

SUMMARY REPORT FOR:

GROUNDWATER WATER QUALITY MONITORING

Faro Mine Complex (FMC), MAY 2012

For



Erik Pit
Assessment and Abandoned Mines

Submitted by



July 2012

1.0 BACKGROUND AND SCOPE OF WORK

In late April of 2012, a request was made of Laberge Environmental Services (LES) to provide a proposal to the Assessment and Abandoned Mines (AAM) to conduct the groundwater monitoring program at the Faro Mine Complex (FMC) with a start date no later than May 14th, 2012.

The provided lists indicated that 97 wells were to be sampled in May 2012 for a suite of analytical and in-situ parameters. Specifically the parameters were as follows:

In-situ

- pH
- conductivity
- temperature
- purge volume
- purge time
- sample time

Analytical

- acidity
- alkalinity
- chloride
- conductivity
- pH
- sulphate
- total suspended solids
- low level dissolved metals (30 element suite)

LES signed a contract on May 1st, 2012 to complete the groundwater monitoring program for May.

2.0 STUDY AREA

The study area encompasses three general areas of the Faro Mine Complex (FMC); Rose Creek Tailings area, Faro Mine area and Vangorda/Grum area. The table below lists the wells that were sampled in May 2012. For any wells that were not sampled a rationale has been provided in the comments column.

GROUNDWATER WATER QUALITY MONITORING, MAY 2012

TABLE 1 GROUNDWATER WELLS SAMPLED IN MAY 2012		
Well Name	Sampled	Not Sampled Comments
<i>Rose Creek Tailings Area</i>		
P03-06-1	√	
P03-06-2	√	
P03-06-3	√	
P03-06-4	√	
P03-06-5	√	
P03-06-6	√	
P03-06-7		Dry
X21-96A	√	
X21-96B	√	
P01-03	√	
P01-04A		Frozen
P01-04B	√	
X24-96D	√	
X25-96A	√	
X25-96B	√	
P01-02A	√	
P01-02B	√	
P01-11	√	
P09-C1		Frozen
P09-C2	√	
P09-C3		Frozen
P03-09-2	√	
P03-09-4	√	
P03-09-6	√	
P03-09-8	√	
P03-09-9	√	
P05-01-01		Frozen
P05-01-02		Frozen
P05-01-03		Frozen
P05-01-04		Frozen
P05-01-05	√	
P05-01-06		Dry
P05-02	√	
P05-03	√	
X16A	√	
X16B	√	
X17A	√	
X17B	√	
X18A	√	
X18B	√	
P01-01A	√	
P01-01B	√	
<i>Faro Mine Area</i>		
BH13B		Inaccessible
BH14A	√	
BH14B	√	

GROUNDWATER WATER QUALITY MONITORING, MAY 2012

TABLE 1 GROUNDWATER WELLS SAMPLED IN MAY 2012		
Well Name	Sampled	Not Sampled Comments
SRK08-10A	√	
SRK08-11A		Frozen
SRK08-11B	√	
SRK08-P9	√	
P96-6	√	
P96-8A	√	
P96-8B	√	
P09-ETA-2	√	
S1A	√	
S1B		Dry
S2A	√	
S2B	√	
P96-7	√	
SRK05-SP-4A	√	
SRK05-SP-4B		Frozen
SRK05-SP-5	√	
SRK08-SP7A	√	
SRK08-SP7B	√	
SRK08-SP8A		Frozen
SRK08-SP8B		Frozen
P09-SIS1	√	
P09-SIS2	√	
P09-SIS3	√	
P09-SIS4	√	
P09-SIS5	√	
Vangorda/Grum Area		
P2001-2A	√	
P2001-2B	√	
P2001-3	√	
DH1		Require too many days of recovery with limited access to sample on this trip
DH2		
DH3		
DH4		
DH5		Dry
P96-9A	√	Insufficient volume
P96-9BR		Frozen
SRK05-05C	√	
SRK05-7	√	
SRK05-8	√	
SRK05-9	√	
V34		Dry
V35	√	
V36	√	
V37	√	
P09-GW1		Inaccessible
P09-GW3		Inaccessible
P09-GS1A		Inaccessible

