			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2607851	Dissolved Lead (Pb)	2008/09/27	99	75 - 125	101	75 - 125	<0.000005	mg/L	2.4	25
2607851	Dissolved Lithium (Li)	2008/09/27	100	75 - 125	97	75 - 125	<0.0005	mg/L	NC	25
2607851	Dissolved Nickel (Ni)	2008/09/27	101	75 - 125	100	75 - 125	<0.00002	mg/L	3.2	25
2607851	Dissolved Selenium (Se)	2008/09/27	107	75 - 125	101	75 - 125	<0.00004	mg/L	NC	25
2607851	Dissolved Uranium (U)	2008/09/27	103	75 - 125	101	75 - 125	<0.000002	mg/L	2.1	25
2607851	Dissolved Vanadium (V)	2008/09/27	102	75 - 125	98	75 - 125	<0.0002	mg/L	NC	25
2607851	Dissolved Zinc (Zn)	2008/09/27	NC	75 - 125	107	75 - 125	<0.0001	mg/L	1.4	25
2607851	Dissolved Aluminum (Al)	2008/09/27					<0.0002	mg/L	0	25
2607851	Dissolved Antimony (Sb)	2008/09/27					<0.00002	mg/L	4.1	25
2607851	Dissolved Barium (Ba)	2008/09/27					<0.00002	mg/L	1.2	25
2607851	Dissolved Bismuth (Bi)	2008/09/27					<0.000005	mg/L	NC	25
2607851	Dissolved Boron (B)	2008/09/27					<0.05	mg/L	NC	25
2607851	Dissolved Iron (Fe)	2008/09/27					<0.001	mg/L	3.1	25
2607851	Dissolved Manganese (Mn)	2008/09/27					<0.00005	mg/L	0.8	25
2607851	Dissolved Mercury (Hg)	2008/09/27					0.00002, RDL=0.00001	mg/L		
2607851	Dissolved Molybdenum (Mo)	2008/09/27					<0.00005	mg/L	2.2	25
2607851	Dissolved Phosphorus (P)	2008/09/27					<0.002	mg/L	8.1	25
2607851	Dissolved Silicon (Si)	2008/09/27					<0.1	mg/L	4.9	25
2607851	Dissolved Silver (Ag)	2008/09/27					<0.000005	mg/L	NC	25
2607851	Dissolved Strontium (Sr)	2008/09/27					<0.00005	mg/L	1.6	25
2607851	Dissolved Thallium (Tl)	2008/09/27					0.000003, RDL=0.000002	mg/L	NC	25
2607851	Dissolved Tin (Sn)	2008/09/27					<0.00001	mg/L	NC	25
2607851	Dissolved Titanium (Ti)	2008/09/27					<0.0005	mg/L	NC	25
2607851	Dissolved Zirconium (Zr)	2008/09/27					<0.0001	mg/L	NC	25
2608089	Conductivity	2008/09/28			100	80 - 120	<1	uS/cm	0	25
2608091	Alkalinity (Total as CaCO3)	2008/09/28	NC	80 - 120	94	80 - 120	<0.5	mg/L	0.4	25
2610981	Dissolved Calcium (Ca)	2008/09/26					<0.05	mg/L	1.3	25
2610981	Dissolved Magnesium (Mg)	2008/09/26					<0.05	mg/L	0.7	25
2610981	Dissolved Potassium (K)	2008/09/26					<0.05	mg/L	2.0	25
2610981	Dissolved Sodium (Na)	2008/09/26					<0.05	mg/L	1.6	25
2610981	Dissolved Sulphur (S)	2008/09/26					<3	mg/L	3.6	25
2610997	Dissolved Calcium (Ca)	2008/09/26					<0.05	mg/L		
2610997	Dissolved Magnesium (Mg)	2008/09/26					<0.05	mg/L		
2610997	Dissolved Potassium (K)	2008/09/26					<0.05	mg/L		
2610997	Dissolved Sodium (Na)	2008/09/26					<0.05	mg/L		
2610997	Dissolved Sulphur (S)	2008/09/26					<3	mg/L		
2611002	Dissolved Calcium (Ca)	2008/09/27					<0.05	mg/L		
2611002	Dissolved Magnesium (Mg)	2008/09/27					<0.05	mg/L		
2611002	Dissolved Potassium (K)	2008/09/27					<0.05	mg/L		
2611002	Dissolved Sodium (Na)	2008/09/27					<0.05	mg/L		

Maxxam Job #: A849801
Report Date: 2008/10/28

AECOM
Client Project #: FARO MINE

QUALITY ASSURANCE REPORT

			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2611002	Dissolved Sulphur (S)	2008/09/27					<3	mg/L		
2611003	Dissolved Calcium (Ca)	2008/09/27					<0.05	mg/L	0.2	25
2611003	Dissolved Magnesium (Mg)	2008/09/27					<0.05	mg/L	1.6	25
2611003	Dissolved Potassium (K)	2008/09/27					<0.05	mg/L	1.3	25
2611003	Dissolved Sodium (Na)	2008/09/27					<0.05	mg/L	1.5	25
2611003	Dissolved Sulphur (S)	2008/09/27					<3	mg/L	2.0	25
2611006	Dissolved Calcium (Ca)	2008/09/27					<0.05	mg/L	0.4	25
2611006	Dissolved Magnesium (Mg)	2008/09/27					<0.05	mg/L	0.9	25
2611006	Dissolved Potassium (K)	2008/09/27					<0.05	mg/L	1.2	25
2611006	Dissolved Sodium (Na)	2008/09/27					<0.05	mg/L	1.4	25
2611006	Dissolved Sulphur (S)	2008/09/27					<3	mg/L	NC	25
2611008	Dissolved Calcium (Ca)	2008/09/27					<0.05	mg/L	0.5	25
2611008	Dissolved Magnesium (Mg)	2008/09/27					<0.05	mg/L	1.2	25
2611008	Dissolved Potassium (K)	2008/09/27					<0.05	mg/L	0.3	25
2611008	Dissolved Sodium (Na)	2008/09/27					<0.05	mg/L	0.3	25
2611008	Dissolved Sulphur (S)	2008/09/27					<3	mg/L	0.8	25
2611171	Dissolved Chloride (Cl)	2008/09/27	100	80 - 120	99	80 - 120	<0.5	mg/L	NC	20
2611181	Dissolved Sulphate (SO4)	2008/09/27	NC	75 - 125	91	80 - 120	<0.5	mg/L	13.7	20
2611183	Dissolved Sulphate (SO4)	2008/09/27	NC	75 - 125	91	80 - 120	<0.5	mg/L	0.7	20
2621171	Dissolved Calcium (Ca)	2008/10/28					<0.05	mg/L		
2621171	Dissolved Magnesium (Mg)	2008/10/28					<0.05	mg/L		
2621171	Dissolved Potassium (K)	2008/10/28					<0.05	mg/L		
2621171	Dissolved Sodium (Na)	2008/10/28					<0.05	mg/L		
2621171	Dissolved Sulphur (S)	2008/10/28					<3	mg/L		
2623303	Dissolved Chloride (Cl)	2008/10/02	111	80 - 120	97	80 - 120	<0.5	mg/L	NC	20
2623334	Dissolved Sulphate (SO4)	2008/10/02	NC	75 - 125	86	80 - 120	<0.5	mg/L	NC	20

N/A = Not Applicable
NC = Non-calculable
RDL = Reportable Detection Limit
RPD = Relative Percent Difference

MaxXam Analytics Inc

8577 Commerce Court, Burnaby, British Columbia Canada V5A 4N5
Tel (604) 444-4808 Toll-free (800) 440-4808 Fax (604) 444-4811 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

Page 1 of 10

INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#2448 GARTNER LEE LTD.	Company Name:	Same as invoice	Quotation #:	AB0323	MAXXAM JOB #:	BOTTLE ORDER #:
Contact Name:	Kai Wolosheyn	Contact Name:		P.O. #:		A849801	29886
Address:	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1	Address:		Project #:		CHAIN OF CUSTODY #:	PROJECT MANAGER:
Phone:	(867)633-6474 Fax: (867)633-6321	Phone:	Fax:	Project Name:		C#29886-04-01	ROB MACARTHUR
Email:	kwolosheyn@gartnerlee.com, sgladwin@gartnerlee.c	Email:		Site Location:	FARO MINE		
				Sampled By:			

REGULATORY CRITERIA: ultra low level metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT: (will be applied if Rush TAT is not specified) X
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Ocanic/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ (Call 48 hr ID)

	Sample Barcode Label	Sample (Locator) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	General Chemistry	pH, conductivity, Alkalinity, sulphate, hardness			ion balance	Chloride			# of Bottles	Comments
1		BH1	September 19, 2008	Water	N	Y	X	X					X	X		2	
2		BH1A														2	
3		BH4														2	
4		BH5														2	
5		BH6														2	
6		BH8														2	
7		BH9A	September Mine													2	
8		BH12B	September 18/08													2	
9		BH13B														2	
10		BH14A														2	

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Wolosheyn	08/09/20	13:00	A. Mann	22/09/08	11:25

Laboratory Use Only

Time Sensitive	Temperature (°C) on Receipt		Condition of Sample on Receipt	Custody Seal Intact on Cooler?
☐	6.6.6	6.6.6	☐ OK ☐ SIF	☐ Yes ☐ No
	5.3.3	6.5.6		
	5.6.5	5.6.6		

*IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

Maxxam Analytics Inc
8577 Commerce Court, Burnaby, British Columbia Canada V5A 4N5
Tel (604) 444-4808 Toll-free (800) 440-4808 Fax (604) 444-4811 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#2448 GARTNER LEE LTD	Company Name:	Same as invoice	Quotation #:	A80323	MAXXAM JOB #:	BOTTLE ORDER #:
Contact Name:	Kal Woloshyn	Contact Name:		P.O. #:			29686
Address:	2251 - 2nd AVENUE	Address:		Project #:		CHAIN OF CUSTODY #:	PROJECT MANAGER:
	WHITEHORSE YT Y1A 5W1			Project Name:		C#29686-02-01	ROB MACARTHUR
Phone:	(867)633-6474 Fax: (867)633-6321	Phone:	Fax:	Site Location:	FARO MINE		
Email:	kwoloshyn@gartnerlee.com; sgladwin@gartnerlee.c	Email:		Sampled By:			

REGULATORY CRITERIA: Ultra low level metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT:
(will be applied if Rush TAT is not specified).
Standard TAT = 5-7 Working days for most tests.
Please note, Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	General Chemistry	pH, conductivity	alkalinity, sulphate, hardness			ion balance	Chloride			# of Bottles	Comments
1		BH14B	Sept 16, 2008	Water	N	Y	X	X					X	X			2	
2		PO1-01A	Sept 16, 2008											X			2	
3		PO1-01B												X				
4		PO1-02A												X				
5		PO1-03												X				
6		PO1-04A												X				
7		PO1-04B												X				
8		PO5-02	Sept 16/08											X				
9		PO5-03												X				
10		PO1-11												X				

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kwoloshyn	08/09/20	13:00			
			L. Mayo	22/09/08	11:25

Laboratory Use Only

Time Sensitive	Temperature (°C) on Receipt	Condition of Sample on Receipt	Custody Seal Intact on Cooler?
☐	6.6.6 6.6.6	☐ OK ☐ SIF	☐ Yes ☐ No
	5.3.5 6.1.9		
	6.3.5 5.4.6		

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

MaxXam Analytics Inc.
8577 Commerce Court, Burnaby, British Columbia Canada V5A 4N5
Tel (604) 444-4808 Toll-free (800) 440-4808 Fax (604) 444-4811 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#2448 GARTNER LEE LTD.	Company Name:	Same as invoice	Quotation #:	A80323	MAXXAM JOB #:	BOTTLE ORDER #:
Contact Name:	Kai Woloshyn	Contact Name:		P.O. #:			29686
Address:	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1	Address:		Project #:		CHAIN OF CUSTODY #:	PROJECT MANAGER:
Phone:	(867)633-6474 Fax: (867)633-6321	Phone:	Fax:	Project Name:		C#29686-05-01	ROB MACARTHUR
Email:	kwoloshyn@gartnerlee.com, sgladwin@gartnerlee.c	Email:		Site Location:	FARO MINE		
				Sampled By:			

REGULATORY CRITERIA:
CCME Metals
ultra low level metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT:
(will be applied if Rush TAT is not specified):
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Dissolved Furnace are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	General Chemistry	Cyanide	Alkalinity, Sulphate, Conductivity	Hardness		Ion balance	Chloride		# of Bottles	Comments
1		P96-6	Sept. 18	Water	N	Y	X	X					X	X		2	
2		P96-7	Sept 19											X			
3		P96-7B												X			
4		P96-8A												X			
5		P96-8B												X			
6		P96-9A	Sept 18, 2018											X			
7		BH05-98R												X			
8		P1001-02A	&											X			
9		P1001-02B												X			
10														X			

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Woloshyn	08/04/20	13:00	A. Mayr	22/08/04	11:05

Laboratory Use Only

Time Sensitive	Temperature (°C) on Receipt	Condition of Sample on Receipt	Custody Seal Intact on Cooler?
☐	6.0, 6.0 5.3, 5 5.0, 5	☐ OK ☐ SIF	☐ Yes ☐ No

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

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8577 Commerce Court, Burnaby, British Columbia Canada V5A 4N5
Tel (604) 444-4808 Toll-free (800) 440-4808 Fax (604) 444-4811 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:

Company Name: #2448 GARTNER LEE LTD.
Contact Name: Kai Woloshyn
Address: 2251 - 2nd AVENUE, WHITEHORSE YT Y1A 5W1
Phone: (867)633-6474 Fax: (867)633-6321
Email: kwoloshyn@gartnerlee.com, sgladwin@gartnerlee.c

REPORT INFORMATION (if differs from invoice):

Company Name: Same as invoice
Contact Name:
Address:
Phone: Fax:
Email:

PROJECT INFORMATION:

Quotation #: A80323
P.O. #:
Project #:
Project Name:
Site Location: FARO MINE
Sampled By:

Laboratory Use Only:

MAXXAM JOB #:
BOTTLE ORDER #: 29686
CHAIN OF CUSTODY #: C#29686-15-01
PROJECT MANAGER: ROB MACARTHUR

REGULATORY CRITERIA: ultra low level metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

ANALYSIS REQUESTED (Please be specific):

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT:
(will be applied if Rush TAT is not specified)
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: Time Required:
Rush Confirmation Number: (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	General Chemistry	pH, conductivity, alkalinity, sulphate, hardness				ion balance	Chloride			# of Bottles	Comments
1		SRK05-05C	Sept. 18, '08	Water	N	Y	X	X					X				2	
2		SRK05-07															2	
3		SRK05-04															2	
4		SRK05-09															2	
5		SRK08-SW1	Sept 19, '08														2	
6		TH86-17	Sept. 17, '08														2	
7		TH86-86	Sept. 19, '08														2	
8		TH15-86	Sept. 17, '08														2	
9		TH86-14	Sept. 17, '08														2	
10		RGC-PW3	Sept 18, '08														2	

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Woloshyn	08/09/18	13:03	A. Mayo	12/09/08	11:25

Laboratory Use Only

Time Sensitive	Temperature (°C) on Receipt	Condition of Sample on Receipt	Custody Seal Intact on Cooler?
☐	6.6.6 6.6.6	☐ OK ☐ SIF	☐ Yes ☐ No
	5.3.3 6.5.6		
	5.5.5 5.6.6		

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

MaxXam Analytics Inc. 8577 Commerce Court Burnaby, British Columbia Canada V5A 4N5
Tel:(604) 444-4808 Toll-free:(800) 440-4808 Fax:(604) 444-4511 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#2448 GARTNER LEE LTD.	Company Name:	Same as invoice	Quotation #:	A80323	MAXXAM JOB #:	BOTTLE ORDER #: 29686
Contact Name:	Kai Woloshyn	Contact Name:		PO #:			
Address:	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1	Address:		Project #:		CHAIN OF CUSTODY #: C#29686-14-01	PROJECT MANAGER: ROB MACARTHUR
Phone:	(867)633-6474 Fax: (867)633-6321	Phone:	Fax:	Project Name:			
Email:	kwoloshyn@gartnerlee.com, sgladwin@gartnerlee.c	Email:		Site Location:	FARO MINE		
				Sampled By:			

REGULATORY CRITERIA: ultra low level metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

ANALYSIS REQUESTED (Please be specific):

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Diss Mod Metals	Gen Chem	Cond, pH, Turbidity	Alkalinity, Sulphate	Hardness		ion balance		Chloride		# of Bottles	Comments
1		V34	Sept 18, 09	Water	N	Y	X	X					X					
2		V35																
3		V36																
4		V37																
5		X16A	Sept 16, 09															
6		X16B																
7		X17A																
8		X17B																
9		X18A																
10		X18B																

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT:
(will be applied if Rush TAT is not specified):
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ (call lab for #)

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Woloshyn	09/09/20	13:30			
			A Mayo	22/09/18	11:25

Laboratory Use Only: Time Sensitive ☐ | Temperature (°C) on Receipt: 4.1, 4.1 / 5.3, 5 / 5.9, 5 / 4.5, 6 / 5.6, 6 | Condition of Sample on Receipt: ☐ OK ☐ SIF | Custody Seal Intact on Cooler?: ☐ Yes ☐ No

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

Maxxam Analytics Inc
8577 Commerce Court, Burnaby, British Columbia Canada V5A 4N5
Tel (604) 444-4808 Toll-free (800) 440-4808 Fax (604) 444-4811 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:

Company Name:	#2448 GARTNER LEE LTD.
Contact Name:	Kai Woloshyn
Address:	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1
Phone:	(867)633-6474 Fax: (867)633-6321
Email:	kwoloshyn@gartnerlee.com, sgladwin@gartnerlee.c

REPORT INFORMATION (if differs from invoice):

Company Name:	Same as Invoice
Contact Name:	
Address:	
Phone:	Fax:
Email:	

PROJECT INFORMATION:

Quotation #:	A80323
P.O. #:	
Project #:	
Project Name:	
Site Location:	FARO MINE
Sampled By:	

Laboratory Use Only:

MAXXAM JOB #:	BOTTLE ORDER #:
	29986
CHAIN OF CUSTODY #:	PROJECT MANAGER:
C#29986-13-01	ROB MACARTHUR

REGULATORY CRITERIA: ultra low level metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT: (will be applied if Rush TAT is not specified) ☒
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Ozone/Fluoride are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission) ☐
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	General Chemistry	Cond, pH, alkalinity, sulphate & hardness	Ion Balance	Chloride	# of Bottles	Comments
1		X21A-96	Sept 17,08	Water	N	F	X	X		X		2	
2		X21B-96	↓	↓	↓	↓	↓	↓				2	
3		X21C-96											
4		X24A-96											
5		X24D-96											
6		X25B-96	Sept 16,08										
7		X25B-96	↓										
8		X25C-96	↓								X		
9		P03-01-01	Sept 17,08										
10		P03-01-02	↓	↓	↓	↓	↓	↓		↓		↓	

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Woloshyn	08/09/150	13:00	A Mayo	22/09/08	11:25

Laboratory Use Only

Time Sensitive	Temperature (°C) on Receipt	Condition of Sample on Receipt	Custody Seal Intact on Cooler?
☐	6.6, 6.4 5.7 3 6.5.4 5.5.5 5.6.4	☐ OK ☐ SIF	☐ Yes ☐ No

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* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

MaxXam Analytics Inc
6577 Commerce Court, Burnaby, British Columbia Canada V5A 4N5
Tel (604) 444-4808 Toll-free (800) 440-4808 Fax (604) 444-4811 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name	#2448 GARTNER LEE LTD.	Company Name:	Same as invoice	Quotation #:	A80323	MAXXAM JOB #:	BOTTLE ORDER #:
Contact Name	Kai Wolcshyn	Contact Name		P.O. #:			29586
Address	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1	Address:		Project #:		CHAIN OF CUSTODY #:	PROJECT MANAGER:
Phone:	(867)633-6474 Fax: (867)633-6321	Phone:	Fax:	Project Name:		C#29586-09-01	ROB MACARTHUR
Email:	kwolcshyn@gartnerlee.com, aglacwin@gartnerlee.c	Email:		Site Location:	FARO MINE		
				Sampled By:			

REGULATORY CRITERIA: Ultra Low Level metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

ANALYSIS REQUESTED (Please be specific):

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT:
(will be applied if Rush TAT is not specified):
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Ozonia/Fuvalue are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	Gen. Chem.	Cyanide, Total	Alkalinity, Sulphate, Hardness				Ion Balance	Chloride	# of Bottles	Comments
1		P03-01-03	Sept 12, 08	Water	N	Y	X	X						X		2	
2		P03-01-04					X	X								2	
3		P03-01-06					X	X								2	
4		P03-01-07					X	X								2	
5		P03-01-08					X	X								2	
6		P03-04-02					X	X								2	
7		P03-04-04					X	X								2	
8		P03-04-05					X	X								2	
9		P03-04-06					X	X								2	
10		P03-01-09					X	X								2	

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Wolcshyn	08/09/12	13:00	A. Mayo	22/09/08	11:25

Laboratory Use Only:

Time Sensitive	Temperature (°C) on Receipt		Condition of Sample on Receipt	Custody Seal Intact on Cooler?
☐	6.6.6	6.6.6	☐ OK ☐ SIF	☐ Yes ☐ No
	5.3.3	6.5.6		
	5.5.5	5.6.6		

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

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Tel (604) 444-4808 Toll-free (800) 440-4808 Fax (604) 444-4811 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:
Company Name: #2448 GARTNER LEE LTD.
Contact Name: Kai Wokoshyn
Address: 2251 - 2nd AVENUE, WHITEHORSE YT Y1A 5W1
Phone: (867)633-6474 Fax: (867)633-6321
Email: kwokoshyn@gartnerlee.com, sgladwin@gartnerlee.c

REPORT INFORMATION (if differs from invoice):
Company Name: Same as invoice
Contact Name:
Address:
Phone: Fax:
Email:

PROJECT INFORMATION:
Quotation #: A80323
P.O. #:
Project #:
Project Name:
Site Location: FARO MINE
Sampled By:

Laboratory Use Only:
MAXXAM JOB #:
BOTTLE ORDER #: 29686
CHAIN OF CUSTODY #: C#29686-11-01
PROJECT MANAGER: ROB MACARTHUR

REGULATORY CRITERIA: Ultra Low Level Metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

TURNAROUND TIME (TAT) REQUIRED:
Regular (Standard) TAT: (will be applied if Rush TAT is not specified) ☒
Standard TAT = 5-7 Working days for most tests
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.
Job Specific Rush TAT (if applies to entire submission)
Date Required: Time Required:
Rush Confirmation Number: (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	Gen Chem (pH, Conductivity, Total Alkalinity, Sulphate, Hardness)	Ion Balance	Chloride	# of Bottles	Comments
1		PD3-08-01	Sept 16/08	Water	N	F	X	X			2	
2		PD3-08-03										
3		PD3-08-04										
4		PD3-08-05										
5		PD3-08-07										
6		PD3-08-09										
7		PD3-09-01								X		
8		PD3-09-02								X		
9		PD3-09-03								X		
10		PD3-09-04								X		

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Wokoshyn	08/09/20	13:00	A. Mayo	22/09/08	11:25

Laboratory Use Only
Time Sensitive ☐
Temperature (°C) on Receipt: 6.6.6 6.6.6 / 5.3.3 6.5.6 / 5.5.5 5.6.6
Condition of Sample on Receipt: ☐ OK ☐ SIF
Custody Seal Intact on Cooler? ☐ Yes ☐ No

*IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

Maxxam Analytics Inc
8577 Commerce Court, Burnaby, British Columbia Canada V5A 4N5
Tel (604) 444-4808 Toll-free (800) 440-4808 Fax (604) 444-4811 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#2448 GARTNER LEE LTD.	Company Name:	Same as Invoice	Quotation #:	A80323	MAXXAM JOB #:	BOTTLE ORDER #:
Contact Name:	Kai Woloshyn	Contact Name:		P.O. #:			29686
Address:	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1	Address:		Project #:		CHAIN OF CUSTODY #:	PROJECT MANAGER:
Phone:	(867)633-6474 Fax: (867)633-6321	Phone:	Fax:	Project Name:		C#29686-07-01	ROB MACARTHUR
Email:	kwoloshyn@gartnerlee.com, sglackwin@gartnerlee.c	Email:		Site Location:	FARO MINE		
				Sampled By:			

REGULATORY CRITERIA: Ultra Low level Metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

ANALYSIS REQUESTED (Please be specific)

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT: (will be applied if Rush TAT is not specified) ☒
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Organics/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: _____ Time Required: _____ ☐
Rush Confirmation Number: _____ (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water ? (Y/N)	Metals Field Filtered ? (Y/N)	Dissolved Metals	General Chemistry (pH, conductivity, Total Alkalinity, Sulphate, Hardness)	Ion Balance	Chloride	# of Bottles	Comments
1		PD3-09-05	Sept. 16, '20	Water	N	Y	X	X			2	
2		PD3-09-06	"	"	"	"	"	"			2	
3		PD3-09-07	"	"	"	"	"	"			1	
4		PD3-09-08	"	"	"	"	"	"				
5		PD3-09-09	"	"	"	"	"	"				
6		PD3-09-10	"	"	"	"	"	"		X		
7		PD3-09-08A	"	"	"	"	"	"				
8		PD5-01-01	"	"	"	"	"	"		X		
9		PD5-01-02	"	"	"	"	"	"				
10		PD5-01-03	"	"	"	"	"	"				

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	Laboratory Use Only: Time Sensitive	Temperature (°C) on Receipt	Condition of Sample on Receipt	Custody Seal Intact on Cooler?
Kai Woloshyn	08/09/20	13:00				☐		☐ OK ☐ SIF	☐ Yes ☐ No

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

MaxXam Analytics Inc

8577 Commerce Court, Burnaby, British Columbia Canada V5A 4N5
Tel:(604) 444-4808 Toll-free (800) 440-4808 Fax:(604) 444-4511 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:

Company Name	#2449 GARTNER LEE LTD.
Contact Name	Kai Woloshyn
Address	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1
Phone	(867)633-6474 Fax: (867)633-6321
Email	kwoloshyn@gartnerlee.com, sgladwin@gartnerlee.c

REPORT INFORMATION (if differs from invoice):

Company Name	See as invoice
Contact Name	
Address	
Phone	Fax:
Email	

PROJECT INFORMATION:

Quotation #:	A80323
P.O. #:	
Project #:	
Project Name	
Site Location	FARO MINE
Sampled By	

Laboratory Use Only:

MAXXAM JOB #:	BOTTLE ORDER #:
	29666
CHAIN OF CUSTODY #:	PROJECT MANAGER:
C#29666-05-01	ROB MACARTHUR

REGULATORY CRITERIA: Ultra Low Level Metals

SPECIAL INSTRUCTIONS:

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

TURNAROUND TIME (TAT) REQUIRED:

Regular (Standard) TAT: ☒
(will be applied if Rush TAT is not specified).
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission) ☐
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	Gen. Chem.	Cond, Alkalinity, Sulphate, Hardness					Ion Balance	Chloride	# of Bottles	Comments
1		PDS-01-04	Sept. 16/08	Water	N	Y	X	X						X	X	2	
2		PDS-01-05	"	"	"	"	"	"						"	"	2	
3		PDS-01-06	"	"	"	"	"	"						"	"	2	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Woloshyn	08/09/20	13:00			

Laboratory Use Only

Time Sensitive	Temperature (°C) on Receipt	Custody Seal Present on Receipt	Custody Seal Intact on Cooler?
☐		☐ OK ☐ SIF	☐ Yes ☐ No

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

Your Project #: 80632-6
Site#: FARO
Site: FARO
Your C.O.C. #: 38471-03, 38471-01

Attention: Kai Woloshyn
GARTNER LEE
2251 - 2nd AVENUE
WHITEHORSE, YT
CANADA Y1A 5W1

Report Date: 2008/11/17

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A861389
Received: 2008/11/07, 16:25

Sample Matrix: Water
Samples Received: 14

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity - Water	14	2008/11/13	2008/11/13	BRN SOP-00264 R2.0	Based on SM2320B
Chloride by Automated Colourimetry	14	N/A	2008/11/13	BRN-SOP 00234 R1.0	Based on EPA 325.2
Conductance - water	14	N/A	2008/11/13	BRN SOP-00264 R2.0	Based on SM-2510B
Hardness (calculated as CaCO3)	14	N/A	2008/11/14		
Ion Balance	14	N/A	2008/11/14		
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	14	N/A	2008/11/14	BRN SOP-00206	Based on EPA 200.8
Elements by ICPMS Low Level (dissolved) (1)	14	N/A	2008/11/14	BRN SOP-00206	Based on EPA 200.8
Filter and HNO3 Preserve for Metals	14	N/A	2008/11/13	BRN WI-00006 R1.0	Based on EPA 200.2
pH Water	14	N/A	2008/11/13	BRN SOP-00264 R2.0	Based on SM-4500H+B
Sulphate by Automated Colourimetry	14	N/A	2008/11/13	BRN-SOP 00243 R1.0	Based on EPA 375.4

* Results relate only to the items tested.

(1) SCC/CAEAL

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

ROB MACARTHUR, BBY Customer Service
Email: rob.macarthur@maxxamanalytics.com
Phone# (604) 444-4808 Ext:253

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Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

Total cover pages: 1

Maxxam Job #: A861389
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-6
Site Reference: FARO

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		M67633		M67634		M67635		M67636	M67637		M67638		
Sampling Date		2008/11/05		2008/11/05		2008/11/05		2008/11/05	2008/11/05		2008/11/03		
	Units	**SRK08-P10A**	**RDL**	**SRK08-P12A**	**QC Batch**	**SRK08-P12B**	**QC Batch**	**SRK08-P14**	**SRK08-P16**	**RDL**	**SRK08-SBR1**	**RDL**	**QC Batch**
Preparation													
Filter and HNO3 Preservation	N/A	FIELD	N/A	FIELD	ONSITE	FIELD	ONSITE	FIELD	FIELD	N/A	FIELD	N/A	ONSITE
Calculated Parameters													
Ion Balance	N/A	0.92	0.01	0.97	2728988	1.1	2728988	0.97	0.95	0.01	0.91	0.01	2728988
Misc. Inorganics													
Alkalinity (Total as CaCO3)	mg/L	430	0.5	580	2730144	330	2730144	210	320	0.5	240	0.5	2730144
Anions													
Dissolved Sulphate (SO4)	mg/L	2000	50	170	2732564	76	2738484	490	400	5	3300	50	2732564
Dissolved Chloride (Cl)	mg/L	59	5	1.2	2732547	1.9	2732547	1.7	1.4	0.5	5.3	0.5	2732547
Physical Properties													
Conductivity	uS/cm	3400	1	1200	2730143	730	2730143	1200	1200	1	4200	1	2730143
pH	pH Units	7.6		6.6	2730138	6.6	2730138	7.8	8.0		7.1		2730138

Maxxam ID		M67639	M67640		M67641		M67642		
Sampling Date		2008/11/03	2008/11/03		2008/11/03		2008/11/03		
	Units	**SRK08-SBR2**	**SRK08-SBR3**	**QC Batch**	**SRK08-SBR4**	**QC Batch**	**SRK08-SP7A**	**RDL**	**QC Batch**
Preparation									
Filter and HNO3 Preservation	N/A	FIELD	FIELD	ONSITE	FIELD	ONSITE	FIELD	N/A	ONSITE
Calculated Parameters									
Ion Balance	N/A	0.89	1.0	2728988	0.92	2728988	0.99	0.01	2728988
Misc. Inorganics									
Alkalinity (Total as CaCO3)	mg/L	330	460	2730144	140	2730144	210	0.5	2730144
Anions									
Dissolved Sulphate (SO4)	mg/L	2400	1800	2738484	6500	2732564	2300	50	2738484
Dissolved Chloride (Cl)	mg/L	4.9	1.8	2732547	5.4	2732547	4.6	0.5	2732547
Physical Properties									
Conductivity	uS/cm	3600	3400	2730143	7100	2730143	3500	1	2730143
pH	pH Units	7.3	7.8	2730138	7.2	2730138	7.1		2730138

N/A = Not Applicable
RDL = Reportable Detection Limit

Maxxam Job #: A861389
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-6
Site Reference: FARO

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		M67643	M67644		M67645		M67646		
Sampling Date		2008/11/03	2008/11/03		2008/11/03		2008/11/03		
	Units	**SRK08-SP7B**	**SRK08-SP7C**	**RDL**	**SRK08-SPW1**	**RDL**	**SRK08-SPW2**	**RDL**	**QC Batch**
Preparation									
Filter and HNO3 Preservation	N/A	FIELD	FIELD	N/A	FIELD	N/A	FIELD	N/A	ONSITE
Calculated Parameters									
Ion Balance	N/A	0.90	0.99	0.01	0.98	0.01	0.96	0.01	2728988
Misc. Inorganics									
Alkalinity (Total as CaCO3)	mg/L	57	52	0.5	290	0.5	210	0.5	2730144
Anions									
Dissolved Sulphate (SO4)	mg/L	5800	5300	50	210	5	5900	50	2732564
Dissolved Chloride (Cl)	mg/L	6.8	6.7	0.5	1.5	0.5	6.7	0.5	2732547
Physical Properties									
Conductivity	uS/cm	6400	6300	1	880	1	6700	1	2730143
pH	pH Units	6.7	6.7		6.8		7.1		2730138

N/A = Not Applicable
RDL = Reportable Detection Limit

Maxxam Job #: A861389
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-6
Site Reference: FARO

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		M67633	M67634		M67635	M67636	M67637		M67638		
Sampling Date		2008/11/05	2008/11/05		2008/11/05	2008/11/05	2008/11/05		2008/11/03		
	Units	**SRK08-P10A**	**SRK08-P12A**	**RDL**	**SRK08-P12B**	**SRK08-P14**	**SRK08-P16**	**RDL**	**SRK08-SBR1**	**RDL**	**QC Batch**
Misc. Inorganics											
Dissolved Hardness (CaCO3)	mg/L	2140	650	0.5	419	685	681	0.5	3160	0.5	2727773

RDL = Reportable Detection Limit

Maxxam Job #: A861389
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-6
Site Reference: FARO

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		M67633	M67634		M67635	M67636	M67637		M67638		
Sampling Date		2008/11/05	2008/11/05		2008/11/05	2008/11/05	2008/11/05		2008/11/03		
	Units	**SRK08-P10A**	**SRK08-P12A**	**RDL**	**SRK08-P12B**	**SRK08-P14**	**SRK08-P16**	**RDL**	**SRK08-SBR1**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS											
Dissolved Aluminum (Al)	mg/L	0.021	0.063	0.001	0.0551	0.0041	0.0050	0.0002	0.019	0.001	2730132
Dissolved Antimony (Sb)	mg/L	0.0003	0.0002	0.0001	0.00003	0.00022	0.00014	0.00002	0.0002	0.0001	2730132
Dissolved Arsenic (As)	mg/L	0.0004	0.0006	0.0001	0.00008	0.00025	0.00034	0.00002	0.0029	0.0001	2730132
Dissolved Barium (Ba)	mg/L	0.0342	0.0352	0.0001	0.0845	0.0971	0.156	0.00002	0.0241	0.0001	2730132
Dissolved Beryllium (Be)	mg/L	<0.00005	0.00071	0.00005	0.00039	<0.00001	<0.00001	0.00001	0.00085	0.00005	2730132
Dissolved Bismuth (Bi)	mg/L	<0.00003	<0.00003	0.00003	<0.000005	<0.000005	<0.000005	0.000005	<0.00003	0.00003	2730132
Dissolved Boron (B)	mg/L	<0.3	<0.3	0.3	<0.05	<0.05	<0.05	0.05	<0.3	0.3	2730132
Dissolved Cadmium (Cd)	mg/L	0.00041	<0.00003	0.00003	0.000054	0.000040	0.000044	0.000005	<0.00003	0.00003	2730132
Dissolved Chromium (Cr)	mg/L	<0.0005	0.0008	0.0005	0.0002	0.0002	0.0001	0.0001	0.0006	0.0005	2730132
Dissolved Cobalt (Co)	mg/L	0.00813	0.00806	0.00003	0.00397	0.000390	0.000221	0.000005	0.0126	0.00003	2730132
Dissolved Copper (Cu)	mg/L	0.0012	<0.0003	0.0003	0.00017	0.00283	0.00033	0.00005	0.0008	0.0003	2730132
Dissolved Iron (Fe)	mg/L	0.011	14.8	0.005	5.99	0.009	0.003	0.001	37.5	0.005	2730132
Dissolved Lead (Pb)	mg/L	0.00020	0.00017	0.00003	0.000020	0.000088	0.000032	0.000005	0.00026	0.00003	2730132
Dissolved Lithium (Li)	mg/L	0.009	0.100	0.003	0.0867	0.0070	0.0059	0.0005	0.088	0.003	2730132
Dissolved Manganese (Mn)	mg/L	0.395	0.840	0.0003	0.586	0.0386	0.0135	0.00005	5.12	0.0003	2730132
Dissolved Mercury (Hg)	mg/L	<0.00005	<0.00005	0.00005	<0.00001	0.00001	0.00001	0.00001	0.00006	0.00005	2730132
Dissolved Molybdenum (Mo)	mg/L	0.0021	0.0003	0.0003	0.00014	0.00150	0.00170	0.00005	0.0006	0.0003	2730132
Dissolved Nickel (Ni)	mg/L	0.0164	0.0165	0.0001	0.00544	0.00131	0.00176	0.00002	0.0785	0.0001	2730132
Dissolved Phosphorus (P)	mg/L	<0.01	0.02	0.01	<0.002	<0.002	<0.002	0.002	<0.01	0.01	2730132
Dissolved Selenium (Se)	mg/L	0.0003	<0.0002	0.0002	<0.00004	0.00215	0.00228	0.00004	<0.0002	0.0002	2730132
Dissolved Silicon (Si)	mg/L	7.4	9.7	0.5	9.1	4.8	3.5	0.1	9.0	0.5	2730132
Dissolved Silver (Ag)	mg/L	<0.00003	<0.00003	0.00003	0.000010	0.000006	<0.000005	0.000005	<0.00003	0.00003	2730132
Dissolved Strontium (Sr)	mg/L	1.29	1.04	0.0003	0.734	0.956	0.931	0.00005	2.89	0.0003	2730132
Dissolved Thallium (Tl)	mg/L	0.00003	0.00004	0.00001	0.000052	0.000005	0.000012	0.000002	<0.00001	0.00001	2730132
Dissolved Tin (Sn)	mg/L	0.00005	<0.00005	0.00005	0.00002	0.00004	0.00006	0.00001	<0.00005	0.00005	2730132
Dissolved Titanium (Ti)	mg/L	0.004	0.015	0.003	0.0014	0.0006	0.0006	0.0005	0.005	0.003	2730132
Dissolved Uranium (U)	mg/L	0.0315	0.00064	0.00001	0.00103	0.00376	0.0144	0.000002	0.00150	0.00001	2730132
Dissolved Vanadium (V)	mg/L	<0.001	<0.001	0.001	<0.0002	<0.0002	<0.0002	0.0002	<0.001	0.001	2730132
Dissolved Zinc (Zn)	mg/L	0.0819	1.00	0.0005	0.229	0.0078	0.0092	0.0001	1.13	0.0005	2730132
Dissolved Zirconium (Zr)	mg/L	0.0007	0.0008	0.0005	0.0027	<0.0001	0.0002	0.0001	<0.0005	0.0005	2730132
Dissolved Calcium (Ca)	mg/L	730	178	0.05	119	206	193	0.05	754	0.05	2734256
Dissolved Magnesium (Mg)	mg/L	76.2	50.2	0.05	29.4	41.6	48.4	0.05	309	0.05	2734256
Dissolved Potassium (K)	mg/L	13.9	3.16	0.05	3.66	0.97	2.11	0.05	9.81	0.05	2734256
Dissolved Sodium (Na)	mg/L	97.5	24.9	0.05	15.8	3.79	8.03	0.05	25.6	0.05	2734256
Dissolved Sulphur (S)	mg/L	661	54	3	31	166	133	3	1060	3	2734256

RDL = Reportable Detection Limit

Maxxam Job #: A861389
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-6
Site Reference: FARO

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		M67639	M67640		M67641		M67642		
Sampling Date		2008/11/03	2008/11/03		2008/11/03		2008/11/03		
	Units	**SRK08-SBR2**	**SRK08-SBR3**	**RDL**	**SRK08-SBR4**	**RDL**	**SRK08-SP7A**	**RDL**	**QC Batch**
Misc. Inorganics									
Dissolved Hardness (CaCO3)	mg/L	2330	2190	0.5	5530	0.5	2440	0.5	2727773

RDL = Reportable Detection Limit

Maxxam Job #: A861389
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-6
Site Reference: FARO

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		M67639	M67640		M67641		M67642		
Sampling Date		2008/11/03	2008/11/03		2008/11/03		2008/11/03		
	Units	**SRK08-SBR2**	**SRK08-SBR3**	**RDL**	**SRK08-SBR4**	**RDL**	**SRK08-SP7A**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS									
Dissolved Aluminum (Al)	mg/L	0.023	0.013	0.001	0.06	0.01	0.026	0.001	2730132
Dissolved Antimony (Sb)	mg/L	0.0004	<0.0001	0.0001	<0.001	0.001	<0.0001	0.0001	2730132
Dissolved Arsenic (As)	mg/L	0.0014	0.0004	0.0001	0.002	0.001	0.0047	0.0001	2730132
Dissolved Barium (Ba)	mg/L	0.0353	0.0207	0.0001	0.023	0.001	0.0258	0.0001	2730132
Dissolved Beryllium (Be)	mg/L	0.00011	<0.00005	0.00005	<0.0005	0.0005	0.00056	0.00005	2730132
Dissolved Bismuth (Bi)	mg/L	<0.00003	<0.00003	0.00003	<0.0003	0.0003	<0.00003	0.00003	2730132
Dissolved Boron (B)	mg/L	<0.3	<0.3	0.3	<3	3	<0.3	0.3	2730132
Dissolved Cadmium (Cd)	mg/L	0.00428	<0.00003	0.00003	0.0559	0.0003	0.00014	0.00003	2730132
Dissolved Chromium (Cr)	mg/L	<0.0005	<0.0005	0.0005	0.005	0.005	<0.0005	0.0005	2730132
Dissolved Cobalt (Co)	mg/L	0.0274	0.00289	0.00003	0.171	0.0003	0.0264	0.00003	2730132
Dissolved Copper (Cu)	mg/L	0.0004	0.0014	0.0003	0.004	0.003	<0.0003	0.0003	2730132
Dissolved Iron (Fe)	mg/L	14.3	0.099	0.005	1.51	0.05	54.8	0.005	2730132
Dissolved Lead (Pb)	mg/L	0.00761	0.00005	0.00003	<0.0003	0.0003	0.00027	0.00003	2730132
Dissolved Lithium (Li)	mg/L	0.071	0.077	0.003	0.18	0.03	0.080	0.003	2730132
Dissolved Manganese (Mn)	mg/L	20.1	0.104	0.0003	74.9	0.003	6.31	0.0003	2730132
Dissolved Mercury (Hg)	mg/L	0.00005	<0.00005	0.00005	<0.0005	0.0005	<0.00005	0.00005	2730132
Dissolved Molybdenum (Mo)	mg/L	0.0029	0.0003	0.0003	0.003	0.003	<0.0003	0.0003	2730132
Dissolved Nickel (Ni)	mg/L	0.296	0.0180	0.0001	2.42	0.001	0.0739	0.0001	2730132
Dissolved Phosphorus (P)	mg/L	<0.01	<0.01	0.01	<0.1	0.1	<0.01	0.01	2730132
Dissolved Selenium (Se)	mg/L	0.0003	0.0006	0.0002	<0.002	0.002	<0.0002	0.0002	2730132
Dissolved Silicon (Si)	mg/L	10.7	5.8	0.5	11	5	13.1	0.5	2730132
Dissolved Silver (Ag)	mg/L	<0.00003	<0.00003	0.00003	<0.0003	0.0003	<0.00003	0.00003	2730132
Dissolved Strontium (Sr)	mg/L	1.57	1.23	0.0003	2.06	0.003	1.74	0.0003	2730132
Dissolved Thallium (Tl)	mg/L	0.00002	0.00004	0.00001	<0.0001	0.0001	<0.00001	0.00001	2730132
Dissolved Tin (Sn)	mg/L	<0.00005	<0.00005	0.00005	<0.0005	0.0005	<0.00005	0.00005	2730132
Dissolved Titanium (Ti)	mg/L	0.004	0.005	0.003	<0.03	0.03	0.005	0.003	2730132
Dissolved Uranium (U)	mg/L	0.0144	0.0310	0.00001	0.0049	0.0001	0.00323	0.00001	2730132
Dissolved Vanadium (V)	mg/L	<0.001	<0.001	0.001	<0.01	0.01	<0.001	0.001	2730132
Dissolved Zinc (Zn)	mg/L	36.3	0.0426	0.0005	367	0.005	2.56	0.0005	2730132
Dissolved Zirconium (Zr)	mg/L	<0.0005	<0.0005	0.0005	<0.005	0.005	<0.0005	0.0005	2730132
Dissolved Calcium (Ca)	mg/L	435	464	0.05	457	0.5	577	0.05	2734256
Dissolved Magnesium (Mg)	mg/L	302	251	0.05	1070	0.5	242	0.05	2734256
Dissolved Potassium (K)	mg/L	7.23	7.06	0.05	13.2	0.5	8.29	0.05	2734256
Dissolved Sodium (Na)	mg/L	21.7	62.4	0.05	54.1	0.5	21.2	0.05	2734256
Dissolved Sulphur (S)	mg/L	759	673	3	2110	30	847	3	2734256

RDL = Reportable Detection Limit

Maxxam Job #: A861389
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-6
Site Reference: FARO

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		M67643	M67644		M67645		M67646		
Sampling Date		2008/11/03	2008/11/03		2008/11/03		2008/11/03		
	Units	**SRK08-SP7B**	**SRK08-SP7C**	**RDL**	**SRK08-SPW1**	**RDL**	**SRK08-SPW2**	**RDL**	**QC Batch**
Misc. Inorganics									
Dissolved Hardness (CaCO3)	mg/L	4970	5010	0.5	428	0.5	5310	0.5	2727773

RDL = Reportable Detection Limit

Maxxam Job #: A861389
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-6
Site Reference: FARO

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		M67643	M67644		M67645		M67646		
Sampling Date		2008/11/03	2008/11/03		2008/11/03		2008/11/03		
	Units	SRK08-SP7B	SRK08-SP7C	RDL	SRK08-SPW1	RDL	SRK08-SPW2	RDL	QC Batch
Dissolved Metals by ICPMS									
Dissolved Aluminum (Al)	mg/L	0.077	0.104	0.004	0.052	0.001	0.05	0.01	2730132
Dissolved Antimony (Sb)	mg/L	<0.0004	<0.0004	0.0004	0.0001	0.0001	<0.001	0.001	2730132
Dissolved Arsenic (As)	mg/L	0.0130	0.0130	0.0004	0.0036	0.0001	0.002	0.001	2730132
Dissolved Barium (Ba)	mg/L	0.0337	0.0346	0.0004	0.0260	0.0001	0.018	0.001	2730132
Dissolved Beryllium (Be)	mg/L	0.0004	0.0003	0.0002	0.00117	0.00005	<0.0005	0.0005	2730132
Dissolved Bismuth (Bi)	mg/L	<0.0001	<0.0001	0.0001	<0.00003	0.00003	<0.0003	0.0003	2730132
Dissolved Boron (B)	mg/L	<1	<1	1	<0.3	0.3	<3	3	2730132
Dissolved Cadmium (Cd)	mg/L	0.0001	<0.0001	0.0001	0.00004	0.00003	0.0382	0.0003	2730132
Dissolved Chromium (Cr)	mg/L	<0.002	<0.002	0.002	<0.0005	0.0005	<0.005	0.005	2730132
Dissolved Cobalt (Co)	mg/L	0.0473	0.0471	0.0001	0.00996	0.00003	0.0306	0.0003	2730132
Dissolved Copper (Cu)	mg/L	<0.001	<0.001	0.001	<0.0003	0.0003	0.006	0.003	2730132
Dissolved Iron (Fe)	mg/L	75.2	76.0	0.02	22.3	0.005	0.07	0.05	2730132
Dissolved Lead (Pb)	mg/L	0.0002	0.0008	0.0001	0.00015	0.00003	0.0006	0.0003	2730132
Dissolved Lithium (Li)	mg/L	0.19	0.19	0.01	0.065	0.003	0.16	0.03	2730132
Dissolved Manganese (Mn)	mg/L	78.7	79.6	0.001	1.16	0.0003	80.5	0.003	2730132
Dissolved Mercury (Hg)	mg/L	<0.0002	<0.0002	0.0002	<0.00005	0.00005	<0.0005	0.0005	2730132
Dissolved Molybdenum (Mo)	mg/L	<0.001	<0.001	0.001	<0.0003	0.0003	<0.003	0.003	2730132
Dissolved Nickel (Ni)	mg/L	0.310	0.313	0.0004	0.0273	0.0001	2.16	0.001	2730132
Dissolved Phosphorus (P)	mg/L	<0.04	<0.04	0.04	<0.01	0.01	<0.1	0.1	2730132
Dissolved Selenium (Se)	mg/L	0.0009	<0.0008	0.0008	<0.0002	0.0002	0.002	0.002	2730132
Dissolved Silicon (Si)	mg/L	15	14	2	15.0	0.5	13	5	2730132
Dissolved Silver (Ag)	mg/L	<0.0001	<0.0001	0.0001	<0.00003	0.00003	<0.0003	0.0003	2730132
Dissolved Strontium (Sr)	mg/L	2.04	2.07	0.001	0.529	0.0003	2.07	0.003	2730132
Dissolved Thallium (Tl)	mg/L	<0.00004	<0.00004	0.00004	<0.00001	0.00001	<0.0001	0.0001	2730132
Dissolved Tin (Sn)	mg/L	<0.0002	<0.0002	0.0002	<0.00005	0.00005	<0.0005	0.0005	2730132
Dissolved Titanium (Ti)	mg/L	0.01	0.01	0.01	0.006	0.003	0.04	0.03	2730132
Dissolved Uranium (U)	mg/L	0.00091	0.00094	0.00004	0.00056	0.00001	0.0068	0.0001	2730132
Dissolved Vanadium (V)	mg/L	<0.004	<0.004	0.004	<0.001	0.001	<0.01	0.01	2730132
Dissolved Zinc (Zn)	mg/L	123	125	0.002	1.14	0.0005	336	0.005	2730132
Dissolved Zirconium (Zr)	mg/L	<0.002	<0.002	0.002	<0.0005	0.0005	<0.005	0.005	2730132
Dissolved Calcium (Ca)	mg/L	468	469	0.2	106	0.05	492	0.5	2734256
Dissolved Magnesium (Mg)	mg/L	923	933	0.2	39.9	0.05	990	0.5	2734256
Dissolved Potassium (K)	mg/L	12.0	12.0	0.2	4.19	0.05	12.4	0.5	2734256
Dissolved Sodium (Na)	mg/L	32.1	33.3	0.2	9.45	0.05	40.7	0.5	2734256
Dissolved Sulphur (S)	mg/L	1920	1960	10	75	3	2040	30	2734256

RDL = Reportable Detection Limit

Maxxam Job #: A861389
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-6
Site Reference: FARO

LOW LEVEL DISSOLVED METALS - WATER (WATER) Comments

Sample	M67633-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M67634-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M67638-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M67639-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M67640-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M67641-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M67642-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M67643-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M67644-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M67645-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M67646-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M67641-01 Na, K, Ca, Mg, S by CRC ICPMS (diss.): Detection limits raised due to sample matrix.
Sample	M67643-01 Na, K, Ca, Mg, S by CRC ICPMS (diss.): Detection limits raised due to sample matrix.
Sample	M67644-01 Na, K, Ca, Mg, S by CRC ICPMS (diss.): Detection limits raised due to sample matrix.
Sample	M67646-01 Na, K, Ca, Mg, S by CRC ICPMS (diss.): Detection limits raised due to sample matrix.

Maxxam Job #: A861389
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-6
Site Reference: FARO

QUALITY ASSURANCE REPORT

			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2730132	Dissolved Arsenic (As)	2008/11/14	101	75 - 125	95	75 - 125	<0.00002	mg/L	NC	25
2730132	Dissolved Beryllium (Be)	2008/11/14	105	75 - 125	99	75 - 125	<0.00001	mg/L	5.5	25
2730132	Dissolved Cadmium (Cd)	2008/11/14	100	75 - 125	98	75 - 125	<0.000005	mg/L	8.2	25
2730132	Dissolved Chromium (Cr)	2008/11/14	102	75 - 125	97	75 - 125	<0.0001	mg/L	NC	25
2730132	Dissolved Cobalt (Co)	2008/11/14	100	75 - 125	96	75 - 125	<0.000005	mg/L	0.4	25
2730132	Dissolved Copper (Cu)	2008/11/14	NC	75 - 125	102	75 - 125	<0.00005	mg/L	NC	25
2730132	Dissolved Lead (Pb)	2008/11/14	104	75 - 125	101	75 - 125	<0.000005	mg/L	NC	25
2730132	Dissolved Lithium (Li)	2008/11/14	110	75 - 125	100	75 - 125	<0.0005	mg/L	1.9	25
2730132	Dissolved Nickel (Ni)	2008/11/14	100	75 - 125	97	75 - 125	<0.00002	mg/L	1.6	25
2730132	Dissolved Selenium (Se)	2008/11/14	NC	75 - 125	100	75 - 125	<0.00004	mg/L	NC	25
2730132	Dissolved Uranium (U)	2008/11/14	111	75 - 125	102	75 - 125	<0.000002	mg/L	3.9	25
2730132	Dissolved Vanadium (V)	2008/11/14	102	75 - 125	92	75 - 125	<0.0002	mg/L	NC	25
2730132	Dissolved Zinc (Zn)	2008/11/14	NC	75 - 125	100	75 - 125	<0.0001	mg/L	0.6	25
2730132	Dissolved Aluminum (Al)	2008/11/14					<0.0002	mg/L	5.9	25
2730132	Dissolved Antimony (Sb)	2008/11/14					<0.00002	mg/L	NC	25
2730132	Dissolved Barium (Ba)	2008/11/14					<0.00002	mg/L	4.8	25
2730132	Dissolved Bismuth (Bi)	2008/11/14					<0.000005	mg/L	NC	25
2730132	Dissolved Boron (B)	2008/11/14					<0.05	mg/L	NC	25
2730132	Dissolved Iron (Fe)	2008/11/14					<0.001	mg/L	1.1	25
2730132	Dissolved Manganese (Mn)	2008/11/14					<0.00005	mg/L	0.7	25
2730132	Dissolved Mercury (Hg)	2008/11/14					0.00002, RDL=0.00001	mg/L	NC	25
2730132	Dissolved Molybdenum (Mo)	2008/11/14					<0.00005	mg/L	NC	25
2730132	Dissolved Phosphorus (P)	2008/11/14					<0.002	mg/L	NC	25
2730132	Dissolved Silicon (Si)	2008/11/14					<0.1	mg/L	4.9	25
2730132	Dissolved Silver (Ag)	2008/11/14					<0.000005	mg/L	NC	25
2730132	Dissolved Strontium (Sr)	2008/11/14					<0.00005	mg/L	4.4	25
2730132	Dissolved Thallium (Tl)	2008/11/14					<0.000002	mg/L	11.8	25
2730132	Dissolved Tin (Sn)	2008/11/14					<0.00001	mg/L	NC	25
2730132	Dissolved Titanium (Ti)	2008/11/14					<0.0005	mg/L	NC	25
2730132	Dissolved Zirconium (Zr)	2008/11/14					<0.0001	mg/L	15.0	25
2730143	Conductivity	2008/11/13			98	80 - 120	<1	uS/cm	0.4	25
2730144	Alkalinity (Total as CaCO3)	2008/11/13	100	80 - 120	98	80 - 120	<0.5	mg/L	0.7	25
2732547	Dissolved Chloride (Cl)	2008/11/13	109	80 - 120	99	80 - 120	<0.5	mg/L	NC	20
2732564	Dissolved Sulphate (SO4)	2008/11/13	NC	75 - 125	89	80 - 120	<0.5	mg/L	11.2	20
2734256	Dissolved Calcium (Ca)	2008/11/14					<0.05	mg/L	4.1	25
2734256	Dissolved Magnesium (Mg)	2008/11/14					<0.05	mg/L	2.0	25
2734256	Dissolved Potassium (K)	2008/11/14					<0.05	mg/L	0.6	25
2734256	Dissolved Sodium (Na)	2008/11/14					<0.05	mg/L	2.3	25

Maxxam Job #: A861389
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-6
Site Reference: FARO

QUALITY ASSURANCE REPORT

			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2734256	Dissolved Sulphur (S)	2008/11/14					<3	mg/L	0.4	25
2738484	Dissolved Sulphate (SO4)	2008/11/15	108	75 - 125	94	80 - 120	0.9, RDL=0.5	mg/L	6.1	20

N/A = Not Applicable
NC = Non-calculable
RDL = Reportable Detection Limit
RPD = Relative Percent Difference

Maxxam Analytics

Maxxam Analytics International Corporation o/a Maxxam Analytics
8577 Commerce Court, Burnaby, British Columbia Canada V5A 4N5 Tel:(604) 444-4808 Toll-free:(800) 440-4808 Fax:(604) 444-4511 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#2448 AECOM	Company Name:		Quotation #:	A80323	MAXXAM JOB #:	BOTTLE ORDER #:
Contact Name:	Kai Woloshyn	Contact Name:		P.O. #:		A861389	38471
Address:	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1	Address:		Project #:	40632-6	CHAIN OF CUSTODY #:	PROJECT MANAGER:
Phone:	(867)633-6474 Fax: (867)633-6321	Phone:	Fax:	Project Name:		C#38471-03-01	ROB MACARTHUR
Email:	kai.woloshyn@aecom.com	Email:		Site Location:	FARO		
				Sampled By:			

REGULATORY CRITERIA: CCME

SPECIAL INSTRUCTIONS: ultra low level metals

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

SAMPLES MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM

TURNAROUND TIME (TAT) REQUIRED:

PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS

Regular (Standard) TAT: ☒
(will be applied if Rush TAT is not specified):
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission) ☐
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ *(call lab for #)*

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	General chemistry	pH, conductivity	chloride, sulphate	hardness (as calcium)	alkalinity	# of Bottles	Comments
1		SRK08-P10A	Nov 5 '08	water	N	Y	X	X					2	
2		SRK08-P12A												
3		SRK08-P12B												
4		SRK08-P14												
5		SRK08-P16												
6		SRK08-SBR1	Nov 3 '08											
7		SRK08-SBR2												
8		SRK08-SBR3												
9		SRK08-SBR4												
10		SRK08-SP7A												

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	Laboratory Use Only: Time Sensitive	Temperature (°C) on Receipt	Condition of Sample on Receipt	Custody Seal Intact on Cooler?
Kai Woloshyn	08/11/06	10:30				☐			
			AS	Nov 7/08	10:25		4.8.7	☐ OK ☐ SIF	☐ Yes ☐ No

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

Maxxam Analytics

Maxxam Analytics International Corporation o/a Maxxam Analytics
8577 Commerce Court, Burnaby, British Columbia Canada V5A 4N5 Tel:(604) 444-4808 Toll-free:(800) 440-4808 Fax:(604) 444-4511 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#2448 AECOM	Company Name:		Quotation #:	A80323	MAXXAM JOB #:	BOTTLE ORDER #: 38471
Contact Name:	Kai Woloshyn	Contact Name:		P.O. #:			
Address:	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1	Address:		Project #:	80632-6	CHAIN OF CUSTODY #:	PROJECT MANAGER:
Phone:	(867)633-6474 Fax: (867)633-6321	Phone:	Fax:	Project Name:		C#38471-01-01	ROB MACARTHUR
Email:	kai.woloshyn@aecom.com	Email:		Site Location:	FARO		
				Sampled By:			

REGULATORY CRITERIA: CCME

SPECIAL INSTRUCTIONS: ultra low level metals

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

SAMPLES MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM

ANALYSIS REQUESTED (Please be specific):

TURNAROUND TIME (TAT) REQUIRED:

PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS

Regular (Standard) TAT: ☒
(will be applied if Rush TAT is not specified)
Standard TAT = 5-7 Working days for most tests
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission) ☐
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ *(call lab for #)*

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	General Chemistry (pH, conductivity, alkalinity, chloride, sulphate, hardness, ion balance)							# of Bottles	Comments
1		SRK04 - SP7B	Nov 3, 08	Water	N	Y									2	
2		SRK04 - SP7C	↓	↓	↓	↓	↓	↓							↓	
3		SRK04 - SPW1														
4		SRK04 - SPW2														
5																
6																
7																
8																
9																
10																

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	Laboratory Use Only: Time Sensitive	Temperature (°C) on Receipt	Condition of Sample on Receipt	Custody Seal Intact on Cooler?
Kai Woloshyn	08/11/06	10:30				☐		☐ OK ☐ SIF	☐ Yes ☐ No

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

Your Project #: 80632-2
Site#: FARO MINE
Site: FARO MINE
Your C.O.C. #: 29686-03

Attention: Kai Woloshyn
GARTNER LEE
2251 - 2nd AVENUE
WHITEHORSE, YT
CANADA Y1A 5W1

Report Date: 2008/11/17

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A861391
Received: 2008/11/07, 16:25

Sample Matrix: Water
Samples Received: 17

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity - Water	17	2008/11/12	2008/11/12	BRN SOP-00264 R2.0	Based on SM2320B
Chloride by Automated Colourimetry	17	N/A	2008/11/13	BRN-SOP 00234 R1.0	Based on EPA 325.2
Conductance - water	17	N/A	2008/11/12	BRN SOP-00264 R2.0	Based on SM-2510B
Hardness (calculated as CaCO3)	17	N/A	2008/11/13		
Ion Balance	17	N/A	2008/11/14		
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	17	N/A	2008/11/13	BRN SOP-00206	Based on EPA 200.8
Elements by ICPMS Low Level (dissolved) (1)	17	N/A	2008/11/13	BRN SOP-00206	Based on EPA 200.8
Filter and HNO3 Preserve for Metals	17	N/A	2008/11/12	BRN WI-00006 R1.0	Based on EPA 200.2
pH Water	17	N/A	2008/11/12	BRN SOP-00264 R2.0	Based on SM-4500H+B
Sulphate by Automated Colourimetry	17	N/A	2008/11/13	BRN-SOP 00243 R1.0	Based on EPA 375.4

* Results relate only to the items tested.

(1) SCC/CAEAL

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

ROB MACARTHUR, BBY Customer Service
Email: rob.macarthur@maxxamanalytics.com
Phone# (604) 444-4808 Ext:253

==========

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

Total cover pages: 1

Maxxam Job #: A861391
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-2
Site Reference: FARO MINE

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		M64656	M64657		M64658	M64659			M64660	M64661		
Sampling Date		2008/11/04	2008/11/04		2008/11/04	2008/11/04			2008/11/04	2008/11/04		
	Units	**X24A-96**	**X24D-96**	**RDL**	**X25A-96**	**X25B-96**	**RDL**	**QC Batch**	**P03-04-02**	**P03-04-04**	**RDL**	**QC Batch**
Preparation												
Filter and HNO3 Preservation	N/A	FIELD	FIELD	N/A	FIELD	FIELD	N/A	ONSITE	FIELD	FIELD	N/A	ONSITE
Calculated Parameters												
Ion Balance	N/A	0.94	0.92	0.01	0.95	0.93	0.01	2723993	1.0	1.0	0.01	2723993
Misc. Inorganics												
Alkalinity (Total as CaCO3)	mg/L	360	410	0.5	260	270	0.5	2727531	130	210	0.5	2727531
Anions												
Dissolved Sulphate (SO4)	mg/L	1500	2200	50	410	420	5	2732564	700	440(1)	50	2738484
Dissolved Chloride (Cl)	mg/L	4.1	3.9	0.5	1.2	1.4	0.5	2732547	1.5	1.6	0.5	2732547
Physical Properties												
Conductivity	uS/cm	2700	3400	1	1200	1200	1	2727529	1600	1200	1	2727529
pH	pH Units	7.4	7.5		7.9	8.0		2727413	7.4	7.9		2727413

Maxxam ID		M64662			M64663		M64664		M64665	M64666		M64667		
Sampling Date		2008/11/04			2008/11/04		2008/11/04		2008/11/04	2008/11/04		2008/11/04		
	Units	**P03-04-06**	**RDL**	**QC Batch**	**P03-08-02**	**QC Batch**	**P03-08-03**	**RDL**	**P03-08-04**	**P03-08-05**	**RDL**	**P03-09-02**	**RDL**	**QC Batch**
Preparation														
Filter and HNO3 Preservation	N/A	FIELD	N/A	ONSITE	FIELD	ONSITE	FIELD	N/A	FIELD	FIELD	N/A	FIELD	N/A	ONSITE
Calculated Parameters														
Ion Balance	N/A	1.0	0.01	2723993	0.91	2723993	0.95	0.01	0.93	0.99	0.01	0.91	0.01	2723993
Misc. Inorganics														
Alkalinity (Total as CaCO3)	mg/L	10	0.5	2727531	260	2727531	320	0.5	300	300	0.5	330	0.5	2727531
Anions														
Dissolved Sulphate (SO4)	mg/L	3800	50	2732564	78	2738484	210	5	640	960	50	450	5	2732564
Dissolved Chloride (Cl)	mg/L	1.6	0.5	2732547	0.8	2732547	1.1	0.5	1.3	7.8	0.5	2.8	0.5	2732547
Physical Properties														
Conductivity	uS/cm	4500	1	2727529	600	2727529	910	1	1400	2000	1	1300	1	2727529
pH	pH Units	5.7		2727413	8.0	2727413	8.0		7.6	7.6		7.9		2727413

N/A = Not Applicable
RDL = Reportable Detection Limit
(1) - RDL raised due to sample matrix interference.

Maxxam Job #: A861391
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-2
Site Reference: FARO MINE

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		M64668		M64669	M64670	M64671	M64672		
Sampling Date		2008/11/04		2008/11/04	2008/11/04	2008/11/04	2008/11/04		
	Units	**P03-09-04**	**QC Batch**	**P03-09-06**	**P03-09-07**	**P03-09-08**	**P03-09-09**	**RDL**	**QC Batch**
Preparation									
Filter and HNO3 Preservation	N/A	FIELD	ONSITE	FIELD	FIELD	FIELD	FIELD	N/A	ONSITE
Calculated Parameters									
Ion Balance	N/A	0.94	2723993	0.91	0.95	0.93	0.93	0.01	2723993
Misc. Inorganics									
Alkalinity (Total as CaCO3)	mg/L	290	2727531	300	310	310	300	0.5	2727531
Anions									
Dissolved Sulphate (SO4)	mg/L	630	2738484	720	830	850	800	50	2732564
Dissolved Chloride (Cl)	mg/L	1.8	2732547	2.0	2.0	2.0	2.0	0.5	2732547
Physical Properties									
Conductivity	uS/cm	1500	2727529	1500	1700	1700	1600	1	2727529
pH	pH Units	7.9	2727413	7.9	7.8	7.8	7.9		2727413

N/A = Not Applicable
RDL = Reportable Detection Limit

Maxxam Job #: A861391
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-2
Site Reference: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		M64656	M64657		M64658	M64659	M64660	M64661		M64662		
Sampling Date		2008/11/04	2008/11/04		2008/11/04	2008/11/04	2008/11/04	2008/11/04		2008/11/04		
	Units	**X24A-96**	**X24D-96**	**RDL**	**X25A-96**	**X25B-96**	**P03-04-02**	**P03-04-04**	**RDL**	**P03-04-06**	**RDL**	**QC Batch**
Misc. Inorganics												
Dissolved Hardness (CaCO3)	mg/L	1660	2220	0.5	580	555	796	471	0.5	1490	0.5	2721638

RDL = Reportable Detection Limit

Maxxam Job #: A861391
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-2
Site Reference: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		M64656	M64657		M64658	M64659	M64660	M64661		M64662		
Sampling Date		2008/11/04	2008/11/04		2008/11/04	2008/11/04	2008/11/04	2008/11/04		2008/11/04		
	Units	**X24A-96**	**X24D-96**	**RDL**	**X25A-96**	**X25B-96**	**P03-04-02**	**P03-04-04**	**RDL**	**P03-04-06**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS												
Dissolved Aluminum (Al)	mg/L	0.006	0.004	0.001	0.0020	0.0009	0.0034	0.0013	0.0002	<0.004	0.004	2727408
Dissolved Antimony (Sb)	mg/L	<0.0001	<0.0001	0.0001	0.00005	<0.00002	0.00002	<0.00002	0.00002	<0.0004	0.0004	2727408
Dissolved Arsenic (As)	mg/L	0.0002	0.0003	0.0001	0.00017	0.00053	0.00025	0.00555	0.00002	0.0150	0.0004	2727408
Dissolved Barium (Ba)	mg/L	0.0215	0.0207	0.0001	0.0457	0.0273	0.0148	0.0511	0.00002	0.0073	0.0004	2727408
Dissolved Beryllium (Be)	mg/L	<0.00005	<0.00005	0.00005	<0.00001	<0.00001	0.00002	<0.00001	0.00001	<0.0002	0.0002	2727408
Dissolved Bismuth (Bi)	mg/L	<0.00003	<0.00003	0.00003	<0.000005	<0.000005	<0.000005	<0.000005	0.000005	<0.0001	0.0001	2727408
Dissolved Boron (B)	mg/L	<0.3	<0.3	0.3	<0.05	<0.05	<0.05	<0.05	0.05	<1	1	2727408
Dissolved Cadmium (Cd)	mg/L	0.00118	0.00292	0.00003	0.000151	0.000021	0.00190	<0.000005	0.000005	<0.0001	0.0001	2727408
Dissolved Chromium (Cr)	mg/L	<0.0005	<0.0005	0.0005	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.002	0.002	2727408
Dissolved Cobalt (Co)	mg/L	0.0779	0.0858	0.00003	0.00659	0.000212	0.102	0.00285	0.000005	0.0310	0.0001	2727408
Dissolved Copper (Cu)	mg/L	0.0019	0.0022	0.0003	0.00209	0.00011	0.00016	<0.00005	0.00005	<0.001	0.001	2727408
Dissolved Iron (Fe)	mg/L	4.17	0.011	0.005	0.006	0.770	0.211	5.51	0.001	1250	0.02	2727408
Dissolved Lead (Pb)	mg/L	0.00003	0.00009	0.00003	0.000034	0.000014	0.000053	0.000027	0.000005	0.0003	0.0001	2727408
Dissolved Lithium (Li)	mg/L	0.015	0.027	0.003	0.0036	0.0090	0.0148	0.0085	0.0005	0.04	0.01	2727408
Dissolved Manganese (Mn)	mg/L	43.7	62.4	0.0003	7.10	0.186	29.0	4.70	0.00005	9.39	0.001	2727408
Dissolved Mercury (Hg)	mg/L	<0.00005	<0.00005	0.00005	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	<0.0002	0.0002	2727408
Dissolved Molybdenum (Mo)	mg/L	<0.0003	0.0004	0.0003	0.00149	0.00040	0.00014	0.00162	0.00005	<0.001	0.001	2727408
Dissolved Nickel (Ni)	mg/L	0.0679	0.278	0.0001	0.00534	0.00063	0.147	0.00166	0.00002	0.0703	0.0004	2727408
Dissolved Phosphorus (P)	mg/L	<0.01	<0.01	0.01	0.002	0.006	<0.002	0.013	0.002	<0.04	0.04	2727408
Dissolved Selenium (Se)	mg/L	<0.0002	<0.0002	0.0002	0.00004	<0.00004	<0.00004	<0.00004	0.00004	<0.0008	0.0008	2727408
Dissolved Silicon (Si)	mg/L	10.3	10.1	0.5	5.4	4.4	9.2	4.2	0.1	8	2	2727408
Dissolved Silver (Ag)	mg/L	<0.00003	<0.00003	0.00003	<0.000005	<0.000005	<0.000005	<0.000005	0.000005	<0.0001	0.0001	2727408
Dissolved Strontium (Sr)	mg/L	1.36	1.83	0.0003	0.464	0.444	0.617	0.414	0.00005	2.25	0.001	2727408
Dissolved Thallium (Tl)	mg/L	0.00004	0.00018	0.00001	0.000016	0.000006	0.000021	<0.000002	0.000002	<0.00004	0.00004	2727408
Dissolved Tin (Sn)	mg/L	<0.00005	<0.00005	0.00005	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	<0.0002	0.0002	2727408
Dissolved Titanium (Ti)	mg/L	0.005	0.005	0.003	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	<0.01	0.01	2727408
Dissolved Uranium (U)	mg/L	0.00863	0.00610	0.00001	0.00905	0.00583	0.000633	0.00275	0.000002	0.00250	0.00004	2727408
Dissolved Vanadium (V)	mg/L	<0.001	<0.001	0.001	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	<0.004	0.004	2727408
Dissolved Zinc (Zn)	mg/L	0.0194	0.0846	0.0005	0.0020	0.0002	0.0344	0.0017	0.0001	1.40	0.002	2727408
Dissolved Zirconium (Zr)	mg/L	<0.0005	<0.0005	0.0005	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	<0.002	0.002	2727408
Dissolved Calcium (Ca)	mg/L	485	659	0.05	170	174	237	154	0.05	444	0.2	2729898
Dissolved Magnesium (Mg)	mg/L	108	140	0.05	37.7	29.1	49.6	21.2	0.05	92.2	0.2	2729898
Dissolved Potassium (K)	mg/L	6.12	7.35	0.05	4.02	3.21	3.50	2.87	0.05	9.3	0.2	2729898
Dissolved Sodium (Na)	mg/L	32.6	45.3	0.05	23.7	45.5	21.9	85.6	0.05	94.0	0.2	2729898
Dissolved Sulphur (S)	mg/L	514	723	3	140	142	272	163	3	1150	10	2729898