TABLE 1 GROUNDWATER WELLS SAMPLED IN MAY 2012		
Well Name	Sampled	Not Sampled Comments
P09-GS1B		Inaccessible
P09-LCD2	√	
P09-LCD4	√	
P09-LCD6	√	
P09-VC1	√	
P09-VC2	√	

3.0 METHODS

Maxxam Analytics Ltd supplied LES with the necessary sample kits prior to the field trip of May 14th to 18th, 2012. Each sample bottle was rinsed three times with the sample waters and then filled and preserved as specified by the laboratory's protocols. Samples that required filtering (dissolved metals), were filtered in the field prior to preservation. Samples were kept cool then shipped as soon as possible to the Maxxam laboratory in Burnaby, BC.

In-situ measurements of water temperature, conductivity and pH were taken at each site. Depth to water and total depth of each well was noted in order to calculate purge volumes. Photographs were also taken to document the current conditions at each well.

Prior to sampling the conventional wells, three volumes of standing water were purged where possible, to ensure sampling of the actual groundwater. Previously, Gartner Lee Ltd had calculated that an additional 42 litres should be removed from each well to represent water that may be contained within the sand pack. LES was informed that using this protocol should be continued for the May monitoring. Purging of the multilevel wells required only one volume of standing water.

Most wells were equipped with designated 5/8" tubing. Purging was conducted manually, with the aid of a Honda pump and/or Hydrolift, or in the case of the multilevel wells, a peristaltic pump. Purge method has been indicated in Tables 2 and 3. Samples were collected manually.

As measures of quality assurance and quality control (QA/QC), five blind duplicates were collected during the survey. In addition, one field blank was submitted as well as the travel blank provided in the sampling kit by the lab. The lab also ran their own QA/QC and their report is included with their analytical report in Appendix C.

4.0 RESULTS

Photographs of the wells are provided in Appendix A.

4.1 In-Situ Results

Seventy-one wells were sampled but data for all wells are included in the in-situ tables. The in-situ data for the conventional wells is presented in Table 2 of Appendix B. Table 3 includes in-situ data for the multilevel wells.

4.2 Analytical Data

Anions, Nutrients and Physical Data

Table 4, Appendix B, presents the compiled anion, nutrient and physical attributes of the samples collected in the study area.

Dissolved Metals

The dissolved metals data is presented in Table 5, Appendix B.

Appendix C contains the analytical report, complete with all QA/QC, from Maxxam Analytical Laboratory.

5.0 DISCUSSION AND RECOMMENDATIONS

It is beyond our scope of work to provide any discussion or interpretation of the results for the May 2012 groundwater quality collected at the Faro Mine Complex. This letter report includes all the specified deliverables in the provided scope of work. However, it is recommended that the wells that were inaccessible or frozen during the week of May 14th, be sampled later in the season.

Respectively submitted,



Bonnie Burns
Laberge Environmental Services

APPENDIX A

PHOTOGRAPHS, MAY 2012



Well name: P01-01A and P01-01B, May 15, 2012.



Well name: P01-11, May 14, 2012.



Well name: X17A and X17B, May 15, 2012.



Well name: P09-C1, May 14, 2012.



Well name: X16A and X16B, May 14, 2012.



Well name: X18A and X18B, May 15, 2012.



Well name: P05-02, May 14, 2012.



Well name: P05-02, May 15, 2012.



Well name: P09-C2, May 15, 2012.



Well name: P01-02A and P01-02B, May 14, 2012.



Well name: P05-01 – multilevel well, May 15, 2012.



Well name: P09-C3, May 15, 2012.



Well name: P03-09, multilevel well, May 15, 2012.



Well name: X25A-96 and X25B-96, May 16, 2012.