RDL = Reportable Detection Limit

Maxxam Job #: A861391
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-2
Site Reference: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		M64663		M64664	M64665		M64666		
Sampling Date		2008/11/04		2008/11/04	2008/11/04		2008/11/04		
	Units	**P03-08-02**	**RDL**	**P03-08-03**	**P03-08-04**	**RDL**	**P03-08-05**	**RDL**	**QC Batch**
Misc. Inorganics									
Dissolved Hardness (CaCO3)	mg/L	291	0.5	463	706	0.5	911	0.5	2721638

RDL = Reportable Detection Limit

Maxxam Job #: A861391
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-2
Site Reference: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		M64663		M64664	M64665		M64666		
Sampling Date		2008/11/04		2008/11/04	2008/11/04		2008/11/04		
	Units	**P03-08-02**	**RDL**	**P03-08-03**	**P03-08-04**	**RDL**	**P03-08-05**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS									
Dissolved Aluminum (Al)	mg/L	0.004	0.001	0.0047	0.0059	0.0002	0.026	0.001	2727408
Dissolved Antimony (Sb)	mg/L	<0.0001	0.0001	0.00007	0.00007	0.00002	0.0003	0.0001	2727408
Dissolved Arsenic (As)	mg/L	0.0004	0.0001	0.00038	0.00066	0.00002	0.0028	0.0001	2727408
Dissolved Barium (Ba)	mg/L	0.172	0.0001	0.166	0.0217	0.00002	0.0141	0.0001	2727408
Dissolved Beryllium (Be)	mg/L	<0.00005	0.00005	<0.00001	0.00002	0.00001	0.00007	0.00005	2727408
Dissolved Bismuth (Bi)	mg/L	<0.00003	0.00003	<0.000005	<0.000005	0.000005	<0.00003	0.00003	2727408
Dissolved Boron (B)	mg/L	<0.3	0.3	<0.05	<0.05	0.05	<0.3	0.3	2727408
Dissolved Cadmium (Cd)	mg/L	<0.00003	0.00003	0.000027	<0.000005	0.000005	<0.00003	0.00003	2727408
Dissolved Chromium (Cr)	mg/L	<0.0005	0.0005	<0.0001	0.0010	0.0001	0.0018	0.0005	2727408
Dissolved Cobalt (Co)	mg/L	0.00056	0.00003	0.000329	0.000560	0.000005	0.00106	0.00003	2727408
Dissolved Copper (Cu)	mg/L	0.0014	0.0003	0.00347	0.00005	0.00005	<0.0003	0.0003	2727408
Dissolved Iron (Fe)	mg/L	0.021	0.005	0.069	49.5	0.001	76.7	0.005	2727408
Dissolved Lead (Pb)	mg/L	0.00004	0.00003	0.000043	0.000211	0.000005	0.00058	0.00003	2727408
Dissolved Lithium (Li)	mg/L	<0.003	0.003	0.0030	0.0052	0.0005	0.009	0.003	2727408
Dissolved Manganese (Mn)	mg/L	2.93	0.0003	8.04	3.48	0.00005	6.25	0.0003	2727408
Dissolved Mercury (Hg)	mg/L	<0.00005	0.00005	<0.00001	<0.00001	0.00001	<0.00005	0.00005	2727408
Dissolved Molybdenum (Mo)	mg/L	0.0012	0.0003	0.00426	0.00725	0.00005	0.0029	0.0003	2727408
Dissolved Nickel (Ni)	mg/L	0.0252	0.0001	0.0309	0.00075	0.00002	0.0040	0.0001	2727408
Dissolved Phosphorus (P)	mg/L	<0.01	0.01	0.003	0.004	0.002	0.02	0.01	2727408
Dissolved Selenium (Se)	mg/L	<0.0002	0.0002	0.00007	0.00007	0.00004	0.0004	0.0002	2727408
Dissolved Silicon (Si)	mg/L	2.7	0.5	5.9	5.8	0.1	10.2	0.5	2727408
Dissolved Silver (Ag)	mg/L	<0.00003	0.00003	<0.000005	<0.000005	0.000005	<0.00003	0.00003	2727408
Dissolved Strontium (Sr)	mg/L	0.282	0.0003	0.481	0.536	0.00005	0.651	0.0003	2727408
Dissolved Thallium (Tl)	mg/L	0.00002	0.00001	0.000014	<0.000002	0.000002	<0.00001	0.00001	2727408
Dissolved Tin (Sn)	mg/L	<0.00005	0.00005	<0.00001	<0.00001	0.00001	<0.00005	0.00005	2727408
Dissolved Titanium (Ti)	mg/L	0.003	0.003	<0.0005	<0.0005	0.0005	0.005	0.003	2727408
Dissolved Uranium (U)	mg/L	0.00397	0.00001	0.00507	0.0107	0.000002	0.00095	0.00001	2727408
Dissolved Vanadium (V)	mg/L	<0.001	0.001	<0.0002	<0.0002	0.0002	0.003	0.001	2727408
Dissolved Zinc (Zn)	mg/L	0.0012	0.0005	0.0034	0.0029	0.0001	0.0094	0.0005	2727408
Dissolved Zirconium (Zr)	mg/L	<0.0005	0.0005	0.0003	0.0005	0.0001	0.0030	0.0005	2727408
Dissolved Calcium (Ca)	mg/L	78.3	0.05	132	203	0.05	266	0.05	2729898
Dissolved Magnesium (Mg)	mg/L	23.3	0.05	32.3	48.4	0.05	60.0	0.05	2729898
Dissolved Potassium (K)	mg/L	1.11	0.05	2.15	3.34	0.05	12.1	0.05	2729898
Dissolved Sodium (Na)	mg/L	4.96	0.05	12.5	46.2	0.05	107	0.05	2729898
Dissolved Sulphur (S)	mg/L	24	3	72	181	3	308	3	2729898

RDL = Reportable Detection Limit

Maxxam Job #: A861391
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-2
Site Reference: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		M64667	M64668	M64669	M64670	M64671	M64672		
Sampling Date		2008/11/04	2008/11/04	2008/11/04	2008/11/04	2008/11/04	2008/11/04		
	Units	**P03-09-02**	**P03-09-04**	**P03-09-06**	**P03-09-07**	**P03-09-08**	**P03-09-09**	**RDL**	**QC Batch**
Misc. Inorganics									
Dissolved Hardness (CaCO3)	mg/L	620	806	855	1010	1010	955	0.5	2721638

RDL = Reportable Detection Limit

Maxxam Job #: A861391
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-2
Site Reference: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		M64667	M64668	M64669	M64670	M64671	M64672		
Sampling Date		2008/11/04	2008/11/04	2008/11/04	2008/11/04	2008/11/04	2008/11/04		
	Units	**P03-09-02**	**P03-09-04**	**P03-09-06**	**P03-09-07**	**P03-09-08**	**P03-09-09**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS									
Dissolved Aluminum (Al)	mg/L	0.0026	0.0008	0.0011	0.0015	0.0009	0.0009	0.0002	2727408
Dissolved Antimony (Sb)	mg/L	<0.00002	0.00005	0.00005	0.00005	0.00005	0.00005	0.00002	2727408
Dissolved Arsenic (As)	mg/L	0.00152	0.00010	0.00009	0.00008	0.00008	0.00011	0.00002	2727408
Dissolved Barium (Ba)	mg/L	0.0359	0.0496	0.0659	0.0487	0.0489	0.0472	0.00002	2727408
Dissolved Beryllium (Be)	mg/L	0.00003	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	2727408
Dissolved Bismuth (Bi)	mg/L	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	0.000005	2727408
Dissolved Boron (B)	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	2727408
Dissolved Cadmium (Cd)	mg/L	<0.000005	0.000475	0.000469	0.000750	0.000792	0.000640	0.000005	2727408
Dissolved Chromium (Cr)	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	2727408
Dissolved Cobalt (Co)	mg/L	0.000095	0.00447	0.00129	0.00189	0.00193	0.00352	0.000005	2727408
Dissolved Copper (Cu)	mg/L	0.00006	0.00023	0.00023	0.00021	0.00020	0.00025	0.00005	2727408
Dissolved Iron (Fe)	mg/L	8.23	0.013	0.013	0.015	0.013	0.048	0.001	2727408
Dissolved Lead (Pb)	mg/L	0.000527	0.000006	0.000023	0.000023	0.000011	0.000035	0.000005	2727408
Dissolved Lithium (Li)	mg/L	0.0363	0.0128	0.0170	0.0143	0.0140	0.0141	0.0005	2727408
Dissolved Manganese (Mn)	mg/L	0.377	7.89	8.01	10.9	10.9	9.92	0.00005	2727408
Dissolved Mercury (Hg)	mg/L	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	2727408
Dissolved Molybdenum (Mo)	mg/L	0.00052	0.00093	0.00152	0.00144	0.00139	0.00138	0.00005	2727408
Dissolved Nickel (Ni)	mg/L	0.00019	0.0139	0.0112	0.0148	0.0147	0.0141	0.00002	2727408
Dissolved Phosphorus (P)	mg/L	0.019	<0.002	<0.002	0.002	<0.002	0.002	0.002	2727408
Dissolved Selenium (Se)	mg/L	<0.00004	<0.00004	<0.00004	0.00004	<0.00004	<0.00004	0.00004	2727408
Dissolved Silicon (Si)	mg/L	6.7	5.3	6.1	5.2	4.2	3.9	0.1	2727408
Dissolved Silver (Ag)	mg/L	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	0.000005	2727408
Dissolved Strontium (Sr)	mg/L	0.916	0.681	0.780	0.764	0.794	0.728	0.00005	2727408
Dissolved Thallium (Tl)	mg/L	<0.000002	0.000013	0.000014	0.000018	0.000018	0.000005	0.000002	2727408
Dissolved Tin (Sn)	mg/L	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001	0.00001	2727408
Dissolved Titanium (Ti)	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	2727408
Dissolved Uranium (U)	mg/L	0.00183	0.00823	0.00744	0.00907	0.00886	0.00876	0.000002	2727408
Dissolved Vanadium (V)	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0002	2727408
Dissolved Zinc (Zn)	mg/L	0.0008	0.0019	0.0014	0.0023	0.0019	0.0021	0.0001	2727408
Dissolved Zirconium (Zr)	mg/L	0.0006	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	2727408
Dissolved Calcium (Ca)	mg/L	168	244	255	304	303	289	0.05	2729898
Dissolved Magnesium (Mg)	mg/L	48.8	47.6	53.0	61.0	60.7	56.9	0.05	2729898
Dissolved Potassium (K)	mg/L	3.35	4.32	4.58	4.99	4.93	4.84	0.05	2729898
Dissolved Sodium (Na)	mg/L	40.2	32.7	35.5	37.5	36.6	36.0	0.05	2729898
Dissolved Sulphur (S)	mg/L	143	216	238	294	290	270	3	2729898

RDL = Reportable Detection Limit

Maxxam Job #: A861391
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-2
Site Reference: FARO MINE

LOW LEVEL DISSOLVED METALS - WATER (WATER) Comments

Sample	M64656-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M64657-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M64662-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M64663-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M64666-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M64662-01 Na, K, Ca, Mg, S by CRC ICPMS (diss.): Detection limits raised due to sample matrix.

Maxxam Job #: A861391
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-2
Site Reference: FARO MINE

QUALITY ASSURANCE REPORT

			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2727408	Dissolved Arsenic (As)	2008/11/13	102	75 - 125	96	75 - 125	<0.00002	mg/L	2.6	25
2727408	Dissolved Beryllium (Be)	2008/11/13	106	75 - 125	98	75 - 125	<0.00001	mg/L	NC	25
2727408	Dissolved Cadmium (Cd)	2008/11/13	102	75 - 125	97	75 - 125	<0.000005	mg/L	4.0	25
2727408	Dissolved Chromium (Cr)	2008/11/13	105	75 - 125	98	75 - 125	<0.0001	mg/L	NC	25
2727408	Dissolved Cobalt (Co)	2008/11/13	101	75 - 125	99	75 - 125	<0.000005	mg/L	0.4	25
2727408	Dissolved Copper (Cu)	2008/11/13	106	75 - 125	104	75 - 125	<0.00005	mg/L	0.3	25
2727408	Dissolved Lead (Pb)	2008/11/13	101	75 - 125	100	75 - 125	<0.000005	mg/L	0	25
2727408	Dissolved Lithium (Li)	2008/11/13	106	75 - 125	98	75 - 125	<0.0005	mg/L	4.7	25
2727408	Dissolved Nickel (Ni)	2008/11/13	NC	75 - 125	100	75 - 125	<0.00002	mg/L	1.3	25
2727408	Dissolved Selenium (Se)	2008/11/13	112	75 - 125	111	75 - 125	<0.00004	mg/L	NC	25
2727408	Dissolved Uranium (U)	2008/11/13	NC	75 - 125	100	75 - 125	<0.000002	mg/L	1.5	25
2727408	Dissolved Vanadium (V)	2008/11/13	105	75 - 125	94	75 - 125	<0.0002	mg/L	NC	25
2727408	Dissolved Zinc (Zn)	2008/11/13	95	75 - 125	104	75 - 125	<0.0001	mg/L	8.2	25
2727408	Dissolved Aluminum (Al)	2008/11/13					<0.0002	mg/L	3.0	25
2727408	Dissolved Antimony (Sb)	2008/11/13					<0.00002	mg/L	NC	25
2727408	Dissolved Barium (Ba)	2008/11/13					<0.00002	mg/L	0.8	25
2727408	Dissolved Bismuth (Bi)	2008/11/13					<0.000005	mg/L	NC	25
2727408	Dissolved Boron (B)	2008/11/13					<0.05	mg/L	NC	25
2727408	Dissolved Iron (Fe)	2008/11/13					<0.001	mg/L	5.6	25
2727408	Dissolved Manganese (Mn)	2008/11/13					<0.00005	mg/L	0.6	25
2727408	Dissolved Mercury (Hg)	2008/11/13					<0.00001	mg/L	NC	25
2727408	Dissolved Molybdenum (Mo)	2008/11/13					<0.00005	mg/L	0.5	25
2727408	Dissolved Phosphorus (P)	2008/11/13					<0.002	mg/L	NC	25
2727408	Dissolved Silicon (Si)	2008/11/13					<0.1	mg/L	15.6	25
2727408	Dissolved Silver (Ag)	2008/11/13					<0.000005	mg/L	NC	25
2727408	Dissolved Strontium (Sr)	2008/11/13					<0.00005	mg/L	0.2	25
2727408	Dissolved Thallium (Tl)	2008/11/13					<0.000002	mg/L	9.9	25
2727408	Dissolved Tin (Sn)	2008/11/13					<0.00001	mg/L	NC	25
2727408	Dissolved Titanium (Ti)	2008/11/13					<0.0005	mg/L	NC	25
2727408	Dissolved Zirconium (Zr)	2008/11/13					<0.0001	mg/L	NC	25
2727529	Conductivity	2008/11/12			101	80 - 120	<1	uS/cm	0	25
2727531	Alkalinity (Total as CaCO3)	2008/11/12	103	80 - 120	97	80 - 120	<0.5	mg/L	16.0	25
2729898	Dissolved Calcium (Ca)	2008/11/13					<0.05	mg/L	0.08	25
2729898	Dissolved Magnesium (Mg)	2008/11/13					<0.05	mg/L	0.9	25
2729898	Dissolved Potassium (K)	2008/11/13					<0.05	mg/L	0.1	25
2729898	Dissolved Sodium (Na)	2008/11/13					<0.05	mg/L	0.2	25
2729898	Dissolved Sulphur (S)	2008/11/13					<3	mg/L	0.07	25
2732547	Dissolved Chloride (Cl)	2008/11/13	109	80 - 120	99	80 - 120	<0.5	mg/L	NC	20

Maxxam Job #: A861391
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80632-2
Site Reference: FARO MINE

QUALITY ASSURANCE REPORT

			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2732564	Dissolved Sulphate (SO4)	2008/11/13	NC	75 - 125	89	80 - 120	<0.5	mg/L	4.3	20
2738484	Dissolved Sulphate (SO4)	2008/11/15	108	75 - 125	94	80 - 120	0.9, RDL=0.5	mg/L	6.1	20

N/A = Not Applicable
NC = Non-calculable
RDL = Reportable Detection Limit
RPD = Relative Percent Difference

Maxxam Analytics Inc

8577 Commerce Court, Burnaby, British Columbia Canada V5A 4N5
Tel:(604) 444-4808 Toll-free:(800) 440-4808 Fax:(604) 444-4511 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

Page 1 of 2

INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#2448 GARTNER LEE LTD.	Company Name:		Quotation #:	A80323	MAXXAM JOB #:	BOTTLE ORDER #:
Contact Name:	Kai Woloshyn	Contact Name:		P.O. #:		A861391	29686
Address:	2251 - 2nd AVENUE	Address:		Project #:	80632-2	CHAIN OF CUSTODY #:	PROJECT MANAGER:
	WHITEHORSE YT Y1A 5W1			Project Name:		C#29686-03-01	ROB MACARTHUR
Phone:	(867)633-6474 Fax: (867)633-6321	Phone:	Fax:	Site Location:	FARO MINE		
Email:	kwoloshyn@gartnerlee.com, sgladwin@gartnerlee.c	Email:		Sampled By:			

REGULATORY CRITERIA: CCME

SPECIAL INSTRUCTIONS: ultra low level metals

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

SAMPLES MUST BE KEPT COOL (< 10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM

ANALYSIS REQUESTED (Please be specific):

TURNAROUND TIME (TAT) REQUIRED:

PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS

Regular (Standard) TAT: ☒
(will be applied if Rush TAT is not specified):
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission) ☐
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ *(call lab for #)*

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved metals	General Chemistry (pH, conductivity, alkalinity, Chloride, sulphate, hardness) ion balance	# of Bottles	Comments
1		X24A-96	Nov. 4, '08	Water	N	Y	X	X	2	
2		X24B-96								
3		X25A-96								
4		X25B-96								
5		P03-04-02								
6		P03-04-04								
7		P03-04-06								
8		P03-08-02								
9		P03-08-03								
10		P03-04-04								

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Woloshyn	08/11/06	10:30			16:25

Laboratory Use Only

Time Sensitive	Temperature (°C) on Receipt	Condition of Sample on Receipt	Custody Seal Intact on Cooler?
☐	6.1, 6.5	☐ OK ☐ SIF	☐ Yes ☐ No

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

Maxxam Analytics Inc

8577 Commerce Court, Burnaby, British Columbia Canada V5A 4N5
Tel:(604) 444-4808 Toll-free:(800) 440-4808 Fax:(604) 444-4511 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

Page 2 of 2

INVOICE INFORMATION:		REPORT INFORMATION (if differs from invoice):		PROJECT INFORMATION:		Laboratory Use Only:	
Company Name:	#2448 GARTNER LEE LTD.	Company Name:		Quotation #:	A80323	MAXXAM JOB #:	BOTTLE ORDER #: 29686
Contact Name:	Kai Woloshyn	Contact Name:		P.O. #:			
Address:	2251 - 2nd AVENUE WHITEHORSE YT Y1A 5W1	Address:		Project #:	08632-2	CHAIN OF CUSTODY #:	PROJECT MANAGER:
Phone:	(867)633-6474 Fax: (867)633-6321	Phone:	Fax:	Project Name:		C#29686-01-01	ROB MACARTHUR
Email:	kwoloshyn@gartnerlee.com, sgladwin@gartnerlee.c	Email:		Site Location:	FARO MINE		
				Sampled By:			

REGULATORY CRITERIA: CCME

SPECIAL INSTRUCTIONS: ultra low level metals

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

SAMPLES MUST BE KEPT COOL (10°C) FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM

ANALYSIS REQUESTED (Please be specific):

TURNAROUND TIME (TAT) REQUIRED:

PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS

Regular (Standard) TAT: ☒
(will be applied if Rush TAT is not specified):
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission) ☐
Date Required: _____ Time Required: _____
Rush Confirmation Number: _____ *(call lab for #)*

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	General Chemistry	CpH, Conductivity	alkalinity, chloride	sulphate, hardness, ion balance					# of Bottles	Comments
1		P03-08-05	Nov 4, 08	Water	N	N	X	X								2	
2		P03-09-02															
3		P03-09-04															
4		P03-09-06															
5		P03-09-07															
6		P03-09-08															
7		P03-09-09															
8																	
9																	
10																	

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Woloshyn	08/11/06	10:30			

Laboratory Use Only

Time Sensitive	Temperature (°C) on Receipt	Condition of Sample on Receipt	Custody Seal Intact on Cooler?
☐		☐ OK ☐ SIF	☐ Yes ☐ No

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

Your Project #: 80633-1
Site#: FARO
Site: FARO
Your C.O.C. #: 38471-02

Attention: Kai Woloshyn
GARTNER LEE
2251 - 2nd AVENUE
WHITEHORSE, YT
CANADA Y1A 5W1

Report Date: 2008/11/17

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: A861469
Received: 2008/11/07, 16:25

Sample Matrix: Water
Samples Received: 10

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Alkalinity - Water	10	2008/11/12	2008/11/12	BRN SOP-00264 R2.0	Based on SM2320B
Chloride by Automated Colourimetry	10	N/A	2008/11/13	BRN-SOP 00234 R1.0	Based on EPA 325.2
Conductance - water	10	N/A	2008/11/12	BRN SOP-00264 R2.0	Based on SM-2510B
Hardness (calculated as CaCO3)	3	N/A	2008/11/13		
Hardness (calculated as CaCO3)	7	N/A	2008/11/14		
Ion Balance	10	N/A	2008/11/14		
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	3	N/A	2008/11/13	BRN SOP-00206	Based on EPA 200.8
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	7	N/A	2008/11/14	BRN SOP-00206	Based on EPA 200.8
Elements by ICPMS Low Level (dissolved) (1)	3	N/A	2008/11/13	BRN SOP-00206	Based on EPA 200.8
Elements by ICPMS Low Level (dissolved) (1)	7	N/A	2008/11/14	BRN SOP-00206	Based on EPA 200.8
Filter and HNO3 Preserve for Metals	10	N/A	2008/11/13	BRN WI-00006 R1.0	Based on EPA 200.2
pH Water	10	N/A	2008/11/12	BRN SOP-00264 R2.0	Based on SM-4500H+B
Sulphate by Automated Colourimetry	10	N/A	2008/11/13	BRN-SOP 00243 R1.0	Based on EPA 375.4

* Results relate only to the items tested.

(1) SCC/CAEAL

Encryption Key

Please direct all questions regarding this Certificate of Analysis to your Project Manager.

ROB MACARTHUR, BBY Customer Service
Email: rob.macarthur@maxxamanalytics.com
Phone# (604) 444-4808 Ext:253

==========

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. SCC and CALA have approved this reporting process and electronic report format.

Total cover pages: 1

Maxxam Job #: A861469
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80633-1
Site Reference: FARO

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		M65513		M65514	M65515		M65516		M65517		
Sampling Date		2008/11/03		2008/11/03	2008/11/03		2008/11/03		2008/11/03		
	Units	**SRK05-SP4A**	**RDL**	**SRK05-SP4B**	**SRK05-SP5**	**QC Batch**	**SRK05-SP6**	**QC Batch**	**S1A**	**RDL**	**QC Batch**
Preparation											
Filter and HNO3 Preservation	N/A	FIELD	N/A	FIELD	FIELD	ONSITE	FIELD	ONSITE	FIELD	N/A	ONSITE
Calculated Parameters											
Ion Balance	N/A	1.1	0.01	0.98	0.98	2725306	1.0	2725306	0.94	0.01	2725306
Misc. Inorganics											
Alkalinity (Total as CaCO3)	mg/L	270	0.5	200	190	2727531	190	2727531	150	0.5	2727531
Anions											
Dissolved Sulphate (SO4)	mg/L	190	5	5600	6100	2732564	1200	2738484	6100	50	2732564
Dissolved Chloride (Cl)	mg/L	1.4	0.5	7.4	6.7	2732547	0.9	2732547	5.7	0.5	2732547
Physical Properties											
Conductivity	uS/cm	820	1	6300	6700	2727529	2300	2727529	6600	1	2727529
pH	pH Units	6.7		6.8	6.9	2727413	7.7	2727413	6.9		2727413

Maxxam ID		M65518		M65519	M65520	M65521	M65522		
Sampling Date		2008/11/03		2008/11/03	2008/11/03	2008/11/03	2008/11/03		
	Units	**S1B**	**QC Batch**	**S2A**	**S2B**	**S2C**	**S3**	**RDL**	**QC Batch**
Preparation									
Filter and HNO3 Preservation	N/A	FIELD	ONSITE	FIELD	FIELD	FIELD	FIELD	N/A	ONSITE
Calculated Parameters									
Ion Balance	N/A	1.0	2725306	1.1	0.98	0.92	0.96	0.01	2725306
Misc. Inorganics									
Alkalinity (Total as CaCO3)	mg/L	93	2727531	190	140	180	170	0.5	2727531
Anions									
Dissolved Sulphate (SO4)	mg/L	500	2738484	5000	5900	5700	5900	50	2732564
Dissolved Chloride (Cl)	mg/L	0.9	2732547	6.8	7.4	7.0	7.5	0.5	2732547
Physical Properties									
Conductivity	uS/cm	1100	2727529	6400	6600	6500	6600	1	2727529
pH	pH Units	7.1	2727413	6.9	6.7	6.9	6.9		2727413

N/A = Not Applicable
RDL = Reportable Detection Limit

Maxxam Job #: A861469
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80633-1
Site Reference: FARO

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		M65513		M65514	M65515			M65516		M65517		
Sampling Date		2008/11/03		2008/11/03	2008/11/03			2008/11/03		2008/11/03		
	Units	**SRK05-SP4A**	**RDL**	**SRK05-SP4B**	**SRK05-SP5**	**RDL**	**QC Batch**	**SRK05-SP6**	**RDL**	**S1A**	**RDL**	**QC Batch**
Misc. Inorganics												
Dissolved Hardness (CaCO3)	mg/L	446	0.5	5130	5590	0.5	2721638	1350	0.5	5410	0.5	2721638

RDL = Reportable Detection Limit

Maxxam Job #: A861469
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80633-1
Site Reference: FARO

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		M65513		M65514	M65515			M65516		M65517		
Sampling Date		2008/11/03		2008/11/03	2008/11/03			2008/11/03		2008/11/03		
	Units	**SRK05-SP4A**	**RDL**	**SRK05-SP4B**	**SRK05-SP5**	**RDL**	**QC Batch**	**SRK05-SP6**	**RDL**	**S1A**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS												
Dissolved Aluminum (Al)	mg/L	0.0367	0.0002	0.15	0.24	0.01	2727408	0.012	0.001	0.05	0.01	2730132
Dissolved Antimony (Sb)	mg/L	0.00011	0.00002	<0.001	<0.001	0.001	2727408	<0.0001	0.0001	<0.001	0.001	2730132
Dissolved Arsenic (As)	mg/L	0.00283	0.00002	0.001	<0.001	0.001	2727408	0.0003	0.0001	0.002	0.001	2730132
Dissolved Barium (Ba)	mg/L	0.0265	0.00002	0.019	0.020	0.001	2727408	0.0225	0.0001	0.020	0.001	2730132
Dissolved Beryllium (Be)	mg/L	0.00094	0.00001	<0.0005	<0.0005	0.0005	2727408	<0.00005	0.00005	<0.0005	0.0005	2730132
Dissolved Bismuth (Bi)	mg/L	<0.000005	0.000005	<0.0003	<0.0003	0.0003	2727408	<0.00003	0.00003	<0.0003	0.0003	2730132
Dissolved Boron (B)	mg/L	<0.05	0.05	<3	<3	3	2727408	<0.3	0.3	<3	3	2730132
Dissolved Cadmium (Cd)	mg/L	0.000070	0.000005	0.101	0.0440	0.0003	2727408	0.00006	0.00003	0.0257	0.0003	2730132
Dissolved Chromium (Cr)	mg/L	<0.0001	0.0001	<0.005	<0.005	0.005	2727408	<0.0005	0.0005	<0.005	0.005	2730132
Dissolved Cobalt (Co)	mg/L	0.0105	0.000005	0.0302	0.0593	0.0003	2727408	0.00060	0.00003	0.0300	0.0003	2730132
Dissolved Copper (Cu)	mg/L	0.00053	0.00005	0.012	0.006	0.003	2727408	0.0009	0.0003	0.004	0.003	2730132
Dissolved Iron (Fe)	mg/L	20.6	0.001	0.05	<0.05	0.05	2727408	<0.005	0.005	0.07	0.05	2730132
Dissolved Lead (Pb)	mg/L	0.000072	0.000005	<0.0003	<0.0003	0.0003	2727408	0.00004	0.00003	0.0004	0.0003	2730132
Dissolved Lithium (Li)	mg/L	0.0621	0.0005	0.14	0.16	0.03	2727408	0.022	0.003	0.18	0.03	2730132
Dissolved Manganese (Mn)	mg/L	1.20	0.00005	94.7	92.9	0.003	2727408	0.0491	0.0003	67.3	0.003	2730132
Dissolved Mercury (Hg)	mg/L	<0.00001	0.00001	<0.0005	<0.0005	0.0005	2727408	0.00006	0.00005	<0.0005	0.0005	2730132
Dissolved Molybdenum (Mo)	mg/L	0.00010	0.00005	<0.003	<0.003	0.003	2727408	<0.0003	0.0003	<0.003	0.003	2730132
Dissolved Nickel (Ni)	mg/L	0.0226	0.00002	2.46	2.30	0.001	2727408	0.0069	0.0001	2.00	0.001	2730132
Dissolved Phosphorus (P)	mg/L	0.002	0.002	<0.1	<0.1	0.1	2727408	<0.01	0.01	<0.1	0.1	2730132
Dissolved Selenium (Se)	mg/L	<0.00004	0.00004	<0.002	<0.002	0.002	2727408	0.0004	0.0002	<0.002	0.002	2730132
Dissolved Silicon (Si)	mg/L	8.2	0.1	13	12	5	2727408	4.9	0.5	12	5	2730132
Dissolved Silver (Ag)	mg/L	<0.000005	0.000005	0.0004	<0.0003	0.0003	2727408	<0.00003	0.00003	<0.0003	0.0003	2730132
Dissolved Strontium (Sr)	mg/L	0.528	0.00005	1.99	2.03	0.003	2727408	0.916	0.0003	2.28	0.003	2730132
Dissolved Thallium (Tl)	mg/L	<0.000002	0.000002	<0.0001	<0.0001	0.0001	2727408	0.00007	0.00001	<0.0001	0.0001	2730132
Dissolved Tin (Sn)	mg/L	0.00001	0.00001	<0.0005	<0.0005	0.0005	2727408	<0.00005	0.00005	<0.0005	0.0005	2730132
Dissolved Titanium (Ti)	mg/L	<0.0005	0.0005	<0.03	<0.03	0.03	2727408	0.005	0.003	0.04	0.03	2730132
Dissolved Uranium (U)	mg/L	0.000642	0.000002	0.0077	0.0063	0.0001	2727408	0.00508	0.00001	0.0061	0.0001	2730132
Dissolved Vanadium (V)	mg/L	<0.0002	0.0002	<0.01	<0.01	0.01	2727408	<0.001	0.001	<0.01	0.01	2730132
Dissolved Zinc (Zn)	mg/L	1.03	0.0001	368	367	0.005	2727408	0.0083	0.0005	288	0.005	2730132
Dissolved Zirconium (Zr)	mg/L	<0.0001	0.0001	<0.005	<0.005	0.005	2727408	<0.0005	0.0005	<0.005	0.005	2730132
Dissolved Calcium (Ca)	mg/L	111	0.05	481	492	0.5	2729898	356	0.05	565	0.5	2734256
Dissolved Magnesium (Mg)	mg/L	40.8	0.05	954	1060	0.5	2729898	112	0.05	971	0.5	2734256
Dissolved Potassium (K)	mg/L	4.62	0.05	12.0	12.6	0.5	2729898	4.33	0.05	12.4	0.5	2734256
Dissolved Sodium (Na)	mg/L	9.48	0.05	30.5	42.3	0.5	2729898	56.0	0.05	46.8	0.5	2734256
Dissolved Sulphur (S)	mg/L	74	3	1930	2150	30	2729898	457	3	2100	30	2734256

RDL = Reportable Detection Limit

Maxxam Job #: A861469
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80633-1
Site Reference: FARO

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		M65518		M65519	M65520	M65521	M65522		
Sampling Date		2008/11/03		2008/11/03	2008/11/03	2008/11/03	2008/11/03		
	Units	**S1B**	**RDL**	**S2A**	**S2B**	**S2C**	**S3**	**RDL**	**QC Batch**
Misc. Inorganics									
Dissolved Hardness (CaCO3)	mg/L	557	0.5	4990	5230	4900	5210	0.5	2721638

RDL = Reportable Detection Limit

Maxxam Job #: A861469
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80633-1
Site Reference: FARO

LOW LEVEL DISSOLVED METALS - WATER (WATER)

Maxxam ID		M65518		M65519	M65520	M65521	M65522		
Sampling Date		2008/11/03		2008/11/03	2008/11/03	2008/11/03	2008/11/03		
	Units	**S1B**	**RDL**	**S2A**	**S2B**	**S2C**	**S3**	**RDL**	**QC Batch**
Dissolved Metals by ICPMS									
Dissolved Aluminum (Al)	mg/L	0.022	0.001	0.05	0.04	0.04	0.08	0.01	2730132
Dissolved Antimony (Sb)	mg/L	0.0002	0.0001	<0.001	<0.001	<0.001	<0.001	0.001	2730132
Dissolved Arsenic (As)	mg/L	0.0004	0.0001	0.002	0.002	0.002	0.005	0.001	2730132
Dissolved Barium (Ba)	mg/L	0.0230	0.0001	0.016	0.030	0.015	0.027	0.001	2730132
Dissolved Beryllium (Be)	mg/L	<0.00005	0.00005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	2730132
Dissolved Bismuth (Bi)	mg/L	<0.00003	0.00003	<0.0003	<0.0003	<0.0003	<0.0003	0.0003	2730132
Dissolved Boron (B)	mg/L	<0.3	0.3	<3	<3	<3	<3	3	2730132
Dissolved Cadmium (Cd)	mg/L	0.00031	0.00003	0.0348	0.0323	0.0327	0.0150	0.0003	2730132
Dissolved Chromium (Cr)	mg/L	<0.0005	0.0005	0.048	<0.005	<0.005	<0.005	0.005	2730132
Dissolved Cobalt (Co)	mg/L	0.00010	0.00003	0.0279	0.0326	0.0275	0.0349	0.0003	2730132
Dissolved Copper (Cu)	mg/L	0.0038	0.0003	0.007	<0.003	0.005	<0.003	0.003	2730132
Dissolved Iron (Fe)	mg/L	0.025	0.005	2.82	36.7	0.95	1.03	0.05	2730132
Dissolved Lead (Pb)	mg/L	0.00015	0.00003	0.0005	<0.0003	<0.0003	0.0012	0.0003	2730132
Dissolved Lithium (Li)	mg/L	0.011	0.003	0.14	0.14	0.14	0.16	0.03	2730132
Dissolved Manganese (Mn)	mg/L	0.0199	0.0003	84.0	88.8	83.0	107	0.003	2730132
Dissolved Mercury (Hg)	mg/L	<0.00005	0.00005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	2730132
Dissolved Molybdenum (Mo)	mg/L	<0.0003	0.0003	0.023	<0.003	0.003	<0.003	0.003	2730132
Dissolved Nickel (Ni)	mg/L	0.0089	0.0001	3.84	2.20	2.10	2.51	0.001	2730132
Dissolved Phosphorus (P)	mg/L	<0.01	0.01	0.2	<0.1	<0.1	<0.1	0.1	2730132
Dissolved Selenium (Se)	mg/L	<0.0002	0.0002	0.002	<0.002	<0.002	0.002	0.002	2730132
Dissolved Silicon (Si)	mg/L	7.0	0.5	13	12	12	14	5	2730132
Dissolved Silver (Ag)	mg/L	<0.00003	0.00003	<0.0003	<0.0003	<0.0003	<0.0003	0.0003	2730132
Dissolved Strontium (Sr)	mg/L	0.440	0.0003	1.99	2.15	1.95	1.89	0.003	2730132
Dissolved Thallium (Tl)	mg/L	<0.00001	0.00001	<0.0001	<0.0001	<0.0001	<0.0001	0.0001	2730132
Dissolved Tin (Sn)	mg/L	<0.00005	0.00005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	2730132
Dissolved Titanium (Ti)	mg/L	0.004	0.003	<0.03	0.03	0.03	0.04	0.03	2730132
Dissolved Uranium (U)	mg/L	0.00014	0.00001	0.0056	0.0006	0.0051	0.0010	0.0001	2730132
Dissolved Vanadium (V)	mg/L	<0.001	0.001	<0.01	<0.01	<0.01	<0.01	0.01	2730132
Dissolved Zinc (Zn)	mg/L	0.0528	0.0005	325	375	329	422	0.005	2730132
Dissolved Zirconium (Zr)	mg/L	<0.0005	0.0005	<0.005	<0.005	<0.005	<0.005	0.005	2730132
Dissolved Calcium (Ca)	mg/L	156	0.5	514	519	501	462	0.5	2734256
Dissolved Magnesium (Mg)	mg/L	40.9	0.5	901	954	885	984	0.5	2734256
Dissolved Potassium (K)	mg/L	1.9	0.5	11.7	11.3	11.3	12.3	0.5	2734256
Dissolved Sodium (Na)	mg/L	33.5	0.5	30.2	34.6	29.7	28.8	0.5	2734256
Dissolved Sulphur (S)	mg/L	192	30	1900	2080	1930	2090	30	2734256

RDL = Reportable Detection Limit

Maxxam Job #: A861469
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80633-1
Site Reference: FARO

LOW LEVEL DISSOLVED METALS - WATER (WATER) Comments

Sample	M65514-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M65515-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M65516-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M65517-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M65518-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M65519-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M65520-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M65521-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M65522-01 Elements by ICPMS Low Level (dissolved): Detection limits raised due to sample matrix.
Sample	M65514-01 Na, K, Ca, Mg, S by CRC ICPMS (diss.): Detection limits raised due to sample matrix.
Sample	M65515-01 Na, K, Ca, Mg, S by CRC ICPMS (diss.): Detection limits raised due to sample matrix.
Sample	M65517-01 Na, K, Ca, Mg, S by CRC ICPMS (diss.): Detection limits raised due to sample matrix.
Sample	M65518-01 Na, K, Ca, Mg, S by CRC ICPMS (diss.): Detection limits raised due to sample matrix.
Sample	M65519-01 Na, K, Ca, Mg, S by CRC ICPMS (diss.): Detection limits raised due to sample matrix.
Sample	M65520-01 Na, K, Ca, Mg, S by CRC ICPMS (diss.): Detection limits raised due to sample matrix.
Sample	M65521-01 Na, K, Ca, Mg, S by CRC ICPMS (diss.): Detection limits raised due to sample matrix.
Sample	M65522-01 Na, K, Ca, Mg, S by CRC ICPMS (diss.): Detection limits raised due to sample matrix.

Maxxam Job #: A861469
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80633-1
Site Reference: FARO

QUALITY ASSURANCE REPORT

			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2727408	Dissolved Arsenic (As)	2008/11/13	102	75 - 125	96	75 - 125	<0.00002	mg/L	2.6	25
2727408	Dissolved Beryllium (Be)	2008/11/13	106	75 - 125	98	75 - 125	<0.00001	mg/L	NC	25
2727408	Dissolved Cadmium (Cd)	2008/11/13	102	75 - 125	97	75 - 125	<0.000005	mg/L	4.0	25
2727408	Dissolved Chromium (Cr)	2008/11/13	105	75 - 125	98	75 - 125	<0.0001	mg/L	NC	25
2727408	Dissolved Cobalt (Co)	2008/11/13	101	75 - 125	99	75 - 125	<0.000005	mg/L	0.4	25
2727408	Dissolved Copper (Cu)	2008/11/13	106	75 - 125	104	75 - 125	<0.00005	mg/L	0.3	25
2727408	Dissolved Lead (Pb)	2008/11/13	101	75 - 125	100	75 - 125	<0.000005	mg/L	0	25
2727408	Dissolved Lithium (Li)	2008/11/13	106	75 - 125	98	75 - 125	<0.0005	mg/L	4.7	25
2727408	Dissolved Nickel (Ni)	2008/11/13	NC	75 - 125	100	75 - 125	<0.00002	mg/L	1.3	25
2727408	Dissolved Selenium (Se)	2008/11/13	112	75 - 125	111	75 - 125	<0.00004	mg/L	NC	25
2727408	Dissolved Uranium (U)	2008/11/13	NC	75 - 125	100	75 - 125	<0.000002	mg/L	1.5	25
2727408	Dissolved Vanadium (V)	2008/11/13	105	75 - 125	94	75 - 125	<0.0002	mg/L	NC	25
2727408	Dissolved Zinc (Zn)	2008/11/13	95	75 - 125	104	75 - 125	<0.0001	mg/L	8.2	25
2727408	Dissolved Aluminum (Al)	2008/11/13					<0.0002	mg/L	3.0	25
2727408	Dissolved Antimony (Sb)	2008/11/13					<0.00002	mg/L	NC	25
2727408	Dissolved Barium (Ba)	2008/11/13					<0.00002	mg/L	0.8	25
2727408	Dissolved Bismuth (Bi)	2008/11/13					<0.000005	mg/L	NC	25
2727408	Dissolved Boron (B)	2008/11/13					<0.05	mg/L	NC	25
2727408	Dissolved Iron (Fe)	2008/11/13					<0.001	mg/L	5.6	25
2727408	Dissolved Manganese (Mn)	2008/11/13					<0.00005	mg/L	0.6	25
2727408	Dissolved Mercury (Hg)	2008/11/13					<0.00001	mg/L	NC	25
2727408	Dissolved Molybdenum (Mo)	2008/11/13					<0.00005	mg/L	0.5	25
2727408	Dissolved Phosphorus (P)	2008/11/13					<0.002	mg/L	NC	25
2727408	Dissolved Silicon (Si)	2008/11/13					<0.1	mg/L	15.6	25
2727408	Dissolved Silver (Ag)	2008/11/13					<0.000005	mg/L	NC	25
2727408	Dissolved Strontium (Sr)	2008/11/13					<0.00005	mg/L	0.2	25
2727408	Dissolved Thallium (Tl)	2008/11/13					<0.000002	mg/L	9.9	25
2727408	Dissolved Tin (Sn)	2008/11/13					<0.00001	mg/L	NC	25
2727408	Dissolved Titanium (Ti)	2008/11/13					<0.0005	mg/L	NC	25
2727408	Dissolved Zirconium (Zr)	2008/11/13					<0.0001	mg/L	NC	25
2727529	Conductivity	2008/11/13			101	80 - 120	<1	uS/cm	0.2	25
2727531	Alkalinity (Total as CaCO3)	2008/11/13	103	80 - 120	97	80 - 120	<0.5	mg/L	1.3	25
2729898	Dissolved Calcium (Ca)	2008/11/13					<0.05	mg/L	0.08	25
2729898	Dissolved Magnesium (Mg)	2008/11/13					<0.05	mg/L	0.9	25
2729898	Dissolved Potassium (K)	2008/11/13					<0.05	mg/L	0.1	25
2729898	Dissolved Sodium (Na)	2008/11/13					<0.05	mg/L	0.2	25
2729898	Dissolved Sulphur (S)	2008/11/13					<3	mg/L	0.07	25
2730132	Dissolved Arsenic (As)	2008/11/14	101	75 - 125	95	75 - 125	<0.00002	mg/L		
2730132	Dissolved Beryllium (Be)	2008/11/14	105	75 - 125	99	75 - 125	<0.00001	mg/L		
2730132	Dissolved Cadmium (Cd)	2008/11/14	100	75 - 125	98	75 - 125	<0.000005	mg/L		

Maxxam Job #: A861469
Report Date: 2008/11/17

GARTNER LEE
Client Project #: 80633-1
Site Reference: FARO

QUALITY ASSURANCE REPORT

			Matrix Spike		Spike		Blank		RPD	
QC Batch	Parameter	Date	% Recovery	QC Limits	% Recovery	QC Limits	Value	Units	Value (%)	QC Limits
2730132	Dissolved Chromium (Cr)	2008/11/14	102	75 - 125	97	75 - 125	<0.0001	mg/L		
2730132	Dissolved Cobalt (Co)	2008/11/14	100	75 - 125	96	75 - 125	<0.000005	mg/L		
2730132	Dissolved Copper (Cu)	2008/11/14	NC	75 - 125	102	75 - 125	<0.00005	mg/L	1.2	25
2730132	Dissolved Lead (Pb)	2008/11/14	104	75 - 125	101	75 - 125	<0.000005	mg/L		
2730132	Dissolved Lithium (Li)	2008/11/14	110	75 - 125	100	75 - 125	<0.0005	mg/L		
2730132	Dissolved Nickel (Ni)	2008/11/14	100	75 - 125	97	75 - 125	<0.00002	mg/L		
2730132	Dissolved Selenium (Se)	2008/11/14	NC	75 - 125	100	75 - 125	<0.00004	mg/L		
2730132	Dissolved Uranium (U)	2008/11/14	111	75 - 125	102	75 - 125	<0.000002	mg/L		
2730132	Dissolved Vanadium (V)	2008/11/14	102	75 - 125	92	75 - 125	<0.0002	mg/L		
2730132	Dissolved Zinc (Zn)	2008/11/14	NC	75 - 125	100	75 - 125	<0.0001	mg/L		
2730132	Dissolved Aluminum (Al)	2008/11/14					<0.0002	mg/L		
2730132	Dissolved Antimony (Sb)	2008/11/14					<0.00002	mg/L		
2730132	Dissolved Barium (Ba)	2008/11/14					<0.00002	mg/L		
2730132	Dissolved Bismuth (Bi)	2008/11/14					<0.000005	mg/L		
2730132	Dissolved Boron (B)	2008/11/14					<0.05	mg/L		
2730132	Dissolved Iron (Fe)	2008/11/14					<0.001	mg/L		
2730132	Dissolved Manganese (Mn)	2008/11/14					<0.00005	mg/L		
2730132	Dissolved Mercury (Hg)	2008/11/14					0.00002, RDL=0.00001	mg/L		
2730132	Dissolved Molybdenum (Mo)	2008/11/14					<0.00005	mg/L		
2730132	Dissolved Phosphorus (P)	2008/11/14					<0.002	mg/L		
2730132	Dissolved Silicon (Si)	2008/11/14					<0.1	mg/L		
2730132	Dissolved Silver (Ag)	2008/11/14					<0.000005	mg/L		
2730132	Dissolved Strontium (Sr)	2008/11/14					<0.00005	mg/L		
2730132	Dissolved Thallium (Tl)	2008/11/14					<0.000002	mg/L		
2730132	Dissolved Tin (Sn)	2008/11/14					<0.00001	mg/L		
2730132	Dissolved Titanium (Ti)	2008/11/14					<0.0005	mg/L		
2730132	Dissolved Zirconium (Zr)	2008/11/14					<0.0001	mg/L		
2732547	Dissolved Chloride (Cl)	2008/11/13	109	80 - 120	99	80 - 120	<0.5	mg/L	0.6	20
2732564	Dissolved Sulphate (SO4)	2008/11/13	NC	75 - 125	89	80 - 120	<0.5	mg/L	4.3	20
2734256	Dissolved Calcium (Ca)	2008/11/14					<0.05	mg/L	4.1	25
2734256	Dissolved Magnesium (Mg)	2008/11/14					<0.05	mg/L	2.0	25
2734256	Dissolved Potassium (K)	2008/11/14					<0.05	mg/L	0.6	25
2734256	Dissolved Sodium (Na)	2008/11/14					<0.05	mg/L	2.3	25
2734256	Dissolved Sulphur (S)	2008/11/14					<3	mg/L	0.4	25
2738484	Dissolved Sulphate (SO4)	2008/11/15	108	75 - 125	94	80 - 120	0.9, RDL=0.5	mg/L	6.1	20

N/A = Not Applicable
NC = Non-calculable
RDL = Reportable Detection Limit
RPD = Relative Percent Difference

Maxxam Analytics

Maxxam Analytics International Corporation o/a Maxxam Analytics
8577 Commerce Court, Burnaby, British Columbia Canada V5A 4N5 Tel:(604) 444-4808 Toll-free:(800) 440-4808 Fax:(604) 444-4511 www.maxxamanalytics.com

CHAIN OF CUSTODY RECORD

Page 1 of 1

INVOICE INFORMATION:

Company Name: #2448 AECOM
Contact Name: Kai Woloshyn
Address: 2251 - 2nd AVENUE
WHITEHORSE YT Y1A 5W1
Phone: (867)633-6474 Fax: (867)633-6321
Email: kai.woloshyn@aecom.com

REPORT INFORMATION (if differs from invoice):

Company Name:
Contact Name:
Address:
Phone: Fax:
Email:

PROJECT INFORMATION:

Quotation #: A80323
P.O. #:
Project #: 80633-1
Project Name:
Site Location: FARO
Sampled By:

Laboratory Use Only:

MAXXAM JOB #: A861469
BOTTLE ORDER #: 38471
CHAIN OF CUSTODY #: C#38471-02-01
PROJECT MANAGER: ROB MACARTHUR

REGULATORY CRITERIA: CCME

SPECIAL INSTRUCTIONS: ultra low level Metals

Note: For regulated drinking water samples - please use the Drinking Water Chain of Custody Form

SAMPLES MUST BE KEPT [illegible] FROM TIME OF SAMPLING UNTIL DELIVERY TO MAXXAM

ANALYSIS REQUESTED (Please be specific):

TURNAROUND TIME (TAT) REQUIRED:

PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS

Regular (Standard) TAT: ☒
(will be applied if Rush TAT is not specified):
Standard TAT = 5-7 Working days for most tests.
Please note: Standard TAT for certain tests such as BOD and Dioxins/Furans are > 5 days - contact your Project Manager for details.

Job Specific Rush TAT (if applies to entire submission)
Date Required: Time Required: ☐
Rush Confirmation Number: (call lab for #)

	Sample Barcode Label	Sample (Location) Identification	Date Sampled	Matrix	Regulated Drinking Water? (Y/N)	Metals Field Filtered? (Y/N)	Dissolved Metals	General Chemistry	pH, conductivity, alkalinity, chloride, sulphate, hardness, ion balance							# of Bottles	Comments
1		SRK05-SP4A	Nov 3 '08	Water	N	Y										2	
2		SRK05-SP4B															
3		SRK05-SP5															
4		SRK05-SP6															
5		S1A															
6		S1B															
7		S2A															
8		S2B															
9		S2C															
10		S3															

*RELINQUISHED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:	RECEIVED BY: (Signature/Print)	Date: (YY/MM/DD)	Time:
Kai Woloshyn	08/11/06	10:50		07/11/04	16:25

Laboratory Use Only

Time Sensitive	Temperature (°C) on Receipt	Condition of Sample on Receipt	Custody Seal Intact on Cooler?
☐	4, 4, 4	☐ OK ☐ SIF	☐ Yes ☐ No

* IT IS THE RESPONSIBILITY OF THE RELINQUISHER TO ENSURE THE ACCURACY OF THE CHAIN OF CUSTODY RECORD. AN INCOMPLETE CHAIN OF CUSTODY MAY RESULT IN ANALYTICAL TAT DELAYS.

White: Maxxam Yellow: Client

Appendix B

Quality Assurance and Quality Control (QA/QC) of Samples

Appendix B-1. Summary of 2008 QA/QC Field Replicates (ALS)

ALS File No.	L636549	L636549		L636549	L636549		L636549	L636549		L639489	L639489	
Date Received	02-Jun-08	02-Jun-08		02-Jun-08	02-Jun-08		02-Jun-08	02-Jun-08		09-Jun-08	09-Jun-08	
Date	20-Jun-08	20-Jun-08		20-Jun-08	20-Jun-08		20-Jun-08	20-Jun-08		19-Jun-08	19-Jun-08	
RESULTS OF ANALYSIS	**Sample**	**Replicate**	**RPD%**	**Sample**	**Replicate**	**RPD%**	**Sample**	**Replicate**	**RPD%**	**Sample**	**Replicate**	**RPD%**
Sample ID	**P01-02B**	**P01-02B-S**		**P05-02**	**P05-02-S**		**SRK05-SP-5**	**SRK05-SP-5-R**		**X21A-96**	**X21R-96**	
Date Sampled	27-May-08	27-May-08		29-May-08	29-May-08		28-May-08	28-May-08		05-Jun-08	05-Jun-08	
Time Sampled	00:00	00:00		00:00	00:00		00:00	00:00		00:00	00:00	
ALS Sample ID	L636549-6	L636549-7		L636549-9	L636549-10		L636549-15	L636549-16		L639489-12	L639489-13	
Physical Tests												
Hardness (as CaCO3)	274	272	0.73%	1380	1380	0.00%	5040	4990	1.00%	2400	2380	0.84%
Conductivity	534	535	0.19%	2360	2370	0.42%	6520	6520	0.00%	10800	10500	2.82%
pH	8.13	8.14	0.12%	7.58	7.59	0.13%	6.75	6.75	0.00%	4.48	4.35	2.94%
Anions and Nutrients												
Alkalinity, Total (as CaCO3)	214	191	11.36%	334	354	5.81%	239	239	0.00%	<2.0	<2.0	n/c
Chloride (Cl)	<0.50	<0.50	n/c	<5.0	<5.0	n/c	<50	<50	n/c	<2500	<2500	n/c
Sulfate (SO4)	92.2	92.8	0.65%	1190	1180	0.84%	5220	5290	1.33%	9800	10100	3.02%
Dissolved Metals												
Aluminum (Al)-Dissolved	<0.0050	<0.0050	n/c	<0.025	<0.025	n/c	<0.50	<0.50	n/c	<0.50	<0.50	n/c
Antimony (Sb)-Dissolved	<0.00050	<0.00050	n/c	<0.0025	<0.0025	n/c	<0.050	<0.050	n/c	<0.050	<0.050	n/c
Arsenic (As)-Dissolved	0.00485	0.00484	0.21%	0.0033	0.0034	2.99%	<0.050	<0.050	n/c	<0.050	<0.050	n/c
Barium (Ba)-Dissolved	0.035	0.034	2.90%	0.04	0.04	0.00%	<0.040	<0.040	n/c	<0.10	<0.10	n/c
Beryllium (Be)-Dissolved	<0.0010	<0.0010	n/c	<0.0050	<0.0050	n/c	<0.10	<0.10	n/c	<0.10	<0.10	n/c
Boron (B)-Dissolved	<0.10	<0.10	n/c	<0.10	<0.10	n/c	<0.20	<0.20	n/c	<0.50	<0.50	n/c
Cadmium (Cd)-Dissolved	<0.000017	<0.000017	n/c	0.000281	0.000296	5.20%	0.0349	0.0373	6.65%	<0.0017	<0.0017	n/c
Calcium (Ca)-Dissolved	67.7	66.9	1.19%	415	418	0.72%	496	493	0.61%	275	273	0.73%
Chromium (Cr)-Dissolved	<0.0010	<0.0010	n/c	<0.0050	<0.0050	n/c	<0.10	<0.10	n/c	<0.10	<0.10	n/c
Cobalt (Co)-Dissolved	<0.00030	<0.00030	n/c	0.0091	0.0092	1.09%	0.053	0.057	7.27%	<0.030	<0.030	n/c
Copper (Cu)-Dissolved	<0.0010	<0.0010	n/c	<0.0050	<0.0050	n/c	<0.10	<0.10	n/c	<0.10	<0.10	n/c
Iron (Fe)-Dissolved	0.771	0.761	1.31%	4.44	4.46	0.45%	0.111	0.078	34.92%	4720	4760	0.84%
Lead (Pb)-Dissolved	<0.00050	<0.00050	n/c	<0.0025	<0.0025	n/c	<0.050	<0.050	n/c	<0.050	<0.050	n/c
Lithium (Li)-Dissolved	0.0055	0.0061	10.34%	<0.025	<0.025	n/c	<0.50	<0.50	n/c	<0.50	<0.50	n/c
Magnesium (Mg)-Dissolved	25.6	25.5	0.39%	82.7	81.8	1.09%	924	912	1.31%	416	413	0.72%
Manganese (Mn)-Dissolved	0.111	0.111	0.00%	16.2	15.7	3.13%	101	109	7.62%	278	270	2.92%
Mercury (Hg)-Dissolved	<0.000020	<0.000020	n/c	<0.000020	<0.000020	n/c	<0.000020	<0.000020	n/c	<0.000020	<0.000020	n/c
Molybdenum (Mo)-Dissolved	<0.0010	<0.0010	n/c	<0.0050	<0.0050	n/c	<0.10	<0.10	n/c	<0.10	<0.10	n/c
Nickel (Ni)-Dissolved	<0.0010	<0.0010	n/c	0.0086	0.0094	8.89%	2.28	2.51	9.60%	<0.10	<0.10	n/c
Potassium (K)-Dissolved	2.2	2.1	4.65%	6.5	6.5	0.00%	11.7	11.9	1.69%	<10	<10	n/c
Selenium (Se)-Dissolved	<0.0010	<0.0010	n/c	<0.0050	<0.0050	n/c	<0.10	<0.10	n/c	<0.10	<0.10	n/c
Silver (Ag)-Dissolved	<0.000020	<0.000020	n/c	<0.00010	<0.00010	n/c	<0.0020	<0.0020	n/c	<0.0020	<0.0020	n/c
Sodium (Na)-Dissolved	9.2	9.1	1.09%	43.3	44.1	1.83%	30.7	30.7	0.00%	64	64	0.00%
Thallium (Tl)-Dissolved	<0.00020	<0.00020	n/c	<0.0010	<0.0010	n/c	<0.020	<0.020	n/c	<0.020	<0.020	n/c
Tin (Sn)-Dissolved	<0.00050	<0.00050	n/c	<0.0025	<0.0025	n/c	<0.050	<0.050	n/c	<0.050	<0.050	n/c
Titanium (Ti)-Dissolved	<0.010	<0.010	n/c	<0.010	<0.010	n/c	<0.020	<0.020	n/c	<0.050	<0.050	n/c
Uranium (U)-Dissolved	0.00229	0.00221	3.56%	0.0048	0.0047	2.11%	<0.020	<0.020	n/c	<0.020	<0.020	n/c
Vanadium (V)-Dissolved	<0.0010	<0.0010	n/c	<0.0050	<0.0050	n/c	<0.10	<0.10	n/c	<0.10	<0.10	n/c
Zinc (Zn)-Dissolved	0.0057	<0.0050	n/c	0.0371	0.0348	6.40%	291	294	1.03%	29.5	28	5.22%

"n/c" *Not able to be calculated, because one or both values not precisely known*

does not satisfy PQL, therefore RPD not useful

PQL satisfied

Appendix B-1. Summary of 2008 QA/QC Field Replicates (ALS)

ALS File No.	L636545	L636545		L636545	L636545		L636548	L636548		L636548	L636548	
Date Received	02-Jun-08	02-Jun-08		02-Jun-08	02-Jun-08		02-Jun-08	02-Jun-08		02-Jun-08	02-Jun-08	
Date	19-Jun-08	19-Jun-08		19-Jun-08	19-Jun-08		07-Jul-08	07-Jul-08		07-Jul-08	07-Jul-08	
RESULTS OF ANALYSIS	**Sample**	**Split**	**RPD%**	**Sample**	**Split**	**RPD%**	**Sample**	**Split**	**RPD%**	**Sample**	**Split**	**RPD%**
Sample ID	**P03-04-03**	**P03-04-X**		**P03-06-03**	**P03-06-X**		**P03-01-02**	**P03-01-X**		**P03-03-04**	**P03-03-X**	
Date Sampled	28-May-08	28-May-08		28-May-08	28-May-08		29-May-08	29-May-08		29-May-08	29-May-08	
Time Sampled	00:00	00:00		00:00	00:00		00:00	00:00		00:00	00:00	
ALS Sample ID	L636545-3	L636545-9		L636545-12	L636545-15		L636548-2	L636548-10		L636548-14	L636548-20	
Physical Tests												
Hardness (as CaCO3)	780	805	3.15%	1920	1920	0.00%	205	188	8.65%	480	479	0.21%
Conductivity	1480	1480	0.00%	3720	3720	0.00%	375	370	1.34%	1130	1120	0.89%
pH	6.97	6.71	3.80%	5.94	5.97	0.50%	8.02	7.58	5.64%	6.39	6.36	0.47%
Anions and Nutrients												
Alkalinity, Total (as CaCO3)	94.4	96.1	1.78%	80.7	52.3	42.71%	156	154	1.29%	80	68.2	15.92%
Chloride (Cl)	-	-	n/c	-	-	n/c	-	-	n/c	-	-	n/c
Sulfate (SO4)	761	735	3.48%	2610	2430	7.14%	36.9	37.9	2.67%	482	498	3.27%
Dissolved Metals												
Aluminum (Al)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Antimony (Sb)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic (As)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Barium (Ba)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium (Be)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Boron (B)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium (Cd)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Calcium (Ca)-Dissolved	227	236	3.89%	519	519	0.00%	65.1	59.4	9.16%	143	143	0.00%
Chromium (Cr)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt (Co)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Copper (Cu)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Iron (Fe)-Dissolved	0.168	0.219	26.36%	328	326	0.61%	0.21	0.191	9.48%	35.9	28.3	23.68%
Lead (Pb)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Lithium (Li)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium (Mg)-Dissolved	51.8	52.5	1.34%	153	152	0.66%	10.3	9.63	6.72%	29.7	29.8	0.34%
Manganese (Mn)-Dissolved	31.9	28.3	11.96%	111	110	0.90%	0.664	0.652	1.82%	41	38.8	5.51%
Mercury (Hg)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Molybdenum (Mo)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Nickel (Ni)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Potassium (K)-Dissolved	3.6	3.7	2.74%	5.4	5.3	1.87%	2.7	2.5	7.69%	3.7	3.7	0.00%
Selenium (Se)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Silver (Ag)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Sodium (Na)-Dissolved	20.3	20.4	0.49%	21	21	0.00%	3.4	3.2	6.06%	30.3	29.7	2.00%
Thallium (Tl)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Tin (Sn)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Titanium (Ti)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Uranium (U)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium (V)-Dissolved	-	-	-	-	-	-	-	-	-	-	-	-
Zinc (Zn)-Dissolved	0.0496	0.0494	0.40%	5.24	5.29	0.9	0.007	<0.0050	n/c	0.623	0.579	7.32%

"n/c" *Not able to be calculated, because one or both values not precisely known*

does not satisfy PQL, therefore RPD not useful

PQL satisfied

Appendix B-2. Summary of 2008 QA/QC Field Replicates (Maxxam)

Maxxam Job #:		A841755	A841755		A841755	A841755	
Report Date:		8/28/2008	8/28/2008		8/28/2008	8/28/2008	
RESULTS OF CHEMICAL ANALYSES OF WATER	**Units**	**Sample**	**Replicate**	**RPD%**	**Sample**	**Split**	**RPD%**
		S1A	**S1C**		**X25A-96**	**X25A-96-S**	
Maxxam ID		L16762	L16763		L16760	L16750	
Sampling Date		8/13/2008	8/13/2008		8/12/2008	8/12/2008	
COC Number		29686-10	29686-10		29686-12	29686-08	
Calculated Parameters							
Ion Balance	n/c	1.0	1.3	26.09%	1.1	1.1	0.00%
Misc. Inorganics							
Dissolved Hardness (CaCO3)	mg/L	5410	6090	11.83%	630	595	5.71%
Alkalinity (Total as CaCO3)	mg/L	210	190	10.00%	270	260	3.77%
Anions							
Dissolved Sulphate (SO4)	mg/L	5200	4600	12.24%	360	350	2.82%
Dissolved Chloride (Cl)	mg/L	6.4	6.4	0.00%	1.0	1.0	0.00%
Physical Properties							
Conductivity	uS/cm	6500	6500	0.00%	1100	1100	0.00%
pH	pH Units	6.9	7.0	1.44%	7.9	7.8	1.27%
Dissolved Metals by ICPMS							
Dissolved Aluminum (Al)	mg/L	0.021	0.021	0.00%	0.0026	0.0024	8.00%
Dissolved Antimony (Sb)	mg/L	<0.0004	<0.0001	n/c	0.00005	0.00005	0.00%
Dissolved Arsenic (As)	mg/L	<0.0004	0.0003	n/c	0.00023	0.00024	4.26%
Dissolved Barium (Ba)	mg/L	0.0171	0.0187	8.94%	0.0424	0.0418	1.43%
Dissolved Beryllium (Be)	mg/L	<0.0002	0.00020	n/c	<0.00001	<0.00001	n/c
Dissolved Bismuth (Bi)	mg/L	<0.0001	<0.00003	n/c	<0.000005	<0.000005	n/c
Dissolved Boron (B)	mg/L	<1	<0.3	n/c	<0.05	<0.05	n/c
Dissolved Cadmium (Cd)	mg/L	0.0238	0.0236	0.84%	0.000124	0.000126	1.60%
Dissolved Calcium (Ca)	mg/L	572	694	19.27%	<0.0001	<0.0001	n/c
Dissolved Chromium (Cr)	mg/L	<0.002	0.0006	n/c	0.00528	0.00554	4.81%
Dissolved Cobalt (Co)	mg/L	0.0365	0.0358	1.94%	0.00060	0.00063	4.88%
Dissolved Copper (Cu)	mg/L	0.005	0.0017	98.51%	0.024	0.028	15.38%
Dissolved Iron (Fe)	mg/L	0.15	0.066	77.78%	0.000115	0.000023	133.33%
Dissolved Lead (Pb)	mg/L	<0.0001	0.00012	n/c	0.0035	0.0035	0.00%
Dissolved Lithium (Li)	mg/L	0.16	0.164	2.47%	6.99	7.05	0.85%
Dissolved Magnesium (Mg)	mg/L	967	1060	9.18%	<0.00001	<0.00001	n/c
Dissolved Manganese (Mn)	mg/L	85.2	95.3	11.19%	0.00216	0.00218	0.92%
Dissolved Mercury (Hg)	mg/L	<0.0002	<0.00005	n/c	0.00425	0.00446	4.82%
Dissolved Molybdenum (Mo)	mg/L	<0.001	<0.0003	n/c	0.002	0.002	0.00%
Dissolved Nickel (Ni)	mg/L	1.81	1.87	3.26%	<0.00004	0.00004	n/c
Dissolved Phosphorus (P)	mg/L	<0.04	<0.01	n/c	6.8	8.4	21.05%
Dissolved Potassium (K)	mg/L	12.4	15.3	20.94%	<0.000005	<0.000005	n/c
Dissolved Selenium (Se)	mg/L	<0.0008	0.0002	n/c	0.453	0.461	1.75%
Dissolved Silicon (Si)	mg/L	11	13.7	21.86%	0.000016	0.000016	0.00%
Dissolved Silver (Ag)	mg/L	0.0002	0.00010	66.67%	<0.00001	<0.00001	n/c
Dissolved Sodium (Na)	mg/L	40.2	39.2	2.52%	<0.0005	<0.0005	n/c
Dissolved Strontium (Sr)	mg/L	2.10	2.37	12.08%	0.0104	0.0103	0.97%
Dissolved Sulphur (S)	mg/L	2050	2390	15.32%	<0.0002	<0.0002	n/c
Dissolved Thallium (Tl)	mg/L	<0.00004	0.00002	n/c	0.0019	0.0020	5.13%
Dissolved Tin (Sn)	mg/L	<0.0002	<0.00005	n/c	0.0001	0.0001	0.00%
Dissolved Titanium (Ti)	mg/L	<0.01	0.005	n/c	186	175	6.09%
Dissolved Uranium (U)	mg/L	0.00901	0.00871	3.39%	40.3	38.3	5.09%
Dissolved Vanadium (V)	mg/L	<0.004	<0.001	n/c	4.58	4.65	1.52%
Dissolved Zinc (Zn)	mg/L	270	254	6.11%	27.4	25.7	6.40%
Dissolved Zirconium (Zr)	mg/L	<0.002	<0.0005	n/c	142	135	5.05%

"n/c" *Not able to be calculated, because one or both values not precisely known*

does not satisfy PQL, therefore RPD not useful

PQL satisfied

Appendix B-2. Summary of 2008 QA/QC Field Replicates (Maxxam)