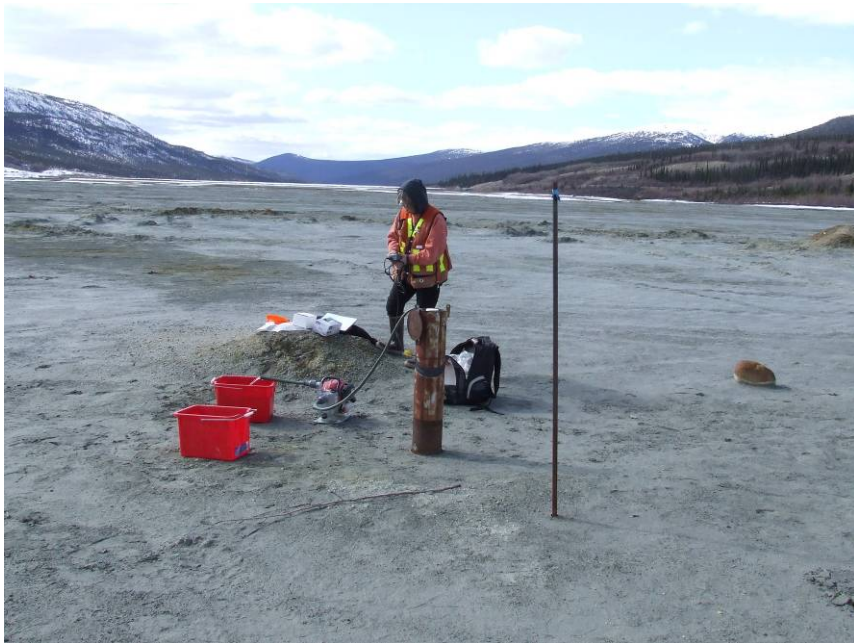
Well name: X24D-96, May 16, 2012.



Well name: P01-03, May 16, 2012



Well name: P01-04A and P01-04B, May 16, 2012.



Well name: X21A-96 and X21B-96, May 17, 2012.



Well name: SRK08-P9, May 17, 2012.



Well name: P09-ETA2, May 15, 2012.



Well name: SRK08-P10A, May 15, 2012.



Well name: P96-7, May 16, 2012.



Well name: P96-8A and P96-8B, May 16, 2012.



Well name: SRK08-P11A and SRK08-P11B, May 15, 2012.



Well name: BH14A and BH14B, May 17, 2012.



Well name: SRK08-P11A, drilling mud up to cap, May 15, 2012.



Well name: S2A and S2B, May 16, 2012.



Well name: S1A and S1B, May 16, 2012.



Well name: SRK05-SP5, May 15, 2012.



Well name: SRK05-SP-04A and SRK05-SP-04B, May 15, 2012.



Well name: SRK08-SP8A and SRK08-SP8B, May 16, 2012.



Well name: SRK-SP7A and SRK-SP7B, May 16, 2012.



Well name: P09-SIS1, May 15, 2012.



Well name: P09-SIS2, May 15, 2012.



Well name: P09-SIS4, May 15, 2012.



Well name: P09-SIS3, May 15, 2012.



Well name: P09-SIS5, May 15, 2012.



Well name: BH05-9B-R, May 16, 2012.



Well name: P96-9A, May 16, 2012.



Well name: P2001-02A and P2001-02B, May 16, 2012.



Well name: P2001-03, May 16, 2012.



Well name: SRK05-8, May 16, 2012.



Well name: SRK05-07, May 16, 2012.



Well name: P09-GS1A and P09-GS1B general area, May 17/12.



Well name: SRK05-5C, May 16, 2012.



Well name: P09-LCD6, May 17, 2012.



Well name: P09-LCD4, May 17, 2012.



Well name: DH4, May 16, 2012.



Well name: P09-LCD2, May 17, 2012.



Well name, DH2, May 17, 2012.



Well name: DH1, May 17, 2012.



Well name: V34, May 16, 2012.



Well name: V36, May 16, 2012.



Well name: V35, May 16, 2012.



Well name: V37, May 16, 2012.



Well name: P09-VC1, May 17, 2012.



Well name: P03-06 – multilevel well, May 17, 2012.



Well name: P09-VC2, May 17, 2012.