Maxxam Job #:		A849801	A849801		A849801	A849801		A849801	A849801	
Report Date:		2008/10/03	2008/10/03		2008/10/03	2008/10/03		2008/10/03	2008/10/03	
RESULTS OF CHEMICAL ANALYSES OF WATER	**Units**	**Sample**	**Replicate**	**RPD%**	**Sample**	**Replicate**	**RPD%**	**Sample**	**Replicate**	**RPD%**
		X25B-96	**X25C-96**		**X21A-96**	**X21C-96**		**BH8**	**BH8A**	
Maxxam ID		L76354	L76355		L76348	L76350		L76304	L76305	
Sampling Date		9/16/2008	9/16/2008		9/17/2008	9/17/2008		9/18/2008	9/19/2008	
COC Number		29686-13	29686-13		29686-13	29686-13		29686-04	29686-04	
Calculated Parameters										
Ion Balance	n/c	1.1	1.0	9.52%	1.1	1.1	0.00%	0.83	0.78	6.21%
Misc. Inorganics										
Dissolved Hardness (CaCO3)	mg/L	625	596	4.75%	2610	2610	0.00%	1540	1720	11.04%
Alkalinity (Total as CaCO3)	mg/L	250	250	0.00%	<0.5	<0.5	n/c	<0.5	<0.5	n/c
Anions										
Dissolved Sulphate (SO4)	mg/L	430	430	0.00%	12000	13000	8.00%	3200	4000	22.22%
Dissolved Chloride (Cl)	mg/L	1.5	1.4	6.90%	<0.5	<0.5	n/c	0.9	0.9	0.00%
Physical Properties										
Conductivity	uS/cm	1200	1200	0.00%	12000	12000	0.00%	4200	4700	11.24%
pH	pH Units	8.2	8.2	0.00%	3.3	3.4	2.99%	3.1	3.7	17.65%
Dissolved Metals by ICPMS										
Dissolved Aluminum (Al)	mg/L	0.0010	0.0007	35.29%	0.09	0.10	10.53%	8.93	30.9	110.32%
Dissolved Antimony (Sb)	mg/L	0.00002	0.00003	40.00%	<0.002	<0.002	n/c	0.0005	0.0006	18.18%
Dissolved Arsenic (As)	mg/L	0.00058	0.00059	1.71%	0.008	0.009	11.76%	0.0032	0.0060	60.87%
Dissolved Barium (Ba)	mg/L	0.0267	0.0281	5.11%	0.004	0.004	0.00%	0.0109	0.0144	27.67%
Dissolved Beryllium (Be)	mg/L	<0.00001	<0.00001	n/c	0.003	0.002	40.00%	0.0088	0.0290	106.88%
Dissolved Bismuth (Bi)	mg/L	<0.000005	<0.000005	n/c	<0.0005	<0.0005	n/c	<0.0001	<0.0001	n/c
Dissolved Boron (B)	mg/L	<0.05	<0.05	n/c	<5	<5	n/c	<1	<1	n/c
Dissolved Cadmium (Cd)	mg/L	0.000022	0.000024	8.70%	0.0007	0.0006	15.38%	0.806	1.00	21.48%
Dissolved Calcium (Ca)	mg/L	200	190	5.13%	296	296	0.00%	305	328	7.27%
Dissolved Chromium (Cr)	mg/L	<0.0001	<0.0001	n/c	<0.01	<0.01	n/c	<0.002	0.009	n/c
Dissolved Cobalt (Co)	mg/L	0.000223	0.000229	2.65%	0.0723	0.0708	2.10%	0.607	0.779	24.82%
Dissolved Copper (Cu)	mg/L	0.00012	0.00014	15.38%	<0.005	<0.005	n/c	1.58	6.11	117.82%
Dissolved Iron (Fe)	mg/L	0.781	0.870	10.78%	5780	6010	3.90%	642	800	21.91%
Dissolved Lead (Pb)	mg/L	0.000012	0.000033	93.33%	0.0063	0.0119	61.54%	0.408	1.25	101.57%
Dissolved Lithium (Li)	mg/L	0.0086	0.0089	3.43%	0.12	0.11	8.70%	0.09	0.11	20.00%
Dissolved Magnesium (Mg)	mg/L	30.7	29.4	4.33%	453	454	0.22%	189	218	14.25%
Dissolved Manganese (Mn)	mg/L	0.189	0.180	4.88%	302	300	0.66%	13.4	16.4	20.13%
Dissolved Mercury (Hg)	mg/L	<0.00001	<0.00001	n/c	<0.001	<0.001	n/c	<0.0002	<0.0002	n/c
Dissolved Molybdenum (Mo)	mg/L	0.00038	0.00040	5.13%	<0.005	<0.005	n/c	<0.001	<0.001	n/c
Dissolved Nickel (Ni)	mg/L	0.00072	0.00075	4.08%	0.037	0.031	17.65%	0.556	0.654	16.20%
Dissolved Phosphorus (P)	mg/L	0.006	0.007	15.38%	<0.2	<0.2	n/c	<0.04	<0.04	n/c
Dissolved Potassium (K)	mg/L	3.57	3.43	4.00%	11	11	0.00%	7.7	7.7	0.00%
Dissolved Selenium (Se)	mg/L	<0.00004	<0.00004	n/c	<0.004	<0.004	n/c	0.0010	0.0015	40.00%
Dissolved Silicon (Si)	mg/L	4.0	4.4	9.52%	<10	<10	n/c	4	7	54.55%
Dissolved Silver (Ag)	mg/L	<0.000005	<0.000005	n/c	0.0011	0.0006	58.82%	0.0003	0.0004	28.57%
Dissolved Sodium (Na)	mg/L	49.7	47.3	4.95%	55	54	1.83%	36.4	34.4	5.65%
Dissolved Strontium (Sr)	mg/L	0.420	0.418	0.48%	0.587	0.587	0.00%	1.23	1.26	2.41%
Dissolved Sulphur (S)	mg/L	159	154	3.19%	4250	4300	1.17%	1080	1270	16.17%
Dissolved Thallium (Tl)	mg/L	0.000005	0.000006	18.18%	<0.0002	<0.0002	n/c	0.00752	0.00803	6.56%
Dissolved Tin (Sn)	mg/L	<0.00001	<0.00001	n/c	<0.001	<0.001	n/c	0.0004	<0.0002	n/c
Dissolved Titanium (Ti)	mg/L	<0.0005	<0.0005	n/c	<0.05	<0.05	n/c	0.02	0.03	40.00%
Dissolved Uranium (U)	mg/L	0.00539	0.00557	3.28%	0.0008	0.0009	11.76%	0.0202	0.0818	120.78%
Dissolved Vanadium (V)	mg/L	<0.0002	<0.0002	n/c	<0.02	<0.02	n/c	<0.004	<0.004	n/c
Dissolved Zinc (Zn)	mg/L	0.0002	0.0006	100.00%	60.9	60.9	0.00%	256	321	22.53%
Dissolved Zirconium (Zr)	mg/L	<0.0001	<0.0001	n/c	<0.01	<0.01	n/c	<0.002	<0.002	n/c

"n/c" *Not able to be calculated, because one or both values not precisely known*

does not satisfy PQL, therefore RPD not useful

PQL satisfied

Appendix B-2. Summary of 2008 QA/QC Field Replicates (Maxxam)

Maxxam Job #:		A849801	A849801		A849801	A849801	
Report Date:		2008/10/03	2008/10/03		10/3/2008	10/3/2008	
RESULTS OF CHEMICAL ANALYSES OF WATER	**Units**	**Sample**	**Replicate**	**RPD%**	**Sample**	**Split**	**RPD%**
		P96-7	**P96-7B**		**P03-09-08**	**P03-09-10**	
Maxxam ID		L76320	L76321		L76381	L76383	
Sampling Date		9/19/2008	9/19/2008		9/16/2008	9/16/2008	
COC Number		29686-06	29686-06		29686-07	29686-07	
Calculated Parameters							
Ion Balance	n/c	0.96	1.0	4.08%	1.1	1.1	0.00%
Misc. Inorganics							
Dissolved Hardness (CaCO3)	mg/L	2510	2480	1.20%	893	939	5.02%
Alkalinity (Total as CaCO3)	mg/L	190	190	0.00%	280	290	3.51%
Anions							
Dissolved Sulphate (SO4)	mg/L	2400	2200	8.70%	600	630	4.88%
Dissolved Chloride (Cl)	mg/L	0.9	1.0	10.53%	1.8	1.8	0.00%
Physical Properties							
Conductivity	uS/cm	3400	3300	2.99%	1600	1600	0.00%
pH	pH Units	7.9	7.9	0.00%	8.2	8.2	0.00%
Dissolved Metals by ICPMS							
Dissolved Aluminum (Al)	mg/L	0.001	0.003	100.00%	<0.001	<0.001	n/c
Dissolved Antimony (Sb)	mg/L	0.0001	0.0001	0.00%	<0.0001	<0.0001	n/c
Dissolved Arsenic (As)	mg/L	0.0004	0.0003	28.57%	0.0005	0.0004	22.22%
Dissolved Barium (Ba)	mg/L	0.0149	0.0148	0.67%	0.0440	0.0431	2.07%
Dissolved Beryllium (Be)	mg/L	<0.00005	<0.00005	n/c	<0.00005	<0.00005	n/c
Dissolved Bismuth (Bi)	mg/L	<0.00003	<0.00003	n/c	<0.00003	<0.00003	n/c
Dissolved Boron (B)	mg/L	<0.3	<0.3	n/c	<0.3	<0.3	n/c
Dissolved Cadmium (Cd)	mg/L	0.00004	0.00005	22.22%	0.00017	0.00016	6.06%
Dissolved Calcium (Ca)	mg/L	700	690	1.44%	272	288	5.71%
Dissolved Chromium (Cr)	mg/L	<0.0005	<0.0005	n/c	<0.0005	<0.0005	n/c
Dissolved Cobalt (Co)	mg/L	0.00004	0.00005	22.22%	0.00320	0.00308	3.82%
Dissolved Copper (Cu)	mg/L	0.0005	0.0005	0.00%	<0.0003	<0.0003	n/c
Dissolved Iron (Fe)	mg/L	0.008	0.012	40.00%	0.602	0.606	0.66%
Dissolved Lead (Pb)	mg/L	0.00003	0.00010	107.69%	0.00009	0.00015	50.00%
Dissolved Lithium (Li)	mg/L	0.032	0.032	0.00%	0.013	0.013	0.00%
Dissolved Magnesium (Mg)	mg/L	184	183	0.54%	52.0	53.2	2.28%
Dissolved Manganese (Mn)	mg/L	0.0005	0.0004	22.22%	10.6	10.5	0.95%
Dissolved Mercury (Hg)	mg/L	<0.00005	<0.00005	n/c	<0.00005	<0.00005	n/c
Dissolved Molybdenum (Mo)	mg/L	0.0008	0.0008	0.00%	0.0015	0.0015	0.00%
Dissolved Nickel (Ni)	mg/L	0.0011	0.0010	9.52%	0.0117	0.0115	1.72%
Dissolved Phosphorus (P)	mg/L	<0.01	<0.01	n/c	<0.01	<0.01	n/c
Dissolved Potassium (K)	mg/L	6.07	5.95	2.00%	4.57	4.75	3.86%
Dissolved Selenium (Se)	mg/L	0.0007	0.0006	15.38%	<0.0002	<0.0002	n/c
Dissolved Silicon (Si)	mg/L	5.3	5.2	1.90%	8.3	8.4	1.20%
Dissolved Silver (Ag)	mg/L	0.00005	0.00005	0.00%	<0.00003	<0.00003	n/c
Dissolved Sodium (Na)	mg/L	19.2	20.1	4.58%	33.2	33.5	0.90%
Dissolved Strontium (Sr)	mg/L	0.767	0.766	0.13%	0.666	0.676	1.49%
Dissolved Sulphur (S)	mg/L	840	829	1.32%	251	263	4.67%
Dissolved Thallium (Tl)	mg/L	<0.00001	<0.00001	n/c	<0.00001	<0.00001	n/c
Dissolved Tin (Sn)	mg/L	<0.00005	<0.00005	n/c	<0.00005	<0.00005	n/c
Dissolved Titanium (Ti)	mg/L	0.006	0.006	0.00%	0.009	0.007	25.00%
Dissolved Uranium (U)	mg/L	0.0306	0.0314	2.58%	0.00743	0.00715	3.84%
Dissolved Vanadium (V)	mg/L	<0.001	<0.001	n/c	0.001	<0.001	n/c
Dissolved Zinc (Zn)	mg/L	0.0061	0.0072	16.54%	0.0021	0.0022	4.65%
Dissolved Zirconium (Zr)	mg/L	<0.0005	<0.0005	n/c	<0.0005	<0.0005	n/c

"n/c" *Not able to beNot able to be calculated, because one or both values not precisely known*

does not satisfy PQL, therefore RPD not useful

PQL satisfied

Appendix B-2. Summary of 2008 QA/QC Field Replicates (Maxxam)

Maxxam Job #:		A861389	A861389		A861389	A861389		A861389	A861389	
Report Date:		11/17/2008	11/17/2008		11/17/2008	11/17/2008		11/17/2008	11/17/2008	
RESULTS OF CHEMICAL ANALYSES OF WATER	**Units**	**Sample**	**Replicate**	**RPD%**	**Sample**	**Replicate**	**RPD%**	**Sample**	**Replicate**	**RPD%**
		SRK08-SP7B	**SRK08-SP7C**		**P03-09-07**	**P03-09-08**		**S2A**	**S2C**	
Maxxam ID		M67643	M67644		M64670	M64671		M65519	M65521	
Sampling Date		11/3/2008	11/3/2008		11/4/2008	11/4/2008		11/3/2008	11/3/2008	
COC Number		38471-01	38471-01		29686-03	29686-03		38471-02	38471-02	
Calculated Parameters										
Ion Balance	N/A	0.90	0.99	9.52%	0.95	0.93	2.13%	1.1	0.92	17.82%
Misc. Inorganics										
Dissolved Hardness (CaCO3)	mg/L	4970	5010	0.80%	1010	1010	0.00%	4990	4900	1.82%
Alkalinity (Total as CaCO3)	mg/L	57	52	9.17%	310	310	0.00%	190	180	5.41%
Anions										
Dissolved Sulphate (SO4)	mg/L	5800	5300	9.01%	830	850	2.38%	5000	5700	13.08%
Dissolved Chloride (Cl)	mg/L	6.8	6.7	1.48%	2.0	2.0	0.00%	6.8	7.0	2.90%
Physical Properties										
Conductivity	uS/cm	6400	6300	1.57%	1700	1700	0.00%	6400	6500	1.55%
pH	pH Units	6.7	6.7	0.00%	7.8	7.8	0.00%	6.9	6.9	0.00%
Dissolved Metals by ICPMS										
Dissolved Aluminum (Al)	mg/L	0.077	0.104	29.83%	0.0015	0.0009	50.00%	0.05	0.04	22.22%
Dissolved Antimony (Sb)	mg/L	<0.0004	<0.0004	N/A	0.00005	0.00005	0.00%	<0.001	<0.001	N/A
Dissolved Arsenic (As)	mg/L	0.0130	0.0130	0.00%	0.00008	0.00008	0.00%	0.002	0.002	0.00%
Dissolved Barium (Ba)	mg/L	0.0337	0.0346	2.64%	0.0487	0.0489	0.41%	0.016	0.015	6.45%
Dissolved Beryllium (Be)	mg/L	0.0004	0.0003	28.57%	<0.00001	<0.00001	N/A	<0.0005	<0.0005	N/A
Dissolved Bismuth (Bi)	mg/L	<0.0001	<0.0001	N/A	<0.000005	<0.000005	N/A	<0.0003	<0.0003	N/A
Dissolved Boron (B)	mg/L	<1	<1	N/A	<0.05	<0.05	N/A	<3	<3	N/A
Dissolved Cadmium (Cd)	mg/L	0.0001	<0.0001	N/A	0.000750	0.000792	5.45%	0.0348	0.0327	6.22%
Dissolved Calcium (Ca)	mg/L	468	469	0.21%	304	303	0.33%	514	501	2.56%
Dissolved Chromium (Cr)	mg/L	<0.002	<0.002	N/A	<0.0001	<0.0001	N/A	0.048	<0.005	N/A
Dissolved Cobalt (Co)	mg/L	0.0473	0.0471	0.42%	0.00189	0.00193	2.09%	0.0279	0.0275	1.44%
Dissolved Copper (Cu)	mg/L	<0.001	<0.001	N/A	0.00021	0.00020	4.88%	0.007	0.005	33.33%
Dissolved Iron (Fe)	mg/L	75.2	76.0	1.06%	0.015	0.013	14.29%	2.82	0.95	99.20%
Dissolved Lead (Pb)	mg/L	0.0002	0.0008	120.00%	0.000023	0.000011	70.59%	0.0005	<0.0003	N/A
Dissolved Lithium (Li)	mg/L	0.19	0.19	0.00%	0.0143	0.0140	2.12%	0.14	0.14	0.00%
Dissolved Magnesium (Mg)	mg/L	923	933	1.08%	61.0	60.7	0.49%	901	885	1.79%
Dissolved Manganese (Mn)	mg/L	78.7	79.6	1.14%	10.9	10.9	0.00%	84.0	83.0	1.20%
Dissolved Mercury (Hg)	mg/L	<0.0002	<0.0002	N/A	<0.00001	<0.00001	N/A	<0.0005	<0.0005	N/A
Dissolved Molybdenum (Mo)	mg/L	<0.001	<0.001	N/A	0.00144	0.00139	3.53%	0.023	0.003	153.85%
Dissolved Nickel (Ni)	mg/L	0.310	0.313	0.96%	0.0148	0.0147	0.68%	3.84	2.10	58.59%
Dissolved Phosphorus (P)	mg/L	<0.04	<0.04	N/A	0.002	<0.002	N/A	0.2	<0.1	N/A
Dissolved Potassium (K)	mg/L	12.0	12.0	0.00%	4.99	4.93	1.21%	11.7	11.3	3.48%
Dissolved Selenium (Se)	mg/L	0.0009	<0.0008	N/A	0.00004	<0.00004	N/A	0.002	<0.002	N/A
Dissolved Silicon (Si)	mg/L	15	14	6.90%	5.2	4.2	21.28%	13	12	8.00%
Dissolved Silver (Ag)	mg/L	<0.0001	<0.0001	N/A	<0.000005	<0.000005	N/A	<0.0003	<0.0003	N/A
Dissolved Sodium (Na)	mg/L	32.1	33.3	3.67%	37.5	36.6	2.43%	30.2	29.7	1.67%
Dissolved Strontium (Sr)	mg/L	2.04	2.07	1.46%	0.764	0.794	3.85%	1.99	1.95	2.03%
Dissolved Sulphur (S)	mg/L	1920	1960	2.06%	294	290	1.37%	1900	1930	1.57%
Dissolved Thallium (Tl)	mg/L	<0.00004	<0.00004	N/A	0.000018	0.000018	0.00%	<0.0001	<0.0001	N/A
Dissolved Tin (Sn)	mg/L	<0.0002	<0.0002	N/A	<0.00001	<0.00001	N/A	<0.0005	<0.0005	N/A
Dissolved Titanium (Ti)	mg/L	0.01	0.01	0.00%	<0.0005	<0.0005	N/A	<0.03	0.03	N/A
Dissolved Uranium (U)	mg/L	0.00091	0.00094	3.24%	0.00907	0.00886	2.34%	0.0056	0.0051	9.35%
Dissolved Vanadium (V)	mg/L	<0.004	<0.004	N/A	<0.0002	<0.0002	N/A	<0.01	<0.01	N/A
Dissolved Zinc (Zn)	mg/L	123	125	1.61%	0.0023	0.0019	19.05%	325	329	1.22%
Dissolved Zirconium (Zr)	mg/L	<0.002	<0.002	N/A	<0.0001	<0.0001	N/A	<0.005	<0.005	N/A

"n/c" *Not able to be calculated, because one or both values not precisely known*

does not satisfy PQL, therefore RPD not useful

PQL satisfied

AECOM

Appendix C

2008 Field Memos

AECOM
2251 2nd Avenue, Whitehorse, YT, Canada Y1A 5W1
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Memorandum

Date: Nov 28, 2008
To: Memo to File
From: Elise Babyn
Project Number: 80633-1; 80631-3
Subject: Faro Spring Routine Sampling

The spring routine groundwater sampling event at the Faro Mine site was conducted from May 27th through June 5th, 2008 (last week of May and first week of June) The May sampling was conducted by Gartner Lee (GLL) employees: Kai Woloshyn, Eric Cleveland Jennifer Funston, Marcia Wilson and Kal Shahin. Marcia and Kal came up from the GLL Burnaby office to assist in the sampling. The June sampling was conducted by Kai Woloshyn and Del Klassen with the assistance from the Deloitte & Touch summer student Lovejoy Fullton. Two ATV's and a trailer were rented from MacPherson Rentals in Whitehorse. All GLL employess stayed at the Blue House bed and breakfast while in Faro.

Conditions at Site

The weather in Faro was generally sunny with temperatures averaging approximately 12°C through the duration of the sampling. The tailings were mainly wet and were accessible by truck. Some wells were found to be frozen which are identified under "Field Site and Sampling Issues".

Conventional and Multilevel Wells

A list of conventional and multilevel wells, as well as their corresponding field measurements can be found in Tables 1 and 2 respectively. Water analysis was completed by ALS Environmental in Vancouver, for general chemistry (500 mL) and dissolved metals (150 mL).

QA/QC Samples

Split samples were collected at approximately 10% of the sampling locations. QA/QC samples were taken at wells P01-02B, P05-02, SRK05-SP5, X21A-96, P03-01-02, P03-03-04, P03-04-03, and P03-06-03 and the field data is summarized in Table 3.

Field Site and Sampling Issues

Conventional Wells

P01-03	Frozen; no sample or water level taken
P01-04A	Frozen; no sample or water level taken
P01-04B	Frozen; no sample or water level taken
X24D-96	Frozen; no sample or water level taken
BH8	Not Sampled
BH12A	Well was dry
BH13A	Well was dry
BH13B	Frozen; no sample or water level taken

Multilevel Wells

P03-04-09	Well was dry
P03-06-06	Not Sampled
P03-06-07	Not Sampled

EB

Attachments:

- Table 1: Conventional Wells Sampled in May/June 2008
- Table 2: Multilevel Wells Sampled in May/June 2008
- Table 3: QA/QC Samples for May/June 2008

Table 1. Conventional Wells Sampled in May/June 2008

Station	Date Collected	Time of Sampling	Time of Water Level	Water Level From Top of Casing (m)	Total Purge Volume (L)	pH	Conductivity (µS/cm)	Temperature (°C)	Sample Notes	Samplers
BH05-9BR	29-May-08	16:00	16:10	artesian	165	7.99	605	4.7	flowing @ tube slit/Honda + assist	KW; LF;DK
BH1	27-May-08	15:00	10:40	4.08	3	6.05	344	5.7	Stick up = 9.9 cm AGS, DTB = cannot be measured due to possible blockage, blockage at 3.86m from bottom of well	MW
BH10A	05-Jun-08	15:05	11:40	7.3	35	5.74	555	4.2	total depth = 30m	KW, DK, LF
BH10B	05-Jun-08	14:24	11:45	7.31	35	5.73	795	3.8	sulfur smell	KW, DK, LF
BH12B	27-May-08	16:30	13:25	3.05	6	7.13	1436	6	foot valve clogged with silica sand, manually pump, clear	KW
BH14A	27-May-08	15:40	14:24	3.87	18	6.88	3092	6	manual	KW
BH14B	27-May-08	15:52	14:23	4.35	15	7.04	2846	6.1	manual	KW
BH2	27-May-08	10:40	10:00	4.607	10	6.15	693	2.3	ice in well, total depth = 5.51m, brown water with silt, hard bottom	KW, MW, KS
BH4	27-May-08	12:19	11:25	1.99	6	5.58	374	7	DT Ice = 2.97 m, light brown	KS, MW
BH5	27-May-08	11:45	11:45	1.981	69	-	-	-	-	EC
BH6	27-May-08	12:03	11:15	2.91	70	6.23	363	1.9	DTB = 6.71m, brown colour, honda pump + assist	KW
P01-01A	29-May-08	15:15	14:31	3.412	185	6.99	1457	3.9	Depth 20.27 to bottom mBTOP, honda pump no assist	EC, MW
P01-01B	29-May-08	15:40	14:32	3.37	300	7.11	1141	4.7	Depth 35.21 to bottom mBTOP, honda pump + assist	EC, MW
P01-02A	27-May-08	17:15	16:10	2.24	120	7.76	530	5	Stickup = 0.624, DTB = 14.41mBTOP, honda pump	KS, KW
P01-02B	27-May-08	17:27	16:30	0.36	225	7.88	437	6.5	Stickup = 1.61m, DTB = 29.92 mBTOP, honda pump	KS, KW
P01-11	27-May-08	9:43	17:15	0.774	105	7.22	2430	5.6	DTB = 11.115 mBTOP, stickup = 0.802 mAGS, replaced 2 inch well cap, sampled 29-May-08	EC, MW
P05-02	29-May-08	10:08	17:00	1.969	65	6.69	2180	3.8	Stickup = 1.138m, DTB = 5.878 mBTOP, field blank, replicate	EC, MW
P05-03	29-May-08	10:30	16:45	4.525	60	7	1360	4.6	DTB = 7.952 mBTOP, stickup = 0.845 mAGS, honda no assist	EC, MW
P05-04	27-May-08	11:17	11:17	2.67	65	6.07	357	3.8	DTB = 7.064 mBTOP, Stickup = 0.672 mBTOP, honda pump no assist	KW, MW
P2001-02A	04-Jun-08	14:30	13:57	3.518	27	7.62	1204	3.9	dry @ 17L, dry @ 24L, mannal, grey cloudy, grey silt	KW, DK, LF
P2001-02B	04-Jun-08	14:39	13:59	3.545	56	7.43	1184	2.8	handpump and assist, dry @ 45L, dry @ 36L, grey cloudy	KW, DK, LF
P2001-03	04-Jun-08	0:00	-	>30m	-	-	-	-	Hydrolift and pump didn't work	Kw, LF
P96-6	05-Jun-08	13:30	13:10	11.22	80	5.84	906	3.9	clean, honda pump assist	KW, DK, LF
P96-7	28-May-08	17:32	17:08	8.373	9.5	7.31	2720	3.7	DTB = 9.880 mBTOP, Stickup = 0.76, dry @ 4.5L and 9.5L	EC, MW
P96-8A	29-May-08	0:00	-	-	-	-	-	-	Samples taken but no field Measurements	-
P96-8B	04-Jun-08	0:00	-	-	-	-	-	-	Samples taken but no field Measurements	-
P96-9A	04-Jun-08	16:56	16:18	5.195	65	7.46	2120	2.4	clean, honda pump assist	KW, DK, LF
S1A	28-May-08	15:55	10:16	3.765	4	-	61200	5.2	DTB = 13.11 mBTOP, Stickup = 1.40 mAGS, WTW pH not working	EC, MW
S1B	28-May-08	16:20	10:17	3.498	100	-	1462	6.8	DTB = 5.10 mBTOP, Stickup = 1.25 mAGS, WTW pH not working	EC, MW
S2A	28-May-08	0:00	10:04	4.066	35	-	4450	3	DTB = 12.63 mBTOP, Stickup = 1.69 mAGS, Dry @22L and 33L, cloudy	KW, MW
S2B	28-May-08	0:00	10:05	4.276	16	-	5850	2.5	Stickup- 2.0 mAGS, dry @ 6L, rusty water, dry @12L	KW, MW
S3	28-May-08	0:00	10:30	2.43	60	6.07	6040	1.9	DTB = 6.5 mBTOP, Stickup = 1.87 mAGS	MW
SRK04-3A	29-May-08	17:35	15:46	6.74	55	5.75	6870	4.3	-	KS, KW
SRK05-05C	04-Jun-08	16:07	15:50	1.641	11.5	7.79	1145	4.6	Dry @3.5L, brown turbid, silty sand, good recharge, dry multiple times, dry @ 4L and 4L	KW, DK, LF
SRK05-07	04-Jun-08	9:30	9:09	5.228	6	7.04	2090	4	dry @ 2L and 2.3L, pulled tub to get 6L, grey cloudy	KW, DK, LF
SRK05-08	04-Jun-08	17:33	17:21	5.226	15	7.22	1940	3.3	dry @ 12 L and 14L, light brown, turbid	KW, DK, LF
SRK05-09	05-Jun-08	10:09	9:50	1.108	15	7.4	1437	3.9	dry @ 11L, brown colour, high sand volume, dry @ 4L purged, not capped need 1 1/4" joint for extra sticky	KW, DK, LF
SRK05-ETA-BR1	29-May-08	16:40	15:42	8.698	53	5.5	6730	5.3	brown turbid water, 1" well	KS, KW
SRK05-ETA-BR2	29-May-08	17:10	15:49	4.512	60	6.68	2430	4.3	1" well	KS, KW
SRK05-SP-1A	28-May-08	15:00	10:55	6.398	120	-	1432	2.6	DTB = 19.88 mBTOP, WTW pH not working	EC, MW
SRK05-SP-1B	28-May-08	14:45	10:56	6.59	80	-	1021	2.1	DTB = 13.11 mBTOP, WTW pH not working	EC, MW
SRK05-SP-2	28-May-08	15:20	11:15	1.477	105	< 6.5	386	3	DTB = 11.75 mBTOC (black tape on casing), Stickup to black tape = 0.65 mAGS	EC, MW
SRK05-SP-3A	28-May-08	14:00	10:40	3.956	155	-	1123	3.4	DTB = 23.77 mBTOP, Stickup = 0.93 mAGS, WTW pH not working	EC, MW
SRK05-SP-3B	28-May-08	13:45	10:41	3.173	105	-	967	2	DTB = 13.09 mBTOP, Stickup = 0.76 mAGS, WTW pH not working	EC, MW
SRK05-SP-4A	28-May-08	11:30	10:24	3.458	155	< 6.5	1345	3.4	DTB = 22.4 mBTOP, Stickup = 0.78 m, honda and assist	EC
SRK05-SP-4B	28-May-08	11:00	10:23	1.535	60	< 6.5	6190	3	DTB = 4.66 mBTOP, Stickup = 0.88m, cloudy brown, honda no assist	EC
SRK05-SP-5	28-May-08	10:01	10:01	5.623	95	< 6.5	5840	3.9	DTB - 14.92 mBTOP, Stickup = 0.99m measured to top of pipe, WL measured to top of pipe, pipe is 1cm lower than black mark on casing, add 1cm to all measurements, pH pen not working, honda pump no assist	EC
TH86-13	05-Jun-08	17:00	16:30	2.253	105	7.12	214	3.8	13-86; hondapump no assist, 15L black, back to clean, back to clean when sampling, back to clean after purge, DTB 12.13m, Stickup 1.42m,	KW, DK, LF
TH86-17	30-May-08	9:45	9:09	6.97	90	7.8	160	2.1	clear, good yield	JF, KS
TH86-5	30-May-08	9:30	-	-	-	-	-	-	Stickup = 1.22mAGS, DTB = 29.970mBTOC	EC,MW,KW
V34	04-Jun-08	11:27	-	6.037	25	7.02	1175	4.2	dry @ 13L and 23L, manual, cloudy water	KW, DK, LF
V35	04-Jun-08	10:52	10:30	7.44	18	7.04	2071	4.5	dry @ 13L and 18L, manual, clear water	KW, DK, LF
V36	04-Jun-08	15:35	14:47	7.802	23	7.52	1131	3	dry @ 14L and 23L, manual, clear water, new stickup in 2007	KW, DK, LF
V37	04-Jun-08	9:49	9:15	8.754	12	7.31	795	3	manual, dry @9L and 14L, clear water, grey fines	KW, DK, LF
X16A	29-May-08	13:45	13:09	3.131	45	7.51	338	5	5.235 m to bottom, manual	EC, MW
X16B	29-May-08	14:10	13:10	3.227	335	7.66	387	4.6	28.550 m to bottom, honda pump	EC, MW
X17A	29-May-08	16:35	16:05	2.103	57	7.34	555	3.6	DTB = 5.975 mBTOP, manual had to cross creek to get there	EC, MW
X17B	29-May-08	16:40	16:10	2.63	240	7.1	997	3.4	DTB = 24.469 mBTOP, honda pump no assist, covered with red plastic pail, sulfur odor	EC, MW
X18A	28-May-08	17:45	17:12	3.977	40	7.04	1438	5.2	9.390 m to bottom, manual	EC, MW
X18B	28-May-08	18:02	17:13	-	180	7.01	1385	4.4	ice layer prevented tape from going down, no level available, honda no assist	EC, MW
X21A-96	05-Jun-08	16:00	15:43	4.574	45	5.9	10580	4.1	clearish grey, honda pump no assist	KW, DK, LF
X21B-96	05-Jun-08	16:08	15:43	4.592	90	6.8	1373	3.6	clear, honda pump no assist	KW, DK, LF
X24A-96	29-May-08	11:05	10:52	3.557	60	6.59	1757	4.5	DTB = 6.459m, honda no assist	EC, MW
X25A-96	29-May-08	11:35	10:20	2.668	80	7.13	980	4.1	DTB = 9.44 mBTOP, honda no assist	EC, MW
X25B-96	29-May-08	11:50	10:21	2.59	150	7.37	1093	4	DTB = 19.666mBTOP, honda no assist	EC, MW

Table 2. Multilevel Wells Sampled in May/June 2008

Station	Date Collected	Time of Sampling	Water Level Time	Water Level From Top of Casing (m)	Total Purge Volume (L)	pH	Conductivity (µS/cm)	Temperature (°C)	Sample Notes	Samplers
P03-01-01	29-May-08	13:55	11:50	5.482	5.5	6.82	452	4.3	clear, good yield	JF, KS, KW
P03-01-03	29-May-08	14:10	11:52	5.535	4	6.78	561	4.6	clear, good yield	JF, KS, KW
P03-01-04	29-May-08	14:05	11:53	5.551	3	6.51	378	4.5	clear, good yield	JF, KS, KW
P03-01-05	29-May-08	14:10	11:54	5.556	2	6.41	599	5.4	-	JF, KS, KW
P03-01-06	29-May-08	14:20	11:56	5.533	1.5	6.31	852	5.7	-	JF, KS, KW
P03-01-07	29-May-08	14:25	11:57	5.554	1	6.6	1059	5.7	-	JF, KS, KW
P03-01-08	29-May-08	14:30	12:00	5.771	0.6	5.92	15610	5.5	light green colour	JF, KS, KW
P03-01-09	29-May-08	14:40	12:01	6.013	0.4	3.49	3590	7.9	-	JF, KS, KW
P03-03-01	29-May-08	10:18	9:30	6.816	5	9.01	502	4.9	clear, good yield	JF, KS, KW
P03-03-02	29-May-08	10:08	9:34	6.889	4	4.82	2330	4.4	clear, good yield	JF, KS, KW
P03-03-03	29-May-08	10:32	9:36	6.86	3	5.95	775	4.6	clear, good yield	JF, KS, KW
P03-03-05	29-May-08	10:45	9:38	6.857	2	6.51	2550	5.9	-	JF, KS, KW
P03-03-06	29-May-08	10:54	9:40	6.862	1.5	6.61	4120	6.8	-	JF, KS, KW
P03-03-08	29-May-08	0:00	9:43	7.17	1	3.73	18020	8.8	dry @ 400 mL, grey water, green filtered	JF, KS, KW
P03-03-09	29-May-08	0:00	-	7.218	0.5	3.59	21800	6.1	dark grey tailings, dry @ 400 mL	JF, KS, KW
P03-04-01	28-May-08	14:55	13:49	12.258	6	7.18	1963	6.8	clear, good yield	JF,RS
P03-04-02	28-May-08	14:40	13:50	12.292	5	6.3	1472	7.9	slightly cloudy, moderate yield, block @ 14m	JF,RS
P03-04-04	28-May-08	15:30	13:53	12.534	3	7.19	1189	5.6	slightly greyish, cloudy, good yield	JF,RS
P03-04-05	28-May-08	16:09	13:54	12.566	2	-	1535	5.3	good yield, sulphur odour	JF,RS
P03-04-06	28-May-08	16:04	13:56	12.672	1	6.42	5000	5.8	good yield, sulphur odour	JF,RS
P03-04-07	28-May-08	16:25	13:57	12.682	0.5	6.39	4610	6.1	good yield, light grey	JF,RS
P03-04-08	28-May-08	16:30	13:59	12.697	0.5	5.91	6190	8	medium grey, moderate yield	JF,RS
P03-04-09	28-May-08	-	14:00	12.705	-	-	-	-	insufficiant volume to sample	JF, RS
P03-06-01	28-May-08	11:25	9:55	12.339	2	6.08	2306	4.7	clear, good yield	JF, KS
P03-06-02	28-May-08	11:20	9:49	12.335	2	5.76	2400	9	clear, good yield	JF, KS
P03-06-04	28-May-08	12:04	9:57	12.337	1	6.75	1911	5.5	clear good yield	JF, KS
P03-06-05	28-May-08	11:58	10:03	12.333	0.5	6.68	1598	5.6	dark grey	JF, KS
P03-08-01	27-May-08	14:45	13:41	7.407	3.5	7.33	509	4.9	sulfur odour, clear, good yield	JF, EC
P03-08-02	27-May-08	14:50	13:42	7.403	3	7.09	585	5.5	clear, good yield	JF, EC
P03-08-03	27-May-08	15:02	13:43	7.246	3	7.19	808	6	clear, good yield	JF, EC
P03-08-04	27-May-08	17:00	13:44	7.248	2.2	6.97	1267	6.2	dark grey colour, poor yield (850mL)	JF, EC
P03-08-05	27-May-08	15:25	13:45	7.032	0.7	7.09	2140	10.1	dry @ 400mL and 700mL, cloudy, filtered water, greenish tinge	JF, EC
P03-08-06	27-May-08	15:30	13:46	6.614	0.8	6.99	1978	10.6	dry @ 500mL and 800mL, dark grey to clear, tailings pore water odour	JF, EC
P03-08-07	27-May-08	16:26	13:47	4.831	1.5	7.4	1123	7.3	double checked water level, dry @ 1.30L	JF, EC
P03-08-08	27-May-08	16:24	13:48	4.722	1	7.61	459	9.1	dry @ 750mL and 1L, cloudy grey	JF, EC
P03-09-01	27-May-08	11:15	10:28	2.532	5	6.79	1296	6.1	clear, good yield	JF, EC
P03-09-02	27-May-08	11:21	10:29	2.957	5	6.8	1316	5.8	clear, good yield	JF, EC
P03-09-03	27-May-08	11:30	10:30	3.01	4	6.75	1196	5.5	clear, good yield	JF, EC
P03-09-04	27-May-08	11:34	10:31	3.311	3.5	6.73	1159	5.3	clear, good yield	JF, EC
P03-09-05	27-May-08	11:44	10:32	3.355	3.5	6.82	1161	5.5	clear, good yield	JF, EC
P03-09-06	27-May-08	11:47	10:33	3.364	3.5	6.72	1296	5.7	sulphur odour, clear, good yield	JF, EC
P03-09-07	27-May-08	12:03	10:34	3.506	2	6.96	1377	5.3	clear, good yield	JF, EC
P03-09-08	27-May-08	12:07	10:35	3.475	1	6.9	1359	9.5	clear, moderate yield	JF, EC
P03-09-09	27-May-08	12:11	10:36	3.882	1	7.02	1352	5.4	turbid, silty, dark grey to cloudy, good yield	JF, EC

Water level taken but no sample collected

Table 3. QAQC Sampling for May/June 2008

Station	Date Collected	Time of Sampling	Water Level Time	Water Level From Top of Casing (m)	Total Purge Volume (L)	pH	Conductivity (µS/cm)	Temperature (°C)	Sample Notes	Samplers	Sample Type
P01-02B	27-May-08	16:30	17:27	0.36	225	7.88	437	6.5	Stickup = 1.61m, DTB = 29.92 mBTOP, honda pump	KS, KW	Replicate
P05-02	29-May-08	17:00	10:08	1.969	65	6.69	2180	3.8	Stickup = 1.138m, DTB = 5.878 mBTOP, field blank, replicate	EC, MW	Replicate
SRK05-SP-5	28-May-08	10:01	10:01	5.623	95	< 6.5	5840	3.9	measured to top of pipe, pipe is 1cm lower than black mark on casing,	EC	Replicate
X21A-96	05-Jun-08	15:43	16:00	4.574	45	5.9	10580	4.1	clearish grey, honda pump no assist	KW, DK, LF	Replicate
P03-01-02	29-May-08	11:51	13:50	5.549	4.5	6.54	371	4.5	split sample, clear, good yield	JF, KS, KW	Split Sample
P03-03-04	29-May-08	9:37	10:25	6.852	2	6.46	1107	4.7	clear, good yield, split sample	JF, KS, KW	Split Sample
P03-04-03	28-May-08	13:51	15:36	12.186	4	6.18	1408	6.2	clear, good yield, split sample	JF,RS	Split Sample
P03-06-03	28-May-08	9:51	10:59	12.329	2	6.16	2350	4.9	clear, moderate yield, split sample	JF, KS	Split Sample

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Memorandum

Date: November 26, 2008
To: Memo to File
From: Elise Babyn
Project Number: 80632-2, 80633-3
Subject: Faro Summer AMP Sampling

The August Adaptive Management Plan (AMP) sampling event was completed by Kai Woloshyn and Jay Cherian of AECOM, with sampling conducted on August 12th and 13th, 2008. All wells that are part of the AMP sampling regime were sampled. Five of the S-wells were also sampled, as a part of the 2008 Additional S-Cluster Sampling event. Water analysis was completed by Maxxam Laboratories in Vancouver, for general chemistry (500 mL) and dissolved metals (120 mL, filtered and preserved). Details concerning conventional and multilevel wells sampled during the August event can be found in Table 1.

Conditions at Site

The weather in Faro was warm and partly cloudy during the August sampling period. Daytime high temperatures reached approximately 15°C. Although there were some rainy periods, the tailings were dry and all wells easily accessible by truck.

AMP Sampling

The following wells were sampled as part of the AMP summer sampling event:

- P03-04-02, P03-04-04, P03-04-06
- P03-08-02, P03-08-03, P03-08-04, P03-08-05
- P03-09-02, P03-09-04, P03-09-06, P03-09-07, P03-09-09
- X24A-96, X24D-96
- X25A-96, X25B-96

Additional S Cluster Sampling

The following wells were sampled as part of the 2008 Additional S Cluster Sampling event:

- S1A
- S2B
- S3
- SRK05-SP-4B
- SRK05-SP-5

Quality Assessment and Quality Control (QA/QC)

Split samples were collected for approximately 10% of the samples in order to ensure QA/QC, as outlined in Table 2. Splits were collected at the following monitors:

- S1A
- X25A-96

Sampling Issues

There were no issues incurred during the August AMP sampling event.

Other Site Activities

Yukon Engineering Services (YES) conducted a topographic survey on the majority of current wells in the Faro, Grum and Vangorda mine areas. Kai and Jay assisted the surveyors in navigating well locations during the August field visit.

EB

Attachments:

- Table 1: Wells Sampled in August 2008
- Table 2: Summary of Quality Control Samples 2008

Table 1. Wells Sampled in August 2008

Monitor	Date Collected	Time of Sampling	Time of Water Level	Water Level From Top of Casing (m)	Total Purge Volume (L)	pH	Conductivity (uS/cm)	Temperature (°C)	Sample Notes	Samplers
2008 Fall Adaptive Management Plan Sampling										
P03-04-02	12-Aug-08	16:55	16:55	12.246	4	6.19	1535	5.7	-	KW, JC
P03-04-04	12-Aug-08	16:55	16:55	12.471	3	7.11	1265	7.7	clear	KW, JC
P03-04-06	12-Aug-08	16:55	16:55	12.459	1.5	6.38	5030	7	clear	KW, JC
P03-08-02	12-Aug-08	15:08	14:32	7.485	3	7.23	556.2	6	clear	KW, JC
P03-08-03	12-Aug-08	15:13	14:33	7.313	3	7.15	914	5.2	clear	KW, JC
P03-08-04	12-Aug-08	15:13	14:34	7.314	1	7.2	1377	8.3	clear	KW, JC
P03-08-05	12-Aug-08	15:13	14:35	7.068	1	7.32	2183	8.5	brownish turbid	KW, JC
P03-09-02	12-Aug-08	10:15	9:55	2.885	5	6.94	12.89	5.2	clear, no foot valve	KW, JC
P03-09-04	12-Aug-08	10:30	9:56	3.215	4	6.99	1400	4.7	clear, no foot valve	KW, JC
P03-09-06	12-Aug-08	10:30	9:56	3.265	2.5	7.01	1333	5	clear, no foot valve	KW, JC
P03-09-07	12-Aug-08	10:30	9:58	3.412	2.5	6.97	1488	4.8	clear, no foot valve	KW, JC
P03-09-09	12-Aug-08	10:30	9:59	3.78	1.5	6.94	1464	4.5	grey; slightly turbid; no foot valve	KW, JC
X24A-96	12-Aug-08	12:13	11:55	4.889	60	6.43	2770	5	slightly cloudy	KW, JC
X24D-96	12-Aug-08	12:55	11:56	4.486	195	6.36	2420	5	Clear	KW, JC
X25A-96	12-Aug-08	13:55	13:33	3.878	75	7.13	1130	5.5	clear	KW, JC
X25B-96	12-Aug-08	14:05	13:32	3.71	130	7.4	1182	4.9	clear	KW, JC
Additional 2008 S-Well Monitoring										
S1A	13-Aug-08	14:01	13:01	4.16	105	6.24	6460	5.5	brown	KW, JC
S2B	13-Aug-08	13:40	12:55	4.81	15	6.71	5630	5.7	P1= 6L(dry); P2 dry @ 4L; P3 dry @ 5L	KW, JC
S3	13-Aug-08	14:30	12:59	2.591	45	6	6889	6.2	light brown; grey	KW, JC
SRK05-SP-4B	13-Aug-08	12:35	12:24	1.561	60	5.93	4100	5.1	brown; turbid	KW, JC
SRK05-SP-5	13-Aug-08	13:05	12:50	6.002	90	6.05	6641	5.2	brown; turbid	KW, JC

Table 2. Summary of Quality Control Samples, August 2008

Monitor	Date Collected	Time of Sampling	Time of Water Level	Water Level From Top of Casing (m)	Total Purge Volume (L)	pH	Conductivity (µS/cm)	Temperature (°C)	Samplers	Sample Type
S1A	13-Aug-08	14:01	13:01	4.16	105	6.24	6460	5.5	KW, JC	Replicate
X25A-96	12-Aug-08	13:55	13:33	3.878	75	7.13	1130	5.5	KW, JC	Split Sample

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Memorandum

Date:	November 27, 2008
To:	Memo To File
From:	Elise Babyn
Project Number:	80633-1; 80631-3;
Subject:	Faro Fall Routine Sampling

The fall routine groundwater sampling event at the Faro Mine site was conducted by Jay Cherian, Elise Babyn, Eric Cleveland, and Kai Woloshyn. Work on-site was conducted from September 16th through September 19th, 2008. Field staff worked onsite the morning and early afternoon of September 19th and returned to Whitehorse that evening. Two ATV's and a trailer were rented from MacPherson Rentals in Whitehorse.

Conditions at Site

The weather in Faro was mostly cloudy during sampling in September, with temperatures averaging five degrees Celsius. Occasional showers caused it to be very wet and muddy during the four day sampling period.

Conventional and Multilevel Wells

A list of conventional and multilevel wells, as well as their corresponding field measurements can be found in Tables 1 and 2 respectively. Water analysis was completed by Maxxam Laboratories in Vancouver, for general chemistry (500 mL) and dissolved metals (120 mL, filtered and preserved).

QA/QC Samples

Split samples were collected at approximately 10% of the sampling locations. QA/QC samples are summarized in Table 3.

Field Site and Sampling Issues

Conventional Wells

P01-02B Not sampled. Tubing was ~2m below top of well casing and could not recover tubing.
BH12A No recharge; could not be sampled
BH13B No recharge; could not be sampled
P2001-03 Deep water level; could not use hydrolift and was too heavy to manually pump

S1A, S1B, S2A, S2B, S3, SRK05-SP4A, SRK05-4B, SRK05-SP-5, SRK05/SP6 – The S-well area could not be sampled due to a pumping test in progress by SRK.

Multilevel Wells

P03-08-02 Well was not sampled in September

September 2008 Well Maintenance Activities

Short tubing was pulled from a number of conventional wells, to be replaced in the 2009 field season.

Other Site Issues

- Kai and Elise got truck stuck in the tailings at X21-96. A Backhoe Loader was required to pull the truck out using chains.

Follow-Up Activities

- Missed S-wells will be sampled during the November 2008 AMP Sampling event

EB:eb

Attachments:

- Table 1. Conventional Wells Sampled in September 2008
- Table 2. Multilevel Wells Sampled in September 2008
- Table 3. QA/QC Sampling for September 2008

Table 1. Conventional Wells Sampled in September 2008

Station	Date Collected	Time of Sampling	Time of Water Level	Water Level From Top of Casing (m)	Total Purge Volume (L)	pH	Conductivity (µS/cm)	Temperature (°C)	Sample Notes	Samplers
BH05-9B-R	18-Sep-08	11:15	10:15	0	175	7.12	654	6.3	cracked casing; leaking through crack; artesian	EC, JC
BH1	18-Sep-08	17:30	17:17	3.786	4	5.89	558	2.8	dry @ 2L Brown turid, use low stick up 0.08m; Lab report says BH1A	EC, JC
BH12A	18-Sep-08	-	15:35	2.94	-	-	-	-	Not enough water for Sample- no recharge	KSW, EB
BH12B	18-Sep-08	16:00	15:35	2.942	3	-	-	-	probe inaccurate - no field parameters; not enough water to sample BH12A	KSW, EB
BH13A	18-Sep-08	-	16:19	3.561	1	-	-	-	No Recharge	KSW,EB
BH13B	18-Sep-08	16:39	16:26	2.602	60	-	-	-	probe inaccurate - no field parameters; no recharge to sample BH13A	KSW, EB
BH14A	18-Sep-08	15:11	14:49	2.977	12	6.8	3.9	-	clear; manual ; P1=9L; P2=3L; probe not working - no cond; high seepage flow/acidic seepage might explain high Zn	KSW, EB
BH14B	18-Sep-08	15:20	14:50	3.601	16	7.06	4.1	-	clear; manual; P1=13L; P2=3L; probe not working - no cond; high seepage flow/acidic seepage might explain high Zn	KSW, EB
BH2	18-Sep-08	17:12	16:58	-	10	5.87	587	4.6	water level tape not responsive; dry @ 1L ; but fast recharge; brownish; lab rpt says BH1	EC, JC
BH4	18-Sep-08	16:20	15:50	2.294	24	5.4	886	4.6	dry @ 1L, fast recharge; light brown	EC, JC
BH5	18-Sep-08	14:43	14:30	1.934	80	5.68	461	4.8	good flow ; light brown odour; attempted camera inspection - low vis.	EC, JC
BH6	18-Sep-08	15:30	15:15	3.239	70	5.86	469	2.8	honda pump no assist; slightly cloudy	EC, JC
BH8	18-Sep-08	18:30	17:45	14.516	10	4.32	2450	5.1	dry @ 10L + tubing; sampled from tubing; rep BH8A	EC, JC
P01-01A	16-Sep-08	10:30	9:38	3.785	180	7.16	1650	3.2	honda no assist; clear	KSW, EB
P01-01B	16-Sep-08	11:00	9:40	3.486	250	7.3	1197	3.2	honda no assist; clear	KSW, EB
P01-02A	16-Sep-08	15:21	14:57	2.015	105	7.61	714	4.8	honda no assist;clear. P01-02B artesian, tubing way down no sample	KSW, EB
P01-02B	16-Sep-08	-	14:58	Artesian	-	-	-	-	Tubing in B got pushed down ~2m - no sample taken	KSW, EB
P01-03	17-Sep-08	10:37	10:20	3.046	60	6.4	3080	3.9	honda no assist; clear	KSW, EB
P01-04A	17-Sep-08	11:40	10:44	1.582	240	6.67	1035	4.4	honda no assist; clear; sulphur smell	KSW, EB
P01-04B	17-Sep-08	12:01	10:49	2.191	350	7.06	1650	3.8	hydrolift; clear	KSW, EB
P01-11	16-Sep-08	16:35	16:20	0.799	105	7.05	2620	4.6	honda no assist; clear	KSW, EB
P05-02	16-Sep-08	16:12	16:00	1.986	60	6.77	2460	5.5	clear; honda no assist	KSW, EB
P05-03	16-Sep-08	15:49	15:30	4.424	60	7.23	1212	4.4	honda no assist; cloudy - bentonite	KSW, EB
P2001-02A	18-Sep-08	11:30	11:18	3.782	52	7.56	1100	4.5	dry @41L; P2dry @ 11L; brown/turbid	KSW, EB
P2001-02B	18-Sep-08	11:40	11:20	3.784	56	7.31	1246	4.8	dry @ 52L; P2dry @ 4L; brown/turbid	KSW, EB
P2001-03	18-Sep-08	-	10:43	>30m	-	-	-	-	Could not pump with hydrolift; tubing too heavy to manually pump	KSW, EB
P96-6	18-Sep-08	16:55	17:29	10.758	60	-	-	-	manual; clear; probe inaccurate - no field parameters	KSW, EB
P96-7	19-Sep-08	10:33	10:12	2.185	75	6.98	3354	3.1	manual; brown and turbid * used hanna combo pen; did rep - 96-7B	KSW, EB
P96-8A	19-Sep-08	9:57	9:32	2.395	75	5.91	-	6.2	foamy, smell of gas; manual; clear	KSW, EB
P96-8B	19-Sep-08	9:58	9:33	2.488	30	5.91	-	7.3	manual; clear	KSW, EB
P96-9A	18-Sep-08	11:20	10:45	5.514	25	6.45	1971	7.8	manual; rusty colour	EC, JC
RGC-PW3	18-Sep-08	16:20	15:18	3.25	300	5.99	457	4	6: steel casing; particulate (casing) in GC sample; btoc 7.770	EC, JC
SRK05-05C	18-Sep-08	9:55	9:40	1.788	6	6.66	974	6.1	silty ; dry several times; brown	EC, JC
SRK05-07	18-Sep-08	12:10	11:57	5.38	5	6.52	2040	5.5	(2.04ms/cm) insufficient volume to purge	EC, JC
SRK05-08	18-Sep-08	12:10	11:45	5.434	25	6.66	1857	6.3	hand pumped; dry @ 11L; need to extend tubing; light brown - stericup	EC, JC
SRK05-09	18-Sep-08	12:50	12:41	0.974	20	6.95	1975	5.6	stericup filter; sandy, brown, turbid	EC, JC
SRK08-SPW1	19-Sep-08	11:45	0:00	4.3	378	5.87	897	3.8	-	EC, JC
TH86-14	17-Sep-08	18:50	18:44	-	120	7.03	303	6.1	honda=assist; cloudy, organic matter; dead mouse	EC, EB
TH86-15	17-Sep-08	18:30	18:30	-	125	6.63	237	5.7	black - turned to clear; dead animal in well	KSW, JC
TH86-17	17-Sep-08	17:32	16:54	7.427	90	6.4	191	6.6	honda w/ assist; clear; depth to bottom ~15m	EC, EB
TH86-2	18-Sep-08	18:33	18:33	2.11	150	6.5	334	4.6	started of brown/orange then cleared	KSW, EB
V34	18-Sep-08	13:11	12:49	5.079	18	7.58	1385	4.2	dry @ 15L; P2 dry @ 3L; manual	KSW, EB
V35	18-Sep-08	13:45	13:22	5.1	31	7.46	8350	4.1	dry @ 24L; P2 dry @ 7L	KSW, EB
V36	18-Sep-08	10:34	9:59	8.352	55	7.18	1381	5.2	dry @ 33L; P2 dry @ 22L; manual	KSW, EB
V37	18-Sep-08	9:50	9:33	8.303	17	7.53	871	3.3	dry @ llL; manual; clear	KSW, EB

Table 1. Conventional Wells Sampled in September 2008

Station	Date Collected	Time of Sampling	Time of Water Level	Water Level From Top of Casing (m)	Total Purge Volume (L)	pH	Conductivity (µS/cm)	Temperature (°C)	Sample Notes	Samplers
X16A	16-Sep-08	14:38	13:37	3.438	300	7.82	402	4.1	honda pump + assist; clear	KSW, EB
X16B	16-Sep-08	14:00	13:38	3.404	36	7.6	388	6.3	manual; clear	KSW, EB
X17A	16-Sep-08	11:48	11:22	2.014	60	7.77	485	3.1	manual; clear	KSW, EB
X17B	16-Sep-08	12:19	11:24	2.56	240	7.23	639	3.8	honda pump no assist; clear	KSW, EB
X18A	16-Sep-08	17:12	16:50	3.465	28	7.27	1422	3.9	P1dry @ 20L; P2 dry @8L; manual, clear	KSW, EB
X18B	16-Sep-08	17:17	16:44	3.346	180	7.22	823	2.9	honda pump no assist ;clear	KSW, EB
X21A-96	17-Sep-08	13:47	13:13	3.154	30	5.85	1276	5.1	manual; filtered w/ stericup; very cloudy; took rep X21C-96	KSW, EB
X21B-96	17-Sep-08	13:47	13:22	4.126	90	6.69	1960	3.8	honda + assist; filtered w/ stericup	KSW, EB
X24A-96	17-Sep-08	10:02	9:22	4.169	60	6.54	2860	4.6	manual brownish cloudy	KSW, EB
X24D-96	17-Sep-08	10:13	9:20	3.948	240	6.45	3430	3.8	honda no assist; clear	KSW, EB
X25A-96	16-Sep-08	18:04	17:37	3.304	60	7.19	1110	4.2	manual; clear	KSW, EB
X25B-96	16-Sep-08	18:05	17:38	3.185	150	7.45	1184	4	honda+assist; clear; rep taken - X25C-96	KSW, EB

Water Levels taken, but no WQ sampes collected

Table 2. Multilevel Wells Sampled in September 2008

Station	Date Collected	Time of Sampling	Time of Water Level	Water Level From Top of Casing (m)	Total Purge Volume (L)	pH	Conductivity (µS/cm)	Temperature (°C)	Sample Notes	Samplers
P03-01-01	17-Sep-08	14:00	13:17	5.648	5.5	6.92	433	4.9	-	EC, JC
P03-01-02	17-Sep-08	13:55	13:19	5.742	4.6	6.81	412	5.1	-	EC, JC
P03-01-03	17-Sep-08	14:18	13:20	5.738	4	6.45	273	5.1	-	EC, JC
P03-01-04	17-Sep-08	14:15	13:02	5.74	2.5	6.05	238	5.4	-	EC, JC
P03-01-05	17-Sep-08	14:40	13:24	5.754	2.5	5.96	483	5.6	Mistaken for P03-04-05 in lab report	EC, JC
P03-01-06	17-Sep-08	14:40	13:25	5.73	1.5	6.14	769	6.1	-	EC, JC
P03-01-07	17-Sep-08	15:00	13:27	5.702	1	6.41	2600	5.8	strong odour, yellowish colour (2.60 ms/cm)	EC, JC
P03-01-08	17-Sep-08	14:55	13:28	5.537	0.5	6.18	2600	5.9	(2.60ms/cm)	EC, JC
P03-01-09	17-Sep-08	15:30	13:29	5.746	-	4.06	32300	8.8	(32.3 ms/cm) slightly green, no odour	EC, JC
P03-04-02	17-Sep-08	11:30	9:40	-	5.5	6.25	1464	5.8	could not dip past 10.0m	EC, JC
P03-04-04	17-Sep-08	10:55	9:44	-	3	6.86	1200	5.7	could not dip past 9.8m - got past 9m to 15m.	EC, JC
P03-04-06	17-Sep-08	11:45	9:45	-	1	6.27	5030	5.1	Could not dip past 9.8m	EC, JC
P03-08-01	16-Sep-08	17:05	16:42	6.858	3.5	7.61	504	4.9	-	EC, JC
P03-08-03	16-Sep-08	17:00	16:44	6.826	2.5	7.34	859	4.5	-	EC, JC
P03-08-04	16-Sep-08	17:35	16:45	6.674	2.2	7.09	1470	5.5	Stericup filters	EC, JC
P03-08-05	16-Sep-08	17:35	16:47	6.356	2	7.28	1994	5.2	Stericup filters	EC, JC
P03-08-07	16-Sep-08	16:25	16:50	3.186	1.9	7.48	894	7.1	Stericup filters; slow recharge	EC, JC
P03-08-08	16-Sep-08	18:10	16:51	3.076	1.5	7.59	446	5.5	Stericup filters; Rep P03-08-08A	EC, JC
P03-09-01	16-Sep-08	14:08	11:57	2.335	4	7.11	1217	5.7	-	EC, JC
P03-09-02	16-Sep-08	14:09	11:58	2.774	4	7.21	1194	4.2	-	EC, JC
P03-09-03	16-Sep-08	14:20	11:59	1.826	4	7.16	1438	4.7	-	EC, JC
P03-09-04	16-Sep-08	14:25	12:00	3.122	3	7.32	1438	4.9	-	EC, JC
P03-09-05	16-Sep-08	14:45	12:01	3.166	2.8	7.22	1456	4.6	slow; bugs in water	EC, JC
P03-09-06	16-Sep-08	14:50	12:01	3.182	2	7.21	1343	4.6	-	EC, JC
P03-09-07	16-Sep-08	15:07	12:02	3.337	1.5	7.19	1529	5.1	-	EC, JC
P03-09-08	16-Sep-08	15:11	12:03	3.398	1	7.23	1472	5.6	split taken P03-09-10	EC, JC
P03-09-09	16-Sep-08	15:30	12:03	3.716	1	7.2	1461	4.4	-	EC, JC
P05-01-01	16-Sep-08	9:45	-	2.09	3	6.64	1666	4.6	slight odour	EC,JC
P05-01-02	16-Sep-08	10:45	-	2.16	3	6.72	1989	4.4	-	EC,JC
P05-01-03	16-Sep-08	11:45	-	2.9	3	6.8	2040	4.4	3.08ms/cm	EC,JC
P05-01-04	16-Sep-08	12:45	-	1.048	2	6.9	2090	4.8	2.09ms/cm	EC,JC
P05-01-05	16-Sep-08	13:45	-	2.23	-	6.81	2110	4.6	2.11ms/cm	EC,JC
P05-01-06	16-Sep-08	14:45	-	2.158	1	6.8	2090	4.9	-	EC,JC

Table 3. QA/QC Sampling for September 2008

Station	Date Collected	Time of Sampling	Time of Water Level	Water Level From Top of Casing (m)	Total Purge Volume (L)	pH	Conductivity (µS/cm)	Temperature (°C)	Sample Notes	Samplers	Sample Type
BH8	19-Sep-08	11:45	11:30	14.516	9	4.84		4.5	rep BH8A; brownish; manual; * used hanna combo pen	KSW, EB	Replicate
P96-7	19-Sep-08	10:33	10:12	2.185	75	6.98	3354	3.1	manual; brown and turbid * used hanna combo pen; rep - 96-7B	KSW, EB	Replicate
X21A-96	17-Sep-08	13:47	13:13	3.154	30	5.85	1276	5.1	replicate X21C-96	KSW, EB	Replicate
X25B-96	16-Sep-08	18:05	17:38	3.185	150	7.45	1184	4	honda+assist; clear - rep X25C96	KSW, EB	Replicate
P03-08-08	16-Sep-08	18:10	16:51	3.076	1.5	7.59	446	5.5	Stericup filters; sample was lost at lab Rep P-03-08-08A	EC, JC	Replicate
P03-09-08	16-Sep-08	15:11	12:03	3.398	1	7.23	1472	5.6	Split of P03-09-08; called P03-09-10	EC, JC	Split Sample

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Memorandum

Date:	November 27, 2008
To:	Memo to File
From:	
Project Number:	80633-1; 80632-2; 80632-6
Subject:	Faro Winter AMP & 2008 SRK High and Medium Priority Well Sampling

The November Adaptive Management Plan (AMP) sampling event was completed by Elise Babyn, Kai Woloshyn, and Jay Cherian of AECOM, with sampling conducted on November 3rd until November 5th, 2008. Jay Cherian left Faro on the morning of November 5th to complete other work in Dawson. Kai and Elise worked onsite until late afternoon of November 5th and returned to Whitehorse that evening. All wells that are part of the AMP sampling regime, as well as the remaining S-wells that were missed in September, were sampled. Additional sampling on new 2008 High and Medium Priority wells was also conducted. Details concerning all wells sampled during the November event can be found in Table 1.

Conditions at Site

The weather in Faro was mild with mostly cloudy skies during the November sampling period. Daytime high temperatures reached approximately -5°C. The tailings were snow covered and overall snow depth was about six inches.

AMP Sampling

The following wells were sampled as part of the AMP winter sampling event:

- P03-04-02, P03-04-04, P03-04-06
- P03-08-02, P03-08-03, P03-08-04, P03-08-05
- P03-09-02, P03-09-04, P03-09-06, P03-09-07, P03-09-09
- X24A-96, X24D-96, X25A-96, X25B-96

Additional S-Well Sampling

Due to a pumping test that took place in the S-well area during the 2008 September Routine Sampling event, the following additional wells were sampled in November:

- S1A, S1B
- S2A,S2B
- S3
- SRK05-SP-4A and SRK05-SP-4B
- SRK05-SP-5
- SRK05-SP-6

New 2008 SRK Well Sampling:

SRK Consulting drilled new wells in the S-Well area (New High Priority Wells) and in various other locations on the mine site (New medium priority wells) in August and September 2008. The following 2008 SRK wells were sampled by AECOM during the November Sampling event:

High Priority Wells:

- SRK08-SBR1, SRK08-SBR2, SRK08-SBR3, SRK08-SBR4
- SRK08-SP7A, SRK08-SP7B
- SRK08-SPW1, SRK08-SPW2

Medium Priority Wells:

- SRK08-P10A
- SRK08-P12A, SRK08-P12B,
- SRK08-P14
- SRK08-P15

Quality Assessment and Quality Control (QA/QC)

Split samples were collected for approximately 10% of the samples in order to ensure QA/QC, as outlined in Table 2. Splits were collected at the following stations:

- P03-09-07
- S2A
- SRK08-SP7B

Field Sampling Issues

The following wells could not be sampled in November, due to various issues:

SRK 2008 High Priority Wells

- **SRK08-8A and SRK08-8B** Frozen tubing; no sample taken

SRK 2008 Medium Priority Wells

- **SRK08-P9** Insufficient well volume to sample
- **SRK08-P10B** Well was dry
- **SRK08-P11A and –P11B** frozen
- **SRK08-P13A and –P13B** frozen
- **SRK08-P15** No site Access

Other Site Issues

All the main roads were ploughed at the mine during the winter AMP trip. Although there was recent snow fall at the time of sampling, most roads to the AMP wells, and S-wells were accessible by truck. The power-line access road near the Faro Rock dump area (SRK08-P9), as well as the road down to the Faro Rock Dump/Zone II pit area (BH-well area) had to be ploughed to allow truck access. The roads to P03-08 and P03-09 were not drivable, so those wells were accessed by foot.

EB

Attachments:

- Table 1. Wells Sampled in November 2008
- Table 2. QA/QC Sampling for November 2008

Table 1. Wells Sampled in November 2008

Station	Date Collected	Time of Sampling	Time of Water Level	Water Level From Top of Casing (m)	Total Purge Volume (L)	pH	Conductivity (uS/cm)	Temperature (°C)	Sample Notes	Samplers
2008 Fall AMP Monitoring										
P03-04-02	04-Nov-08	12:43	12:43	12.266	4.5	6.41	1502	2.11	clear	KW/EB/JC
P03-04-04	04-Nov-08	12:45	12:45	12.319	3.5	7.06	1231	2.7	clear	KW/EB/JC
P03-04-06	04-Nov-08	12:45	12:45	12.389	1.5	6.12	4479	2.9	clear	KW/EB/JC
P03-08-02	04-Nov-08	10:29	10:30	7.655	3.5	7.18	566	2.6	clear; no assist	KW/EB/JC
P03-08-03	04-Nov-08	10:29	10:30	7.502	3.5	7.13	839	2.7	clear ; no assist	KW/EB/JC
P03-08-04	04-Nov-08	10:29	10:30	7.506	0.48	7.07	1306	1.8	assist; clear	KW/EB/JC
P03-08-05	04-Nov-08	10:29	10:30	7.231	0.7	7.17	1657	1.7	assist; brownish; stericup	KW/EB/JC
P03-09-02	04-Nov-08	9:09	9:09	3.026	5	6.88	1272	3.5	odourous	KW/EB/JC
P03-09-04	04-Nov-08	9:09	9:09	2.208	4	6.83	1520	3.4	-	KW/EB/JC
P03-09-06	04-Nov-08	9:09	9:09	3.336	6	6.92	1461	2.8	-	KW/EB/JC
P03-09-07	04-Nov-08	9:09	9:09	3.499	2.5	6.82	1675	3.3	-	KW/EB/JC
P03-09-09	04-Nov-08	9:09	9:09	3.855	2	6.88	1593	3.5	cloudy	KW/EB/JC
X24A-96	04-Nov-08	15:15	14:43	5.175	38	6.44	2639	1.9	P1=dry @ 20L; P2=dry @ 18L; cloudy; stericup	KW/EB
X24D-96	04-Nov-08	15:45	14:42	4.952	185	6.46	3281	1.8	hydrolift(85L); honda/ass(100L)	JC
X25A-96	04-Nov-08	16:30	15:59	4.318	75	7.19	1174	2	manual; clear	KW/EB
X25B-96	04-Nov-08	16:50	15:56	4.187	175	7.37	1154	2.4	hydrolift; clear	KW/EB
Additional 2008 S-Well Monitoring										
S1A	03-Nov-08	10:26	10:26	3.497	100	6.06	6475	1.9	-	JC/KW
S1B	03-Nov-08	10:28	10:28	2.945	55	-	-	1.2	-	JC/KW
S2A	03-Nov-08	15:45	10:23	3.882	30	6.74	6085	2.4	P1=dry@20L; P2=dry @9L; turbid	JC/KW
S2B	03-Nov-08	15:55	10:22	3.125	13	6.62	5877	2.5	P1=dry @ 7L; P2=dry @6L; turbid	JC/KW
S3	03-Nov-08	16:40	10:40	2.494	60	7.1	6380	2.3	cloudy	JC/KW
SRK05-SP-4A	03-Nov-08	15:25	10:50	4.182	150	6.48	894	1.4	-	JC/KW
SRK05-SP-4B	03-Nov-08	14:38	10:50	1.698	50	6.92	6055	3.3	well contains levellogger; toc altered	EB
SRK05-SP-5	03-Nov-08	13:03	10:15	5.328	100	5.97	6380	2	clear; honda no assist	KW
SRK05-SP-6	03-Nov-08	12:03	9:50	11.436	2.5	6.85	2436	0.6	dry @ 1.5L; dry @ 1L	EB/KW
New 2008 SRK High and Medium Priority Wells										
SRK08-P9	5-Nov-08	-	14:13	5.234	-	-	-	-	Not enough water to sample	KW/EB
SRK08-P10A	05-Nov-08	15:30	15:07	9.739	31	7.35	3250	0	dry @ 8L; dry @ 19L; dry @ 4L; brown; stericup	KW/EB
SRK08-P12A	05-Nov-08	13:43	13:00	11.538	120	5.76	1202	0.8	clear; slightly cloudy	KW/EB
SRK08-P12B	05-Nov-08	13:31	13:01	1.876	80	5.95	771	0.2	orange; manual but pump would have worked	KW/EB
SRK08-P13A	05-Nov-08	12:52	-	2.13	-	-	-	-	Frozen @ 2.13m	KW/EB
SRK08-P13B	05-Nov-08	12:50	-	2.17	-	-	-	-	Frozen @ 2.17m	KW/EB
SRK08-P14	05-Nov-08	10:25	9:20	6.774	60	7.47	1140	1.3	mirky brown; stericup	EB/KW
SRK08-P16	05-Nov-08	11:45	10:59	7.585	30	7.46	1150	1.6	very silty grey; stericup	EB/KW
SRK08-P9	05-Nov-08	14:13	-	5.234	-	-	-	-	dry @6L not enough water to sample; **Lost weight for tagline in well**	EB/KW
SRK08-SBR1	03-Nov-08	13:53	10:16	5.445	210	6.07	3705	2.2	clear; honda+assist	KW
SRK08-SBR2	03-Nov-08	14:30	10:43	5.07	125	6.98	4100	2.9	casing angled out of ground	KW
SRK08-SBR3	03-Nov-08	11:48	10:00	11.682	51	6.52	3520	1.2	P1=dry @ 34L; P2 dry @ 17L	KW/EB
SRK08-SBR4	03-Nov-08	13:48	10:07	6.11	132	6.06	6556	2	-	JC/KW
SRK08-SP7A	03-Nov-08	16:45	10:30	1.297	140	6.81	3503	1.7	grey cloudy	JC
SRK08-SP7B	03-Nov-08	16:10	10:32	1.276	85	7.36	6010	3.5	water freezing; honda/noassist	JC
SRK08-SP8A	03-Nov-08	13:12	-	1.199	-	-	-	-	removed some of tubing; frozen	JC
SRK08-SP8B	03-Nov-08	13:12	-	1.694	-	-	-	-	frozen; could not remove tubing	JC
SRK08-SPW1	03-Nov-08	14:43	10:53	4.337	600	6.08	940	2.3	smaller casing than previous	KW
SRK08-SPW2	03-Nov-08	16:05	10:11	5.425	400	7.03	6402	2.1	grey and turbid	KW

Water level taken but no sample collected

Table 2. QA/QC Samping in November 2008

Station	Date Collected	Time of Sampling	Time of Water Level	Water Level From Top of Casing (m)	Total Purge Volume (L)	pH	Conductivity (uS/cm)	Temperature (°C)	Sample Notes	Samplers	Sample Type
P03-09-07	04-Nov-08	9:09	9:09	3.449	2.5	6.82	1675	3.3	replicate - P03-09-08 in lab sheets	KW/EB/JC	Replicate
S2A	03-Nov-08	15:50	10:23	3.882	30	6.74	6085	2.4	replicate S2C in lab sheets	JC/KW	Replicate
SRK08-SP7B	03-Nov-08	16:10	10:32	1.276	85	7.36	6010	3.5	replicate SRK08-SP7C in lab sheets	JC	Replicate

AECOM
2251 2nd Avenue, Whitehorse, YT, Canada Y1A 5W1
T 867.633.6474 F 867.633.6321 www.aecom.com

Memorandum

Date: December 2, 2008
To: Memo to File
From: Elise Babyn
Project Number: 80633-1
Subject: 2008 Follow-up measures for 2007 Recommendations

Over the course of the 2007 sampling year, a number of observations were recorded regarding the status of various wells around the property. From these observations came a list of recommendations for future monitoring and maintenance measures that were to be followed up in future sampling programs. Following the official set of recommendations in the 2007 Groundwater Monitoring Report, follow-up measures were taken in 2008. Table 1. outlines recommendations for specific wells, and the actions taken during the 2008 sampling program.

Table 1. 2008 Follow-up to 2007 Well Monitoring Recommendations

Well	2007 Recommendation	2008 Follow-up
BH7 D/S	Continue to monitor any changes in well position relative to Ground Surface; Document well conditions with downhole camera before decommissioning	Pictures were taken of BH7 D/S position; no downhole camera monitoring occurred
BH10 A/B	Follow-up with condition of wells to determine usefulness of monitoring; field equipment has become stuck in wells during 2006 monitoring attempts	Wells were sampled successfully in May 2008
BH1	Stick-up on 1" well should be fixed, complete with addition of protective steel casing	No follow-up in respect to this issue
BH6	Observe occurance of winter frost-jacking with downhole camera	No downhole camera monitoring occurred
P01-02B	Fix riser pipe update database with new field stick-up measurements	Database was updated with new values for 2008
P96-6	Attempt to glue stick-up coupling (located at depth within outer steel casing)	Did not attempt
P96-8A	Should be sampled for hydrocarbons in 2008	Hydrocarbon analysis carried out in May 2008
P96-9A	Well should be examined with downhole camera, to investigate silca sand presence	No downhole camera monitoring occurred
S2A	Requires coupling at ground surface to be glued/sealed	Repairs did not occur; glue may comprimise ease of well sampling
TH86-17	obstruction (joint at 10.7m btoc) prevents tubing from reaching well bottom; investigate issue with downhole camera	Attempted to use downhole camera; but could not obtain a clear line of site
P03-08-02	Effort should be made to remove tubing (located at 5m depth); this could be difficult/impossible given the very small diameter of the sampling port	Tubing was not removed
X18A	Effort should be made to remove tubing lodged at the bottom of the well; it may cause errors in depth of well measurements	Tubing was not removed; No suspect of error in depth of well measurements
X21A-96	Well should be targeted for replicate sampling in spring 2008; to verify sulphate concentrations	Replicate samples were taken in May and September 2008

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Memorandum

Date:	December 2, 2008
To:	Memo to File
From:	Elise Babyn
Project Number:	80633-1
Subject:	Hydrocarbon Analysis at P96-8A

In September 2006, GLL field staff noted a distinct hydrocarbon smell in groundwater samples ETA-05-4 and P96-8A. As a follow-up measure, a hydrocarbon sample was collected from ETA-05-4 in October 2007. No hydrocarbon analysis was obtained for P96-8A at this time, and it was recommended that this sampling be done in 2008. As per these 2007 recommendations, P96-8A was sampled for hydrocarbons in May 2008. This memo will detail results of the hydrocarbon analysis carried out for P96-8A during the spring routine sampling event.

The hydrocarbon sample was collected in two 500 mL glass amber sample bottles and two 40 mL glass vials preserved with copper sulphate. The samples were then shipped to ALS Environmental in Vancouver for analysis. Table 1. outlines the results of the analysis, where it is noted that LEPH levels exceeded the Yukon Contaminated Sites Regulation (YCSR) Generic Water standards for Aquatic Life.

It is recommended that this well continue as part of the routine event analysis with any changes to surface sheening and/or odour intensity documented.

Attachments: - Table 1. 2008 Hydrocarbon Analysis Results for Well P96-8A

Table 1. 2008 Hydrocarbon Analysis Results for Well P96-8A

Location	Standard	P96-8A
Date	YCSR[a]	29-May-08
Polycyclic Aromatic Hydrocarbons (PAH)		
Acenaphthene	0.06	<0.00040
Acenaphthylene	-	<0.000050
Acridine	0.0005	<0.000050
Anthracene	0.001	<0.000050
Benz(a)anthracene	0.001	<0.000050
Benzo(a)pyrene	0.0001	<0.000010
Benzo(b)fluoranthene	-	<0.000050
Benzo(k)fluoranthene	-	<0.000050
Benzo(g,h,i)perylene	-	<0.000050
Chrysene	0.001	<0.000050
Dibenz(a,h)anthracene	-	<0.000050
Fluoranthene	0.002	<0.000050
Fluorene	0.12	0.000512
Indeno(1,2,3-c,d)pyrene	-	<0.000050
Naphthalene	0.01	<0.00070
Phenanthrene	0.003	0.000208
Pyrene	0.0002	<0.000050
Quinoline	0.034	<0.000050
Extractable Hydrocarbons		
EPH10-19	5	0.55
EPH19-32	-	<0.25
LEPH	0.5	0.55
HEPH	-	<0.25

Footnotes:

[a] *Yukon Contaminated Sites Regulation, Generic Numeric Water Standards Aquatic Life (2007)*

Results are expressed as milligrams per liter

< = Less than the detection limit indicated.

VPH = Volatile Petroleum Hydrocarbons in water.

EPH = Extractable Petroleum Hydrocarbons

LEPH & HEPH = Light and Heavy Extractable Petroleum Hydrocarbons

value exceeds YCSR standards

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Memorandum

Date: February 12, 2009
To: Memo to File
From: Kai Woloshyn/Jay Cherian
Project Number: 80633-2
Subject: Additional data collection at Monitoring Well near TH86-17

It was recommended that a review of available hydrogeological information and field reconnaissance of existing wells and their condition in the vicinity of TH86-17 (upgradient of the tailings facility) be completed (RGC, 2007). Thirteen wells were identified during a field reconnaissance visit during the May/June sampling event and their locations are shown on Figure C1. Five wells in the vicinity of TH86-17 were identified for sampling. TH13-86 and TH5-86 were sampled during the May/June sampling event and TH2-86, TH14-86 and TH15-86 were sampled during the September sampling event. Table C-1 outlines the field parameters and well construction details collected during the field investigations. Photographs of the identified wells from the reconnaissance trip are included in the photo log appended to this memo. The groundwater quality results for the above wells are presented in Table 6 of the annual report.

A search for well construction details was undertaken, however, the construction details for only one of the sampled wells, TH86-5, were found. While depth to bottom was measured at each of the wells, the screened interval for four of the wells remains unknown. A downhole camera inspection was attempted at TH86-17; however the visibility was too poor to discern well construction details. The water purged from all the wells in this area was black and turbid initially, and while they did become clearer after extensive purging, more well development would likely be required for future use of these wells. Well TH86-15 contained the remains of a dead animal, (substantially larger than a mouse, but difficult to identify). It is possible that TH86-14 also contained animal remains.

While these wells could potentially provide information about groundwater quality upgradient of the tailings impoundment, the condition of the wells is unknown, as are the well construction details, and it is therefore unclear whether or not useful information can be derived from the wells. Assessment of the water quality from the wells will provide a further indication of the potential of these wells for background water quality data.

Attachments: - Table 1. 2008 Field Parameters of TH Wells
- Photo Log 1
- Figure C1 TH Wells Upgradient of Tailings Impoundment

Table 1. 2008 Field Parameters of TH wells

Well Name	Log? Yes or No	GPS Co-ordinates	Well Diameter	Construction Material	DTB	DTW	Stick-up	Sampling Date	pH	Conductivity µs/cm	Temperature °C	Comments
					mBTOC	mBTOC	mabgs					
TH4-86	Yes	583527 E 6912458N	2"	Steel Well	-	-	~10 ft					20ft North of Rose Creek, Too tall to sample, possibly frost jacked.
TH31-86	No	583593E 6912446N	2"	Steel Well	12.695	3.16	2.08					Casing Welded Shut; access via platform required -**NOT SAMPLEABLE**
TH13-86	No	583321E 6912511N	2"	Steel Well	12.13	2.253	1.42	5-Jun-08	7.12	214	3.8	Sampled using honda pump with no assist. 165 liters purged. Water was black and did not clear
TH14-86	No	583331E 6912566N	2"	Steel Well	15.103	5.066	1.136	17-Sep-08	7.03	303	6.1	120 liters of black water purged using honda pump with assist. Animal parts blocked foot valve.
TH15-86	No	583376E 6912581N	2"	Steel Well	14.7	5.774	0.925	17-Sep-08	6.63	237	5.7	Black water with animal partsthat blocked foot valve. Manually purged well of 125 liters.
TH16-86	No	583788E 6912529N	2"	Steel Well	9.775	8.935	1.182					Soft Bottom, no tubing; has no well cap, cap provided.
TH5-86	Yes	583589E 6912571N	2"	Steel Well	29.97	7.993	1.22	30-May-08	7.06	762	4.8	180 liters of black water purged using honda pump with assist.Well log shows 5' Screen from 99' - 104'.
TH29-86	No	583553E 6912490N	21cm	Steel Well	-	-	-					Welded Shut with small slit on top of lid.
TH34-86 (well name uncertain)	-	-	2"	Steel Well	-	-	-					Could be Well 3-86; in large pond of water; too deep to access.
TH20-86	Yes	583554E 6912496N	17cm	Steel Well	-	-	-					Welded shut with 6cm hole at top; next to 60cm drum with lid welded on;
TH2-86	No	583536E 6912494N	2"	Steel Well	2.98	2.98	1.185	18-Sep-08	6.50	334	4.6	Frozen in May at depth to water.
P81-09	No	583411E 6912590N	17cm	1 1/2 " PVC	12.124	5.734	0.84					Steel Casing; stickup measured to top of pipe.
TW40	No	583427E 6912542N	15cm	Steel Well	2.485	-	0.8					DTB - well dry or frozen at 2.485 mbtoc .

PHOTOGRAPHS

Site TH5-86 on May 30, 2008.

Site TH2-86 on May 30, 2008.

PHOTOGRAPHS

Site TH20-86 on May 30, 2008

Site TH29-86 onMay 30, 2008.

PHOTOGRAPHS

Site TH31-96 on May 30, 2008.

Site TH4-86 on May 30, 2008.

PHOTOGRAPHS

Site TH13-86 on May 30, 2008.

Site TH14-86 on May 30, 2008.

PHOTOGRAPHS

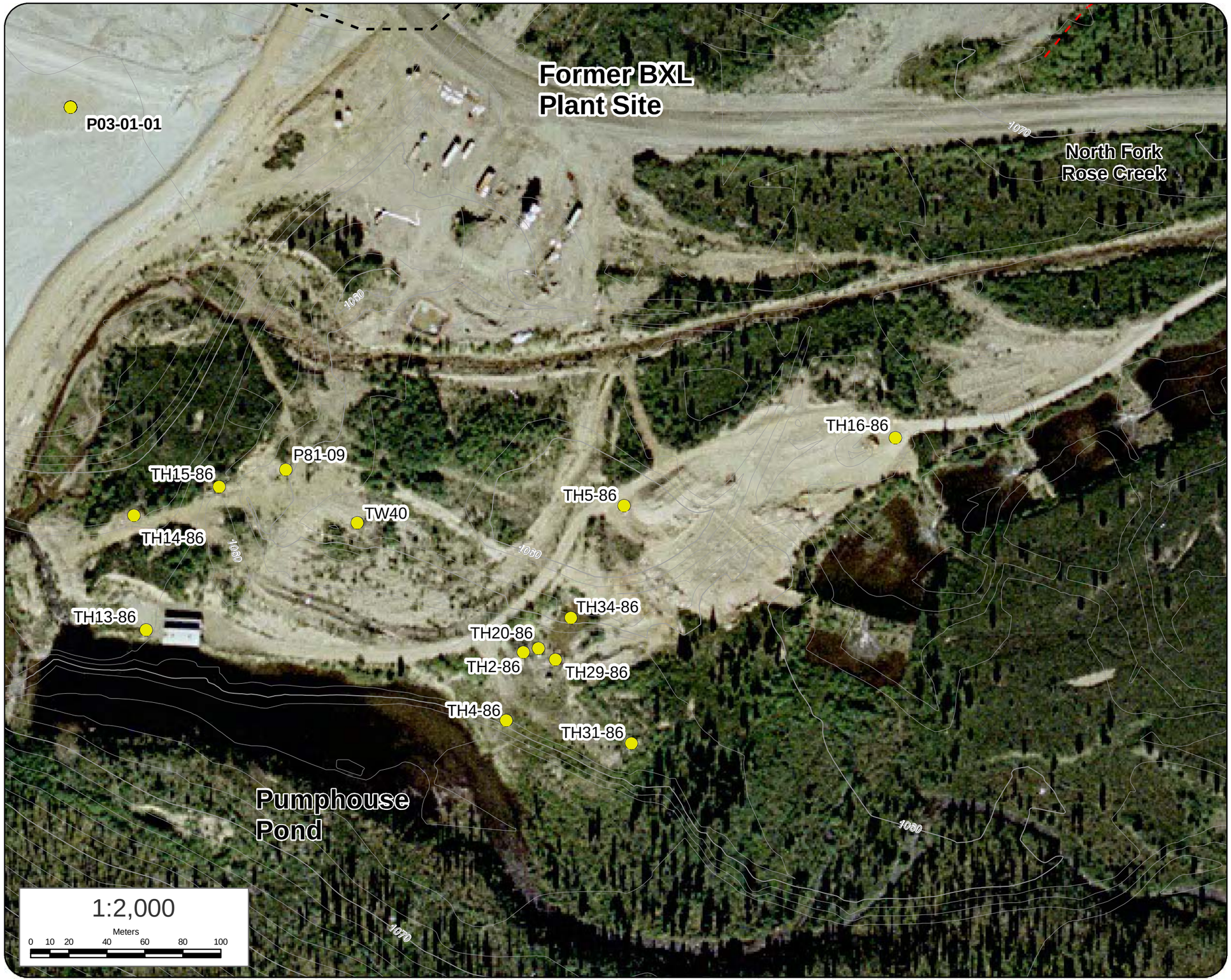
Site TH15-86 on May 30, 2008.

Site P81-09 on May 30, 2008.

PHOTOGRAPHS

Site TW40 on May 30, 2008.

Site TH34-86 (name unclear) on May 30, 2008.



Legend

- Water Wells
- Impoundment (original)
- Foot
- ATV
- Truck

DATA SOURCES AND DISCLAIMERS:

Basemap: Orthoshop, Calgary, AB, November 2003. Prepared for SRK Consulting. Based on August 2003 aerial photography.

Projection: UTM Zone 8 NAD27
Created By: RH
Reviewed By:
Date Issued: February 2009
Project Number: 80633-2
File Name: Fig3_80633-2_rpt_Feb_2009.mxd
Revision: 0

Deloitte & Touche Inc.
FARO MINE COMPLEX

TH Wells Up Gradient
Of Tailings Impoundment

AECOM

Figure No.
C1

Appendix D

YES Survey Letter Report

AECOM
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Gartner Lee Limited doing business as AECOM

October 14, 2008 Project Number: 80635

By Email

Deloitte and Touche Inc.
30 Wellington St. West
P.O. Box 400, Stn. Commerce Court
Toronto, ON M5L 1B1

Attention: Douglas Sedgwick

Dear Douglas:

Re: Faro Mine Complex (Anvil Range) – D&T Project #26-3: Well Topographic Survey for 2008

Attached is Yukon Engineering Services' (YES's) letter report, dated October 8, 2008, along with their spreadsheets for the topographic Survey data collected in August 2008. Included are the data for the additional SRK wells, which were requested for pick-up following approval of the original scope of work. The X and Y (northing and easting) data are reported in NAD83, whereas the historical topographic data is in NAD 27. We will email you the original YES Excel data spreadsheets for your use.

Also attached is AECOM's spreadsheet that presents the groundwater wells topographic survey data and the differences in data between the data collected by YES in August 2008 and the data used historically for the site assessments. The differences in elevations can be explained by the following:

- using the NAD 83 rather than NAD 27 datum reference;
- the physical part of the groundwater well to which the elevation refers (e.g. top of casing vs top of piezometer);
- Shifting of well (i.e. heaving); and
- actual differences in accuracies in elevation determinations (e.g. accuracy of a hand held GPS vs accuracy of YES's survey technique and equipment).

Users of the data will have to determine whether the data differences are significant for their past and on-going assessments.

AECOM

Please contact the undersigned should you have any questions.

Sincerely,
Gartner Lee Limited doing business as AECOM

Greg Bull, M.Eng., P.Eng.
Faro Projects Director/ Senior Environmental Engineer
Greg.Bull@aecom.com

GB:sg

Attachment: YES Letter Report & Spreadsheets
AECOM's Topographic Survey Data Summary Spreadsheet

cc Stephen Mead, Sr. Project Manager, Faro Project Management Team (**By Email**)
Deborah Pitt, Project Manager, Faro Project Management Team (**By Email**)
Bill Slater, Technical Advisor, Faro Project Management Team (**By Email**)
Cam Scott, Principal Consultant, SRK Consulting (**By Email**)

YUKON ENGINEERING SERVICES

#1 Calcite Business Centre
151 Industrial Road
Whitehorse, Yukon, Canada
Y1A 2V3
Tel. (867) 668-2000 Fax. (867) 667-2220

October 8th, 2008
Our File: E08-048

Gartner Lee
2251 – 2nd Avenue
Whitehorse, Yukon
Y1A 5W1

Attention: Mr. Greg Bull

Re: Faro Well Site Survey

YES was contracted by Gartner Lee to survey in a series of monitoring wells within the decommissioned mine at Faro, Yukon. The field services were performed between August 12th and 16th, 2008.

The information was gathered in UTM NAD83 coordinates, geodetic elevations and the GSD95 geoid model. Real Time Kinematic (RTK) GPS surveying methods were used (averaging 24 epochs) generating values within a 2-3cm horizontal and vertical accuracy.

All of the monitoring wells have been tagged with a unique number for future referencing.

Should you have any questions on concerns please feel free to contact me.

Sincerely,

Marshall Hatton

UTM NAD83 Coordinates, ZONE 8, Geodetic Elevations, GSD95 Geoid
Faro Mine 2008 Monitoring Well Survey

Survey Shot No.	NORTHING	EASTING	ELEVATION	STATION	YES TAG NUMBER	Comments
10000	6914712.50	579987.67	1019.27	X18A	Y15540	Top of Piezometer
10001	6914712.55	579987.66	1019.26	X18B	Y15540	Top of Piezometer
10002	6914647.21	579757.58	1014.69	X17A	Y15541	Top of Piezometer
10003	6914646.05	579756.93	1015.22	X17B	Y15541	Top of Piezometer
10004	6914854.11	579700.88	1015.86	P01-01A	Y15542	Top of Piezometer
10005	6914854.16	579700.86	1015.82	P01-01B	Y15542	Top of Piezometer
10006	6914509.48	580060.57	1018.00	P05-01	Y15543	Top of Centre Stalk
10007	6914509.57	580060.57	1017.84	P05-01-1	Y15543	Top of Piezometer
10008	6914509.54	580060.51	1017.89	P05-01-2	Y15543	Top of Piezometer
10009	6914509.51	580060.54	1017.92	P05-01-3	Y15543	Top of Piezometer
10010	6914509.50	580060.53	1017.95	P05-01-4	Y15543	Top of Piezometer
10011	6914509.48	580060.57	1017.97	P05-01-5	Y15543	Top of Piezometer
10012	6914509.55	580060.51	1017.99	P05-01-6	Y15543	Top of Piezometer
10013	6914486.91	580096.33	1018.04	P01-11	Y15544	Top of Piezometer
10014	6914460.48	580052.36	1017.35	RGC-PW-1	Y15545	Top of Piezometer
10015	6914456.89	580048.94	1016.98	MW-1	Y15546	Top of Piezometer
10016	6914439.24	580038.84	1016.91	P05-02	Y15547	Top of Piezometer
10017	6914374.69	579995.55	1018.24	MW-2	Y15548	Top of Piezometer
10018	6914369.70	579993.46	1018.64	RGC-PW-2	Y15549	Top of Piezometer
10019	6914345.55	579983.08	1019.79	P5-03	Y15550	Top of Piezometer
10020	6914409.95	579948.26	1018.65	P3-09	Y15551	Top of Centre Stalk
10021	6914409.94	579948.26	1018.50	P3-09-1	Y15551	Top of Piezometer
10022	6914409.93	579948.34	1018.53	P3-09-2	Y15551	Top of Piezometer
10023	6914409.88	579948.31	1018.54	P3-09-3	Y15551	Top of Piezometer
10024	6914409.96	579948.32	1018.57	P3-09-4	Y15551	Top of Piezometer
10025	6914409.94	579948.37	1018.60	P3-09-5	Y15551	Top of Piezometer
10026	6914409.95	579948.33	1018.61	P3-09-6	Y15551	Top of Piezometer
10027	6914409.92	579948.31	1018.62	P3-09-7	Y15551	Top of Piezometer
10028	6914409.92	579948.34	1018.63	P3-09-8	Y15551	Top of Piezometer
10029	6914410.04	579948.25	1018.65	P3-09-9	Y15551	Top of Piezometer
10030	6914223.85	579963.17	1019.55	P1-02A	Y15552	Top of Piezometer
10031	6914223.97	579963.29	1020.52	P1-02B	Y15552	Top of Piezometer
10032	6914841.01	579447.41	1015.31	X16-A	Y15553	Top of Piezometer
10033	6914841.06	579447.43	1015.49	X16-B	Y15553	Top of Piezometer
10034	6914074.40	580378.32	1031.80	P01-04A	Y15554	Top of Piezometer
10035	6914074.42	580378.33	1031.77	P01-04B	Y15554	Top of Piezometer
10036	6914120.59	580416.07	1032.07	X25A	Y15555	Top of Piezometer
10037	6914120.50	580416.11	1032.04	X25B	Y15555	Top of Piezometer
10038	6914252.39	580520.91	1032.12	P01-03	Y15556	Top of Piezometer
10039	6914298.58	580549.93	1033.01	X24D	Y15557	Top of Piezometer
10040	6914298.91	580551.69	1033.15	X24A	Y15558	Top of Piezometer
10041	6914298.85	580551.72	1033.08	X24C	Y15558	Top of Piezometer
10042	6914298.93	580551.76	1033.04	X24B	Y15558	Top of Piezometer
10043	6913695.38	580863.34	1048.44	P03-08	Y15559	Top of Centre Stalk
10044	6913695.40	580863.22	1048.31	P03-08-1	Y15559	Top of Piezometer
10045	6913695.33	580863.26	1048.33	P03-08-2	Y15559	Top of Piezometer
10046	6913695.40	580863.23	1048.34	P03-08-3	Y15559	Top of Piezometer
10047	6913695.28	580863.25	1048.38	P03-08-4	Y15559	Top of Piezometer
10048	6913695.19	580863.22	1048.38	P03-08-5	Y15559	Top of Piezometer
10049	6913695.30	580863.24	1048.42	P03-08-6	Y15559	Top of Piezometer
10050	6913695.32	580863.25	1048.42	P03-08-7	Y15559	Top of Piezometer
10051	6913695.34	580863.26	1048.44	P03-08-8	Y15559	Top of Piezometer
10052	6913682.86	581902.39	1052.57	P01-06	Y15560	Top of Piezometer
10053	6913591.52	581886.26	1052.25	X21A	Y15561	Top of Piezometer
10054	6913591.43	581886.31	1052.30	X21B	Y15561	Top of Piezometer
10055	6913591.49	581886.23	1052.38	X21C	Y15561	Top of Piezometer
10056	6913475.73	581633.52	1050.40	P01-05B	Y15562	Top of Piezometer
10057	6913479.11	581634.44	1050.77	P01-05A CASE	Y15563	**Top of Casing - cap could not be removed**

UTM NAD83 Coordinates, ZONE 8, Geodetic Elevations, GSD95 Geoid Faro Mine 2008 Monitoring Well Survey						
10058	6913692.41	581755.72	1051.82	NA-05-2D	Y15564	Top of Piezometer
10059	6913696.80	581755.88	1051.86	NA-05-2S	Y15565	Top of Piezometer
10060	6913366.82	581967.47	1061.30	P03-04	Y15566	Top of Centre Stalk
10061	6913366.94	581967.37	1061.12	P03-04-1	Y15566	Top of Piezometer
10062	6913367.01	581967.61	1061.13	P03-04-2	Y15566	Top of Piezometer
10063	6913367.04	581967.49	1061.16	P03-04-3	Y15566	Top of Piezometer
10064	6913367.07	581967.55	1061.16	P03-04-4	Y15566	Top of Piezometer
10065	6913367.09	581967.62	1061.18	P03-04-5	Y15566	Top of Piezometer
10066	6913367.07	581967.46	1061.20	P03-04-6	Y15566	Top of Piezometer
10067	6913366.98	581967.49	1061.22	P03-04-7	Y15566	Top of Piezometer
10068	6913366.94	581967.61	1061.25	P03-04-8	Y15566	Top of Piezometer
10069	6913366.93	581967.53	1061.29	P03-04-9	Y15566	Top of Piezometer
10070	6913322.85	582068.32	1060.96	P01-07D	Y15567	Top of Piezometer
10071	6913322.76	582068.30	1060.87	P01-07E	Y15567	Top of Piezometer
10072	6913311.33	582111.24	1060.73	P01-07A	Y15568	Top of Piezometer
10073	6913316.03	582109.16	1060.69	P01-07B	Y15569	Top of Piezometer
10074	6913320.11	582107.27	1060.72	P01-07C	Y15570	Top of Piezometer
10075	6913489.76	582455.61	1062.90	P03-06	Y15571	Top of Centre Stalk
10076	6913489.80	582455.55	1062.74	P03-06-1	Y15571	Top of Piezometer
10077	6913489.54	582455.47	1062.76	P03-06-2	Y15571	Top of Piezometer
10078	6913489.64	582455.53	1062.80	P03-06-3	Y15571	Top of Piezometer
10079	6913489.58	582455.49	1062.83	P03-06-4	Y15571	Top of Piezometer
10080	6913489.62	582455.49	1062.85	P03-06-5	Y15571	Top of Piezometer
10081	6913489.75	582455.60	1062.87	P03-06-6	Y15571	Top of Piezometer
10082	6913489.76	582455.59	1062.89	P03-06-7	Y15571	Top of Piezometer
10083	6913459.57	582592.98	1065.01	P03-07	Y15572	Top of Centre Stalk
10084	6913459.60	582592.97	1064.85	P03-07-1	Y15572	Top of Piezometer
10085	6913459.50	582592.97	1064.88	P03-07-2	Y15572	Top of Piezometer
10086	6913459.57	582593.01	1064.91	P03-07-3	Y15572	Top of Piezometer
10087	6913459.54	582592.94	1064.95	P03-07-4	Y15572	Top of Piezometer
10088	6913459.57	582592.92	1064.97	P03-07-5	Y15572	Top of Piezometer
10089	6913459.59	582592.93	1064.99	P03-07-6	Y15572	Top of Piezometer
10090	6913459.63	582592.98	1065.01	P03-07-7	Y15572	Top of Piezometer
10091	6913459.71	582592.89	1064.93	P03-07-8	Y15572	Top of Piezometer
10092	6913087.38	583102.74	1065.12	P01-10A	Y15573	Top of Piezometer
10093	6913083.56	583101.37	1065.05	P01-10B	Y15574	Top of Piezometer
10094	6913152.27	583194.00	1068.33	NA-05-11A	Y15575	Top of Piezometer
10095	6912761.35	583184.16	1061.23	P03-01	Y15576	Top of Centre Stalk
10096	6912761.43	583184.16	1061.02	P03-01-1	Y15576	Top of Piezometer
10097	6912761.45	583184.15	1061.04	P03-01-2	Y15576	Top of Piezometer
10098	6912761.42	583184.16	1061.09	P03-01-3	Y15576	Top of Piezometer
10099	6912761.43	583184.17	1061.12	P03-01-4	Y15576	Top of Piezometer
10100	6912761.40	583184.19	1061.15	P03-01-5	Y15576	Top of Piezometer
10101	6912761.44	583184.18	1061.18	P03-01-6	Y15576	Top of Piezometer
10102	6912761.44	583184.18	1061.20	P03-01-7	Y15576	Top of Piezometer
10103	6912761.44	583184.15	1061.22	P03-01-8	Y15576	Top of Piezometer
10104	6912761.45	583184.13	1061.23	P03-01-9	Y15576	Top of Piezometer
10105	6912818.40	583078.30	1061.25	P01-09A	Y15577	Top of Piezometer
10106	6912816.54	583076.45	1061.25	P01-09B	Y15578	Top of Piezometer
10107	6912825.56	583075.24	1061.31	P01-09C	Y15579	Top of Piezometer
10108	6912825.59	583075.23	1061.30	P01-09D	Y15579	Top of Piezometer
10109	6912753.24	583017.64	1060.72	P03-02	Y15580	Top of Centre Stalk
10110	6912753.19	583017.72	1060.51	P03-02-1	Y15580	Top of Piezometer
10111	6912753.21	583017.68	1060.54	P03-02-2	Y15580	Top of Piezometer
10112	6912753.20	583017.66	1060.57	P03-02-3	Y15580	Top of Piezometer
10113	6912753.22	583017.67	1060.59	P03-02-4	Y15580	Top of Piezometer
10114	6912753.20	583017.68	1060.62	P03-02-5	Y15580	Top of Piezometer
10115	6912753.20	583017.66	1060.65	P03-02-6	Y15580	Top of Piezometer
10116	6912753.18	583017.67	1060.67	P03-02-7	Y15580	Top of Piezometer
10117	6912753.18	583017.61	1060.69	P03-02-8	Y15580	Top of Piezometer
10118	6912753.18	583017.58	1060.72	P03-02-9	Y15580	Top of Piezometer

UTM NAD83 Coordinates, ZONE 8, Geodetic Elevations, GSD95 Geoid Faro Mine 2008 Monitoring Well Survey						
10119	6912879.42	582951.02	1061.62	P03-03	Y15581	Top of Centre Stalk
10120	6912879.33	582951.00	1061.44	P03-03-1	Y15581	Top of Piezometer
10121	6912879.33	582951.01	1061.47	P03-03-2	Y15581	Top of Piezometer
10122	6912879.38	582951.02	1061.50	P03-03-3	Y15581	Top of Piezometer
10123	6912879.35	582951.01	1061.52	P03-03-4	Y15581	Top of Piezometer
10124	6912879.34	582951.01	1061.54	P03-03-5	Y15581	Top of Piezometer
10125	6912879.37	582950.97	1061.57	P03-03-6	Y15581	Top of Piezometer
10126	6912879.39	582950.97	1061.59	P03-03-7	Y15581	Top of Piezometer
10127	6912879.33	582950.95	1061.60	P03-03-8	Y15581	Top of Piezometer
10128	6912879.32	582950.95	1061.61	P03-03-9	Y15581	Top of Piezometer
10129	6912816.98	582813.96	1060.73	NA-05-9S	Y15582	Top of Piezometer
10130	6912815.50	582816.43	1060.83	NA-05-9D	Y15583	Top of Piezometer
10131	6913115.24	582487.50	1060.55	P03-05	Y15584	Top of Centre Stalk
10132	6913115.12	582487.50	1060.42	P03-05-1	Y15584	Top of Piezometer
10133	6913115.28	582487.53	1060.44	P03-05-2	Y15584	Top of Piezometer
10134	6913115.20	582487.56	1060.47	P03-05-3	Y15584	Top of Piezometer
10135	6913115.26	582487.57	1060.50	P03-05-4	Y15584	Top of Piezometer
10136	6913115.24	582487.57	1060.51	P03-05-5	Y15584	Top of Piezometer
10137	6913115.22	582487.55	1060.51	P03-05-6	Y15584	Top of Piezometer
10138	6913115.24	582487.58	1060.53	P03-05-7	Y15584	Top of Piezometer
10139	6913115.20	582487.64	1060.53	P03-05-8	Y15584	Top of Piezometer
10140	6913303.56	582476.53	1063.66	P01-08-A	Y15585	Top of Piezometer
10141	6913297.41	582479.75	1064.19	P01-08-B	Y15586	Top of Piezometer
10142	6913293.05	582478.91	1063.93	P01-08-C	Y15587	Top of Piezometer
10143	6913998.99	582872.76	1104.63	SRK04-3A	Y15588	Top of Piezometer
10144	6913998.95	582872.71	1104.71	SRK04-3B	Y15588	Top of Piezometer
10145	6914012.24	582872.93	1104.84	SRK04-4	Y15589	Top of Piezometer
10146	6914020.76	582867.58	1105.23	SRK05-ETA-BR1	Y15590	Top of Piezometer
10147	6914025.04	582848.43	1105.14	ETA-05-1	Y15591	Top of Piezometer
10148	6914030.95	582872.82	1105.44	ETA-05-5	Y15592	Top of Piezometer
10149	6914023.05	582888.03	1105.07	ETA-05-2	Y15593	Top of Piezometer
10150	6914032.20	582940.55	1105.41	ETA-05-4	Y15594	Top of Piezometer
10151	6913999.58	582882.85	1103.75	SRK05-ETA-BR2	Y15595	Top of Piezometer
10152	6913982.51	582870.19	1103.97	ETA-05-3	Y15596	Top of Piezometer
10153	6914073.83	583225.00	1109.43	P96-8A	Y15597	Top of Piezometer
10154	6914073.81	583224.92	1109.50	P96-8B	Y15597	Top of Piezometer
10155	6912658.47	583846.54	1069.32	TH86-17	Y15598	Top of Piezometer
10156	6913285.53	584127.69	1126.35	P96-7	Y15599	Top of Piezometer
10157	6913149.17	584387.13	1097.74	SRK05-SP-6	Y15600	Top of Piezometer
10158	6913130.55	584470.95	1087.51	SRK05-SP-5	Y15601	Top of Piezometer
10159	6913117.94	584472.90	1086.05	S2A	Y15602	Top of Piezometer
10160	6913117.86	584472.96	1086.37	S2B	Y15602	Top of Piezometer
10161	6913116.32	584434.30	1085.35	S1A	Y15603	Top of Piezometer
10162	6913116.43	584434.22	1085.20	S1B	Y15603	Top of Piezometer
10163	6913075.24	584409.31	1081.92	DP3	Y15604	Top of Piezometer
10164	6913085.62	584430.43	1082.25	DP4	Y15605	Top of Piezometer
10165	6913077.54	584450.01	1081.66	DP2		**Casing bent over onto stream bank - surveyed top of pipe in water**
10166	6913092.25	584480.59	1085.63	S3	Y15606	Top of Piezometer
10167	6913113.62	584506.02	1087.36	SRK05-SP-4B	Y15607	Top of Piezometer
10168	6913113.35	584507.07	1087.31	SRK05-SP-4A	Y15608	Top of Piezometer
10169	6913062.04	584525.25	1083.98	DP1	Y15609	Top of Piezometer
10170	6913098.46	584546.71	1088.51	SRK05-SP3A	Y15610	Top of Piezometer
10171	6913098.11	584547.42	1088.49	SRK05-SP3B	Y15611	Top of Piezometer
10172	6913075.40	584621.92	1091.90	SRK05-SP-1B	Y15612	Top of Piezometer
10173	6913075.23	584622.72	1091.81	SRK05-SP-1A	Y15613	Top of Piezometer
10174	6913035.76	584686.27	1086.69	SRK05-SP-2	Y15614	Top of Piezometer
10175	6913705.49	585161.87	1098.94	BH1	Y15615	Top of Piezometer
10176	6913713.61	585127.60	1100.57	BH7	Y15616	Top of Piezometer
10177	6913714.35	585127.65	1101.31	BH7	Y15617	Top of Piezometer
10178	6913707.17	585085.94	1101.77	BH10A	Y15618	Top of Piezometer

UTM NAD83 Coordinates, ZONE 8, Geodetic Elevations, GSD95 Geoid Faro Mine 2008 Monitoring Well Survey						
10179	6913707.16	585085.94	1101.79	BH10B	Y15618	Top of Piezometer
10180	6913697.35	585101.51	1099.47	BH2	Y15619	Top of Piezometer
10181	6913675.88	585133.90	1099.40	BH05-01	Y15620	Top of Piezometer
10182	6913640.97	585093.91	1097.66	BH6	Y15621	Top of Piezometer
10183	6913649.42	585119.23	1097.69	P05-04	Y15622	Top of Piezometer
10184	6913645.89	585113.91	1097.85	RGC-PW3	Y15623	Top of Piezometer
10185	6913641.62	585142.67	1097.10	BH4	Y15624	Top of Piezometer
10186	6913625.22	585155.45	1095.52	DP5	Y15625	Top of Piezometer
10187	6913529.05	585109.45	1094.94	DP6	Y15626	Top of Piezometer
10188	6913551.47	585089.50	1095.53	BH5	Y15627	Top of Piezometer
10189	6913312.68	584905.67	1102.14	P96-06	Y15628	Top of Piezometer
10190	6913776.92	585145.63	1122.21	BH-08	Y15629	Top of Piezometer
10191	6913811.71	585101.03	1140.41	BH-09	Y15630	Top of Piezometer
10192	6914011.30	585584.61	1156.44	BH-14A	Y15631	Top of Piezometer
10193	6914011.27	585584.83	1156.86	BH-14B	Y15631	Top of Piezometer
10194	6903165.45	592927.66	1073.82	SRK05-06	Y15632	Top of Piezometer
10195	6903160.38	592953.98	1072.16	SRK05-09	Y15633	Top of Piezometer
10196	6903383.13	592768.38	1104.13	SRK05-05C	Y15634	Top of Piezometer
10197	6903382.03	592767.98	1103.94	SRK04-05A	Y15635	Top of Piezometer
10198	6903381.92	592768.00	1103.97	SRK04-05B	Y15635	Top of Piezometer
10199	6903346.86	592642.62	1101.01	BH05-9B-R	Y15636	Top of Piezometer
10200	6903346.28	592651.38	1100.14	P96-9A	Y15637	Top of Piezometer
10201	6903346.24	592651.56	1100.28	P96-9BCASE	Y15637	**Top of Casing - cap could not be removed**
10202	6903237.80	592585.72	1105.25	SRK05-08	Y15638	Top of Piezometer
10203	6903186.21	592372.72	1107.14	SRK-05-07	Y15639	Top of Piezometer
10204	6903080.27	593315.70	1115.73	V-37	Y15640	Top of Piezometer
10205	6902916.60	593138.28	1118.36	V-36	Y15641	Top of Piezometer
10206	6902881.57	593100.56	1120.00	P2001-03	Y15642	Top of Piezometer
10207	6902864.35	593135.39	1122.78	P2001-02A	Y15643	Top of Piezometer
10208	6902864.40	593135.46	1122.77	P2001-02B	Y15643	Top of Piezometer
10209	6902476.14	593432.06	1117.32	V-34	Y15644	Top of Piezometer
10210	6902554.81	593181.26	1117.39	V-35	Y15645	Top of Piezometer
10216	6913916.19	584776.21	1166.85	X26	Y15651	Top of Piezometer
10217	6914248.56	585761.99	1160.28	BH12A	Y15652	Top of Piezometer
10218	6914248.59	585762.00	1160.13	BH12B	Y15652	Top of Piezometer
10219	6914495.53	585751.66	1183.26	BH13A	Y15653	Top of Piezometer
10220	6914494.49	585751.73	1183.52	BH13B	Y15654	Top of Piezometer

UTM NAD83 Coordinates, ZONE 8, Geodetic Elevations, GSD95 Geoid Faro Mine 2008 Monitoring Well Survey						
Survey Shot No.	**NORTHING**	**EASTING**	**ELEVATION**	**STATION**	**YES TAG NUMBER**	**Comments**
10211	6902617.10	593234.99	1136.17	P94-01A	Y15646	Top of Piezometer
10212	6902613.72	593240.12	1136.44	P94-01B	Y15647	Top of Piezometer
10213	6902748.06	593174.53	1138.15	P94-02A	Y15648	Top of Piezometer
10214	6902745.53	593174.43	1138.32	P94-02B	Y15649	Top of Piezometer
10215	6902702.62	593153.15	1130.43	P94-02C	Y15650	Top of Piezometer

YUKON ENGINEERING SERVICES

AECOM's Topographic Survey Data Summary Spreadsheet

	2008 Survey NAD83				Original Surveys NAD27 (converted to NAD83 for comparison)			Positional Difference (metres) 2008 Survey minus Original Survey (*)			
STATION	YES_TAG_NU	Northing	Easting	Elevation	Northing	Easting	Elevation	Northing	Easting	Elevation	Comments
X18A	Y15540	6914712.50	579987.67	1019.27	6914713.55	580000.49		-1.05	-12.82		Top of Piezometer
X18B	Y15540	6914712.55	579987.66	1019.26	6914713.55	580000.49		-1.00	-12.83		Top of Piezometer
X17A	Y15541	6914647.21	579757.58	1014.69	6914649.55	579769.49		-2.34	-11.91		Top of Piezometer
X17B	Y15541	6914646.05	579756.93	1015.22	6914649.55	579769.49		-3.50	-12.56		Top of Piezometer
P01-01A	Y15542	6914854.11	579700.88	1015.86	6914849.55	579714.49	1015.38	4.56	-13.61	0.48	Top of Piezometer
P01-01B	Y15542	6914854.16	579700.86	1015.82	6914849.55	579714.49	1015.38	4.61	-13.63	0.44	Top of Piezometer
P05-01	Y15543	6914509.48	580060.57	1018.00							Top of Centre Stalk
P05-01-01	Y15543	6914509.57	580060.57	1017.84	6914509.55	580060.49	1017.32	0.02	0.08	0.52	Top of Piezometer
P05-01-02	Y15543	6914509.54	580060.51	1017.89	6914509.55	580060.49	1017.32	-0.01	0.02	0.57	Top of Piezometer
P05-01-03	Y15543	6914509.51	580060.54	1017.92	6914509.55	580060.49	1017.32	-0.04	0.05	0.60	Top of Piezometer
P05-01-04	Y15543	6914509.50	580060.53	1017.95	6914509.55	580060.49	1017.32	-0.05	0.04	0.63	Top of Piezometer
P05-01-05	Y15543	6914509.48	580060.57	1017.97	6914509.55	580060.49	1017.32	-0.07	0.08	0.65	Top of Piezometer
P05-01-06	Y15543	6914509.55	580060.51	1017.99	6914509.55	580060.49	1017.32	0.00	0.02	0.67	Top of Piezometer
P01-11	Y15544	6914486.91	580096.33	1018.04	6914480.55	580109.49	1017.28	6.36	-13.16	0.76	Top of Piezometer
RGC-PW1	Y15545	6914460.48	580052.36	1017.35	6914460.55	580052.49		-0.07	-0.13		Top of Piezometer
MW1	Y15546	6914456.89	580048.94	1016.98	6914456.55	580048.49	1016.31	0.34	0.45	0.67	Top of Piezometer
P05-02	Y15547	6914439.24	580038.84	1016.91	6914439.55	580038.49	1015.74	-0.31	0.35	1.18	Top of Piezometer
MW2	Y15548	6914374.69	579995.55	1018.24	6914374.55	579995.48	1017.45	0.14	0.07	0.79	Top of Piezometer
RGC-PW2	Y15549	6914369.70	579993.46	1018.64	6914369.55	579993.48		0.15	-0.02		Top of Piezometer
P05-03	Y15550	6914345.55	579983.08	1019.79	6914345.55	579983.48	1018.94	0.00	-0.40	0.85	Top of Piezometer
P03-09	Y15551	6914409.95	579948.26	1018.65							Top of Centre Stalk
P03-09-01	Y15551	6914409.94	579948.26	1018.50	6914403.55	579960.48	1017.82	6.39	-12.22	0.68	Top of Piezometer
P03-09-02	Y15551	6914409.93	579948.34	1018.53	6914403.55	579960.48	1017.82	6.38	-12.14	0.71	Top of Piezometer
P03-09-03	Y15551	6914409.88	579948.31	1018.54	6914403.55	579960.48	1017.82	6.33	-12.17	0.72	Top of Piezometer
P03-09-04	Y15551	6914409.96	579948.32	1018.57	6914403.55	579960.48	1017.82	6.41	-12.16	0.75	Top of Piezometer
P03-09-05	Y15551	6914409.94	579948.37	1018.60	6914403.55	579960.48	1017.82	6.39	-12.11	0.78	Top of Piezometer
P03-09-06	Y15551	6914409.95	579948.33	1018.61	6914403.55	579960.48	1017.82	6.40	-12.15	0.79	Top of Piezometer
P03-09-07	Y15551	6914409.92	579948.31	1018.62	6914403.55	579960.48	1017.82	6.37	-12.17	0.80	Top of Piezometer
P03-09-08	Y15551	6914409.92	579948.34	1018.63	6914403.55	579960.48	1017.82	6.37	-12.14	0.81	Top of Piezometer
P03-09-09	Y15551	6914410.04	579948.25	1018.65	6914403.55	579960.48	1017.82	6.49	-12.23	0.83	Top of Piezometer
P01-02A	Y15552	6914223.85	579963.17	1019.55	6914218.55	579976.48	1019.03	5.30	-13.31	0.52	Top of Piezometer
P01-02B	Y15552	6914223.97	579963.29	1020.52	6914218.55	579976.48	1019.03	5.42	-13.19	1.49	Top of Piezometer
X16A	Y15553	6914841.01	579447.41	1015.31	6914846.54	579433.49		-5.53	13.92		Top of Piezometer
X16B	Y15553	6914841.06	579447.43	1015.49	6914846.54	579433.49		-5.48	13.94		Top of Piezometer
P01-04A	Y15554	6914074.40	580378.32	1031.80	6914067.55	580391.48	1031.39	6.85	-13.16	0.41	Top of Piezometer
P01-04B	Y15554	6914074.42	580378.33	1031.77	6914067.55	580391.48	1031.39	6.87	-13.15	0.38	Top of Piezometer
X25A-96	Y15555	6914120.59	580416.07	1032.07	6914119.55	580414.48		1.04	1.59		Top of Piezometer
X25B-96	Y15555	6914120.50	580416.11	1032.04	6914119.55	580414.48		0.95	1.63		Top of Piezometer
P01-03	Y15556	6914252.39	580520.91	1032.12	6914230.55	580512.49	1031.65	21.84	8.42	0.47	Top of Piezometer
X24D-96	Y15557	6914298.58	580549.93	1033.01	6914298.55	580550.49		0.03	-0.56		Top of Piezometer
X24A-96	Y15558	6914298.91	580551.69	1033.15	6914298.55	580550.49		0.36	1.20		Top of Piezometer
X24C-96	Y15558	6914298.85	580551.72	1033.08	6914298.55	580550.49		0.30	1.23		Top of Piezometer
X24B-96	Y15558	6914298.93	580551.76	1033.04	6914298.55	580550.49		0.38	1.27		Top of Piezometer
P03-08	Y15559	6913695.38	580863.34	1048.44							Top of Centre Stalk
P03-08-01	Y15559	6913695.40	580863.22	1048.31	6913688.55	580875.48	1047.47	6.85	-12.26	0.84	Top of Piezometer
P03-08-02	Y15559	6913695.33	580863.26	1048.33	6913688.55	580875.48	1047.47	6.78	-12.22	0.86	Top of Piezometer
P03-08-03	Y15559	6913695.40	580863.23	1048.34	6913688.55	580875.48	1047.47	6.85	-12.25	0.87	Top of Piezometer
P03-08-04	Y15559	6913695.28	580863.25	1048.38	6913688.55	580875.48	1047.47	6.73	-12.23	0.91	Top of Piezometer
P03-08-05	Y15559	6913695.19	580863.22	1048.38	6913688.55	580875.48	1047.47	6.64	-12.26	0.91	Top of Piezometer
P03-08-06	Y15559	6913695.30	580863.24	1048.42	6913688.55	580875.48	1047.47	6.75	-12.24	0.95	Top of Piezometer
P03-08-07	Y15559	6913695.32	580863.25	1048.42	6913688.55	580875.48	1047.47	6.77	-12.23	0.95	Top of Piezometer
P03-08-08	Y15559	6913695.34	580863.26	1048.44	6913688.55	580875.48	1047.47	6.79	-12.22	0.97	Top of Piezometer
P01-06	Y15560	6913682.86	581902.39	1052.57	6913678.56	581915.49	1052.13	4.30	-13.10	0.44	Top of Piezometer
X21A-96	Y15561	6913591.52	581886.26	1052.25	6913591.55	581884.49		-0.03	1.77		Top of Piezometer
X21B-96	Y15561	6913591.43	581886.31	1052.30	6913591.55	581884.49		-0.12	1.82		Top of Piezometer
X21C-96	Y15561	6913591.49	581886.23	1052.38	6913591.55	581884.49		-0.06	1.74		Top of Piezometer
P01-05B	Y15562	6913475.73	581633.52	1050.40	6913471.55	581646.49	1050.17	4.18	-12.97	0.23	Top of Piezometer
P01-05A	Y15563	6913479.11	581634.44	1050.77	6913474.55	581647.49	1050.09	4.56	-13.05	0.68	Top of Casing - cap could not be removed
NA05-2D	Y15564	6913692.41	581755.72	1051.82	6913692.55	581755.49	1051.82	-0.14	0.23	0.00	Top of Piezometer
NA05-2S	Y15565	6913696.80	581755.88	1051.86	6913696.55	581755.49	1051.89	0.25	0.39	-0.03	Top of Piezometer
P03-04	Y15566	6913366.82	581967.47	1061.30							Top of Centre Stalk
P03-04-01	Y15566	6913366.94	581967.37	1061.12	6913360.55	581980.49	1060.43	6.39	-13.12	0.69	Top of Piezometer
P03-04-02	Y15566	6913367.01	581967.61	1061.13	6913360.55	581980.49	1060.43	6.46	-12.88	0.70	Top of Piezometer
P03-04-03	Y15566	6913367.04	581967.49	1061.16	6913360.55	581980.49	1060.43	6.49	-13.00	0.73	Top of Piezometer
P03-04-04	Y15566	6913367.07	581967.55	1061.16	6913360.55	581980.49	1060.43	6.52	-12.94	0.73	Top of Piezometer
P03-04-05	Y15566	6913367.09	581967.62	1061.18	6913360.55	581980.49	1060.43	6.54	-12.87	0.75	Top of Piezometer
P03-04-06	Y15566	6913367.07	581967.46	1061.20	6913360.55	581980.49	1060.43	6.52	-13.03	0.77	Top of Piezometer
P03-04-07	Y15566	6913366.98	581967.49	1061.22	6913360.55	581980.49	1060.43	6.43	-13.00	0.79	Top of Piezometer
P03-04-08	Y15566	6913366.94	581967.61	1061.25	6913360.55	581980.49	1060.43	6.39	-12.88	0.82	Top of Piezometer
P03-04-09	Y15566	6913366.93	581967.53	1061.29	6913360.55	581980.49	1060.43	6.38	-12.96	0.86	Top of Piezometer
P01-07D	Y15567	6913322.85	582068.32	1060.96	6913318.56	582082.49	1060.49	4.29	-14.17	0.47	Top of Piezometer
P01-07E	Y15567	6913322.76	582068.30	1060.87	6913318.56	582082.49	1060.49	4.20	-14.19	0.38	Top of Piezometer
P01-07A	Y15568	6913311.33	582111.24	1060.73	6913307.56	582125.49	1060.27	3.77	-14.25	0.46	Top of Piezometer
P01-07B	Y15569	6913316.03	582109.16	1060.69	6913311.56	582123.49	1060.22	4.47	-14.33	0.47	Top of Piezometer
P01-07C	Y15570	6913320.11	582107.27	1060.72	6913315.56	582121.49	1060.28	4.55	-14.22	0.44	Top of Piezometer
P03-06	Y15571	6913489.76	582455.61	1062.90							Top of Centre Stalk
P03-06-01	Y15571	6913489.80	582455.55	1062.74	6913483.56	582468.50	1061.93	6.24	-12.95	0.82	Top of Piezometer
P03-06-02	Y15571	6913489.54	582455.47	1062.76	6913483.56	582468.50	1061.93	5.98	-13.03	0.84	Top of Piezometer
P03-06-03	Y15571	6913489.64	582455.53	1062.80	6913483.56	582468.50	1061.93	6.08	-12.97	0.88	Top of Piezometer
P03-06-04	Y15571	6913489.58	582455.49	1062.83	6913483.56	582468.50	1061.93	6.02	-13.01	0.91	Top of Piezometer
P03-06-05	Y15571	6913489.62	582455.49	1062.85	6913483.56	582468.50	1061.93	6.06	-13.01	0.93	Top of Piezometer
P03-06-06	Y15571	6913489.75	582455.60	1062.87	6913483.56	582468.50	1061.93	6.19	-12.90	0.95	Top of Piezometer
P03-06-07	Y15571	6913489.76	582455.59	1062.89	6913483.56	582468.50	1061.93	6.20	-12.91	0.97	Top of Piezometer
P03-07	Y15572	6913459.57	582592.98	1065.01							Top of Centre Stalk
P03-07-01	Y15572	6913459.60	582592.97	1064.85	6913453.56	582605.50	1064.21	6.04	-12.53	0.64	Top of Piezometer
P03-07-02	Y15572	6913459.50	582592.97	1064.88	6913453.56	582605.50	1064.21	5.94	-12.53	0.67	Top of Piezometer
P03-07-03	Y15572	6913459.57	582593.01	1064.91	6913453.56	582605.50	1064.21	6.01	-12.49	0.70	Top of Piezometer
P03-07-04	Y15572	6913459.54	582592.94	1064.95	6913453.56	582605.50	1064.21	5.98	-12.56	0.74	Top of Piezometer
P03-07-05	Y15572	6913459.57	582592.92	1064.97	6913453.56	582605.50	1064.21	6.01	-12.58	0.76	Top of Piezometer
P03-07-06	Y15572	6913459.59	582592.93	1064.99	6913453.56	582605.50	1064.21	6.03	-12.57	0.78	Top of Piezometer
P03-07-07	Y15572	6913459.63	582592.98	1065.01	6913453.56	582605.50	1064.21	6.07	-12.52	0.80	Top of Piezometer
P03-07-08	Y15572	6913459.71	582592.89	1064.93	6913453.56	582605.50	1064.21	6.15	-12.61	0.72	Top of Piezometer
P01-10A	Y15573	6913087.38	583102.74	1065.12	6913084.56	583117.50	1064.58	2.82	-14.76	0.54	Top of Piezometer
P01-10B	Y15574	6913083.56	583101.37	1065.05	6913080.56	583116.50	1064.50	3.00	-15.13	0.55	Top of Piezometer
NA05-11A	Y15575	6913152.27	583194.00	1068.33	6913152.56	583194.50	1067.55	-0.29	-0.50	0.78	Top of Piezometer
P03-01	Y15576	6912761.35	583184.16	1061.23							Top of Centre Stalk
P03-01-01	Y15576	6912761.43	583184.16	1061.02	6912754.56	583196.50	1060.58	6.87	-12.34	0.44	Top of Piezometer
P03-01-02	Y15576	6912761.45	583184.15	1061.04	6912754.56	583196.50	1060.58	6.89	-12.35	0.46	Top of Piezometer
P03-01-03	Y15576	6912761.42	583184.16	1061.09	6912754.56	583196.50	1060.58	6.86	-12.34	0.51	Top of Piezometer
P03-01-04	Y15576	6912761.43	583184.17	1061.12	6912754.56	583196.50	1060.58	6.87	-12.33	0.54	Top of Piezometer
P03-01-05	Y15576	6912761.40	583184.19	1061.15	6912754.56	583196.50	1060.58	6.84	-12.31	0.57	Top of Piezometer
P03-01-06	Y15576	6912761.44	583184.18	1061.18	6912754.56	583196.50	1060.58	6.88	-12.32	0.60	Top of Piezometer
P03-01-07	Y15576	6912761.44	583184.18	1061.20	6912754.56	583196.50	1060.58	6.88	-12.32	0.62	Top of Piezometer
P03-01-08	Y15576	6912761.44	583184.15	1061.22	6912754.56	583196.50	1060.58	6.88	-12.35	0.64	Top of Piezometer
P03-01-09	Y15576	6912761.45	583184.13	1061.23	6912754.56	583196.50	1060.58	6.89	-12.37	0.65	Top of Piezometer
P01-09A	Y15577	6912818.40	583078.30	1061.25	6912815.56	583093.49	1060.76	2.84	-15.19	0.49	Top of Piezometer
P01-09B	Y15578	6912816.54	583076.45	1061.25	6912813.56	583091.49	1060.73	2.98	-15.04	0.52	Top of Piezometer
P01-09C	Y15579	6912825.56	583075.24	1061.31	6912822.56	583090.49	1060.80	3.00	-15.25	0.51	Top of Piezometer
P01-09D	Y15579	6912825.59	583075.23	1061.30	6912822.56	583090.49	1060.80	3.03	-15.26	0.50	Top of Piezometer
P03-02	Y15580	6912753.24	583017.64	1060.72							Top of Centre Stalk
P03-02-01	Y15580	6912753.19	583017.72	1060.51	6912746.56	583030.49	1059.91	6.63	-12.77	0.61	Top of Piezometer
P03-02-02	Y15580	6912753.21	583017.68	1060.54	6912746.56	583030.49	1059.91	6.65	-12.81	0.64	Top of Piezometer
P03-02-03	Y15580	6912753.20	583017.66	1060.57	6912746.56	583030.49	1059.91	6.64	-12.83	0.67	Top of Piezometer
P03-02-04	Y15580	6912753.22	583017.67	1060.59	6912746.56	583030.49	1059.91	6.66	-12.82	0.69	Top of Piezometer
P03-02-05	Y15580	6912753.20	583017.68	1060.62	6912746.56	583030.49	1059.91	6.64	-12.81	0.72	Top of Piezometer
P03-02-06	Y15580	6912753.20	583017.66	1060.65	6912746.56	583030.49	1059.91	6.64	-12.83	0.75	Top of Piezometer
P03-02-07	Y15580	6912753.18	583017.67	1060.67	6912746.56	583030.49	1059.91	6.62	-12.82	0.77	Top of Piezometer
P03-02-08	Y15580	6912753.18	583017.61	1060.69	6912746.56	583030.49	1059.91	6.62	-12.88	0.79	Top of Piezometer
P03-02-09	Y15580	6912753.18	583017.58	1060.72	6912746.56	583030.49	1059.91	6.62	-12.91	0.82	Top of Piezometer

	2008 Survey NAD83				Original Surveys NAD27 (converted to NAD83 for comparison)			Positional Difference (metres) 2008 Survey minus Original Survey (*)			
STATION	YES_TAG_NU	Northing	Easting	Elevation	Northing	Easting	Elevation	Northing	Easting	Elevation	Comments
P03-03	Y15581	6912879.42	582951.02	1061.62							Top of Centre Stalk
P03-03-01	Y15581	6912879.33	582951.00	1061.44	6912872.56	582963.49	1060.67	6.77	-12.49	0.77	Top of Piezometer
P03-03-02	Y15581	6912879.33	582951.01	1061.47	6912872.56	582963.49	1060.67	6.77	-12.48	0.80	Top of Piezometer
P03-03-03	Y15581	6912879.38	582951.02	1061.50	6912872.56	582963.49	1060.67	6.82	-12.47	0.83	Top of Piezometer
P03-03-04	Y15581	6912879.35	582951.01	1061.52	6912872.56	582963.49	1060.67	6.79	-12.48	0.85	Top of Piezometer
P03-03-05	Y15581	6912879.34	582951.01	1061.54	6912872.56	582963.49	1060.67	6.78	-12.48	0.87	Top of Piezometer
P03-03-06	Y15581	6912879.37	582950.97	1061.57	6912872.56	582963.49	1060.67	6.81	-12.52	0.90	Top of Piezometer
P03-03-07	Y15581	6912879.39	582950.97	1061.59	6912872.56	582963.49	1060.67	6.83	-12.52	0.92	Top of Piezometer
P03-03-08	Y15581	6912879.33	582950.95	1061.60	6912872.56	582963.49	1060.67	6.77	-12.54	0.93	Top of Piezometer
P03-03-09	Y15581	6912879.32	582950.95	1061.61	6912872.56	582963.49	1060.67	6.76	-12.54	0.94	Top of Piezometer
NA05-9S	Y15582	6912816.98	582813.96	1060.73	6912816.56	582813.49	1059.95	0.42	0.47	0.78	Top of Piezometer
NA05-9D	Y15583	6912815.50	582816.43	1060.83	6912815.56	582816.49	1059.99	-0.06	-0.06	0.85	Top of Piezometer
P03-05	Y15584	6913115.24	582487.50	1060.55							Top of Centre Stalk
P03-05-01	Y15584	6913115.12	582487.50	1060.42	6913108.56	582500.49	1059.59	6.56	-12.99	0.83	Top of Piezometer
P03-05-02	Y15584	6913115.28	582487.53	1060.44	6913108.56	582500.49	1059.59	6.72	-12.96	0.85	Top of Piezometer
P03-05-03	Y15584	6913115.20	582487.56	1060.47	6913108.56	582500.49	1059.59	6.64	-12.93	0.88	Top of Piezometer
P03-05-04	Y15584	6913115.26	582487.57	1060.50	6913108.56	582500.49	1059.59	6.70	-12.92	0.91	Top of Piezometer
P03-05-05	Y15584	6913115.24	582487.57	1060.51	6913108.56	582500.49	1059.59	6.68	-12.92	0.92	Top of Piezometer
P03-05-06	Y15584	6913115.22	582487.55	1060.51	6913108.56	582500.49	1059.59	6.66	-12.94	0.92	Top of Piezometer
P03-05-07	Y15584	6913115.24	582487.58	1060.53	6913108.56	582500.49	1059.59	6.68	-12.91	0.94	Top of Piezometer
P03-05-08	Y15584	6913115.20	582487.64	1060.53	6913108.56	582500.49	1059.59	6.64	-12.85	0.94	Top of Piezometer
P01-08A	Y15585	6913303.56	582476.53	1063.66	6913299.56	582490.49	1063.70	4.00	-13.96	-0.04	Top of Piezometer
P01-08B	Y15586	6913297.41	582479.75	1064.19	6913289.56	582493.49	1063.74	7.85	-13.74	0.46	Top of Piezometer
P01-08C	Y15587	6913293.05	582478.91	1063.93	6913293.56	582494.49	1063.75	-0.51	-15.58	0.19	Top of Piezometer
SRK04-3A	Y15588	6913998.99	582872.76	1104.63	6913998.56	582872.51		0.43	0.25		Top of Piezometer
SRK04-3B	Y15588	6913998.95	582872.71	1104.71	6913998.56	582872.51		0.39	0.20		Top of Piezometer
SRK04-4	Y15589	6914012.24	582872.93	1104.84	6914011.56	582872.51		0.68	0.42		Top of Piezometer
SRK05-ETA-BR1	Y15590	6914020.76	582867.58	1105.23	6914020.56	582867.51		0.20	0.07		Top of Piezometer
ETA-05-1	Y15591	6914025.04	582848.43	1105.14	6914025.56	582848.51		-0.52	-0.08		Top of Piezometer
ETA-05-5	Y15592	6914030.95	582872.82	1105.44	6914030.56	582872.51		0.39	0.31		Top of Piezometer
ETA-05-2	Y15593	6914023.05	582888.03	1105.07	6914023.56	582888.51		-0.51	-0.48		Top of Piezometer
ETA-05-4	Y15594	6914032.20	582940.55	1105.41	6914032.56	582940.51		-0.36	0.04		Top of Piezometer
SRK05-ETA-BR2	Y15595	6913999.58	582882.85	1103.75	6913999.56	582882.51		0.02	0.34		Top of Piezometer
ETA-05-3	Y15596	6913982.51	582870.19	1103.97	6913982.56	582870.51		-0.05	-0.32		Top of Piezometer
P96-8A	Y15597	6914073.83	583225.00	1109.43	6914072.56	583223.52		1.27	1.48		Top of Piezometer
P96-8B	Y15597	6914073.81	583224.92	1109.50	6914072.56	583223.52		1.25	1.40		Top of Piezometer
TH86-17	Y15598	6912658.47	583846.54	1069.32	6912652.56	583852.50		5.91	-5.96		Top of Piezometer
P96-7	Y15599	6913285.53	584127.69	1126.35	6913279.57	584120.52		5.96	7.17		Top of Piezometer
SRK05-SP-6	Y15600	6913149.17	584387.13	1097.74	6913149.57	584387.52	1096.69	-0.40	-0.39	1.05	Top of Piezometer
SRK05-SP-5	Y15601	6913130.55	584470.95	1087.51	6913130.57	584471.52	1086.57	-0.02	-0.57	0.95	Top of Piezometer
S2A	Y15602	6913117.94	584472.90	1086.05	6913118.57	584472.52		-0.63	0.38		Top of Piezometer
S2B	Y15602	6913117.86	584472.96	1086.37	6913118.57	584472.52		-0.71	0.44		Top of Piezometer
S1A	Y15603	6913116.32	584434.30	1085.35	6913116.57	584434.52		-0.25	-0.22		Top of Piezometer
S1B	Y15603	6913116.43	584434.22	1085.20	6913116.57	584434.52		-0.14	-0.30		Top of Piezometer
DP3	Y15604	6913075.24	584409.31	1081.92	6913075.57	584409.52		-0.33	-0.21		Top of Piezometer
DP4	Y15605	6913085.62	584430.43	1082.25	6913085.57	584430.52		0.05	-0.09		Top of Piezometer
DP2	Casing laying	6913077.54	584450.01	1081.66	6913078.57	584449.52		-1.03	0.49		Casining Bent over onto stream bank - surveyed top of pipe in water
S3	Y15606	6913092.25	584480.59	1085.63	6913092.57	584480.52		-0.32	0.07		Top of Piezometer
SRK05-SP-4B	Y15607	6913113.62	584506.02	1087.36	6913113.57	584506.52	1086.51	0.05	-0.50	0.85	Top of Piezometer
SRK05-SP-4A	Y15608	6913113.35	584507.07	1087.31	6913113.57	584507.52	1086.51	-0.22	-0.45	0.80	Top of Piezometer
DP1	Y15609	6913062.04	584525.25	1083.98	6913061.57	584525.52		0.47	-0.27		Top of Piezometer
SRK05-SP-3A	Y15610	6913098.46	584546.71	1088.51	6913098.57	584546.52	1087.60	-0.11	0.19	0.91	Top of Piezometer
SRK05-SP-3B	Y15611	6913098.11	584547.42	1088.49	6913098.57	584547.52	1087.62	-0.46	-0.10	0.87	Top of Piezometer
SRK05-SP-1B	Y15612	6913075.40	584621.92	1091.90	6913075.57	584621.52	1091.04	-0.17	0.40	0.86	Top of Piezometer
SRK05-SP-1A	Y15613	6913075.23	584622.72	1091.81	6913075.57	584622.52	1091.13	-0.34	0.20	0.68	Top of Piezometer
SRK05-SP-2	Y15614	6913035.76	584686.27	1086.69	6913035.57	584686.52	1086.01	0.19	-0.25	0.69	Top of Piezometer
BH1	Y15615	6913705.49	585161.87	1098.94	6913706.57	585162.54		-1.08	-0.67		Top of Piezometer
BH7D	Y15616	6913713.61	585127.60	1100.57	6913713.57	585127.54	1099.76	0.04	0.06	0.82	Top of Piezometer
BH7S	Y15617	6913714.35	585127.65	1101.31	6913714.57	585127.54	1099.81	-0.22	0.11	1.50	Top of Piezometer
BH10A	Y15618	6913707.17	585085.94	1101.77	6913707.57	585085.54	1100.97	-0.40	0.40	0.80	Top of Piezometer
BH10B	Y15618	6913707.16	585085.94	1101.79	6913707.57	585085.54	1100.97	-0.41	0.40	0.82	Top of Piezometer
BH2	Y15619	6913697.35	585101.51	1099.47	6913697.57	585101.54	1099.04	-0.22	-0.03	0.43	Top of Piezometer
BH05-01	Y15620	6913675.88	585133.90	1099.40	6913675.57	585124.54		0.31	9.36		Top of Piezometer
BH6	Y15621	6913640.97	585093.91	1097.66	6913640.57	585093.53	1097.08	0.40	0.38	0.59	Top of Piezometer
P05-04	Y15622	6913649.42	585119.23	1097.69	6913649.57	585119.53	1097.03	-0.15	-0.30	0.66	Top of Piezometer
RGC-PW3	Y15623	6913645.89	585113.91	1097.85	6913645.57	585114.53	1096.97	0.32	-0.62	0.89	Top of Piezometer
BH4	Y15624	6913641.62	585142.67	1097.10	6913641.57	585142.53	1096.31	0.05	0.14	0.80	Top of Piezometer
DP5	Y15625	6913625.22	585155.45	1095.52	6913624.57	585155.53		0.65	-0.08		Top of Piezometer
DP6	Y15626	6913529.05	585109.45	1094.94	6913529.57	585109.53		-0.52	-0.08		Top of Piezometer
BH5	Y15627	6913551.47	585089.50	1095.53	6913551.57	585089.53	1095.11	-0.10	-0.03	0.42	Top of Piezometer
P96-6	Y15628	6913312.68	584905.67	1102.14	6913307.57	584894.53		5.11	11.14		Top of Piezometer
BH8	Y15629	6913776.92	585145.63	1122.21	6913773.57	585148.54	1122.58	3.35	-2.91	-0.37	Top of Piezometer
BH9	Y15630	6913811.71	585101.03	1140.41	6913812.57	585106.54	1141.17	-0.86	-5.51	-0.76	Top of Piezometer
BH14A	Y15631	6914011.30	585584.61	1156.44	6914000.58	585571.55	1157.33	10.72	13.06	-0.89	Top of Piezometer
BH14B	Y15631	6914011.27	585584.83	1156.86	6914000.58	585571.55	1157.33	10.69	13.28	-0.47	Top of Piezometer
SRK05-06	Y15632	6903165.45	592927.66	1073.82	6903165.73	592927.51	1073.07	-0.28	0.15	0.75	Top of Piezometer
SRK05-09	Y15633	6903160.38	592953.98	1072.16	6903160.73	592953.51	1071.83	-0.35	0.47	0.33	Top of Piezometer
SRK05-05C	Y15634	6903383.13	592768.38	1104.13	6903374.72	592777.51		8.41	-9.13		Top of Piezometer
SRK04-5A	Y15635	6903382.03	592767.98	1103.94	6903379.72	592766.51		2.31	1.47		Top of Piezometer
SRK04-5B	Y15635	6903381.92	592768.00	1103.97	6903379.72	592766.51		2.20	1.49		Top of Piezometer
BH05-9B-R	Y15636	6903346.86	592642.62	1101.01	6903346.72	592642.51	1099.98	0.14	0.11	1.03	Top of Piezometer
P96-9A	Y15637	6903346.28	592651.38	1100.14	6903339.72	592648.51		6.56	2.87		Top of Casining - cap could
P96-9B	Y15637	6903346.24	592651.56	1100.28	6903339.72	592648.51		6.52	3.05		not be removed
SRK05-08	Y15638	6903237.80	592585.72	1105.25	6903237.72	592585.51	1104.48	0.08	0.21	0.77	Top of Piezometer
SRK05-07	Y15639	6903186.21	592372.72	1107.14	6903185.72	592372.51	1106.52	0.49	0.21	0.62	Top of Piezometer
V37	Y15640	6903080.27	593315.70	1115.73	6903087.73	593315.51		-7.46	0.19		Top of Piezometer
V36	Y15641	6902916.60	593138.28	1118.36	6902907.73	593138.51		8.87	-0.23		Top of Piezometer
P2001-03	Y15642	6902881.57	593100.56	1120.00	6902874.73	593109.51		6.84	-8.95		Top of Piezometer
P2001-02A	Y15643	6902864.35	593135.39	1122.78	6902851.73	593147.51		12.62	-12.12		Top of Piezometer
P2001-02B	Y15643	6902864.40	593135.46	1122.77	6902851.73	593147.51		12.67	-12.05		Top of Piezometer
V34	Y15644	6902476.14	593432.06	1117.32	6902469.74	593448.52		6.40	-16.46		Top of Piezometer
V35	Y15645	6902554.81	593181.26	1117.39	6902545.73	593188.52		9.08	-7.26		Top of Piezometer
X26	Y15651	6913916.19	584776.21	1166.85	6913944.57	584763.53		-28.38	12.68		Top of Piezometer
BH12A	Y15652	6914248.56	585761.99	1160.28	6914242.58	585766.55	1156.72	5.98	-4.56	3.56	Top of Piezometer
BH12B	Y15652	6914248.59	585762.00	1160.13	6914242.58	585766.55	1156.72	6.01	-4.55	3.41	Top of Piezometer
BH13A	Y15653	6914495.53	585751.66	1183.26	6914513.58	585739.55	1187.50	-18.05	12.11	-4.24	Top of Piezometer
BH13B	Y15654	6914494.49	585751.73	1183.52	6914513.58	585739.55	1187.50	-19.09	12.18	-3.98	Top of Piezometer

* Note that a filled cell indicates that there was no previously recorded data