APPENDIX B

GROUNDWATER DATA TABLES 2 TO 5

TABLE 2, APPENDIX B

INSITU DATA FOR CONVENTIONAL WELLS, FARO MINE COMPLEX, MAY 2012

Monitor ID	Date Sampled	Time Sampled	Time Water Level	TotalDepth (m TOC)	DTW (m) frm (TOC)	Height of Water (m)	Calculated Purge Volume (L)	Actual Amount Purged (L)	Collection Method	pH	Cond. (µS/cm)	Temp (°C)	Comments
Down Gradient of Cross Valley Dam													
P01-01A	15-May-2012	12:15	11:50	20.38	3.698	16.68	142	142	suction	6.95	1891	2.4	clear, good yield, someone had previously dropped the cap into casing and thus was not on the PVC pipe
P01-01B	15-May-2012	12:55	11:54	35.25	3.795	31.46	230	230	suction	7.1	1456	2.9	clear, good yield, started snowing
X16A	14-May-2012	18:37	18:05	5.35	3.755	1.595	51	51	suction	7.35	364	3.4	water clear, good yield, some pooling water nearby, patches of snow, Rose Cr not near freshet yet.
X16B	14-May-2012	18:22	18:00	28.45	3.875	24.575	215	215	suction	7.44	407	3.7	initially turbid but cleared up after a couple of buckets, some pooling water nearby, patches of snow, Rose Cr not near freshet yet.
X17A	15-May-2012	13:01	12:30	6.05	5.040	1.01		45	manual		662	1.7	driving snow/rain mix
X17B	15-May-2012	13:30	12:31	24.45	2.840	21.61	210	210	suction		1492	2.7	Replaced foot valve, otherwise well performed perfectly.
X18A	15-May-2012	12:15	11:22	12.35	4.450		40	45	suction/manual	7.1	1914	2.6	Well head is flooded. Depths differ from previous values.
X18B	15-May-2012	12:30	11:23	10.65	4.265	6.39		75	suction/manual	7.1	1901	2.6	Well is only 10.85 m deep which conflicts with prior notes.
Cross Valley Dam													
P01-11	14-May-2012	16:10	15:45	11.12	1.268	9.85	101	102	suction	6.77	3490	4.3	Initially very turbid - light brown/gray, but then cleared after a few buckets.
P09-C1	14-May-2012		15:40										Frozen, tubing frozen in place, angled well, severe well jacking (See photo)
P05-02	14-May-2012	15:40	16:10	5.83	2.393	3.44	62	62	suction	6.79	3130	3.8	very clear water
P09-C2	15-May-2012	11:00	8:17	65.53	0.770	64.76	431	400	hydrolift and honda		2890	5.1	No cap on well. Water clear. Note that unnecessary piece of PVC tubing was removed, stick up now 0.83m enabling the replacement of steel cap.
P05-03	14-May-2012	17:30	16:50	7.9	4.654	3.246	60	60	suction	7.14	1823	3.6	Clear and colourless, good yield.
P09-C3	15-May-2012		10:30										Frozen at 1.73 m. Well angled at 45°
P01-02A	14-May-2012	17:45	17:20	14.35	2.680	11.67	112	112	suction	7.39	481	4.5	tubing about two feet down into well but managed to extract it, put on an extension, some ice on side of tubing, initially slightly turbid, then clear.
P01-02B	14-May-2012	17:35	17:05	?	0.960	?	210	210	suction	7.44	361	4.4	Some type of obstruction at 2.75 m and tag line would not pass therefore assumed previous depth of 29.08 m, quite clear throughout.
Intermediate Dam													
X24D-96	16-May-2012	10:20	9:45	28.55	4.731	23.80	185	180	suction	6.22	4020	4.4	Clear water, good yield, initially tubing was stuck in well.
X25A-96	16-May-2012	11:00	10:37	9.5	4.075	5.43	75	75	suction		1496	3.7	Clear water, no difficulties.
X25B-96	16-May-2012	11:15	10:39	19.73	3.952	15.77	136	135	suction		1529	3.7	Same well head, no problems, prolific clear water.
P01-03	16-May-2012	11:00	10:25	9.67	3.868	5.80	76	75	suction	6.13	4120	5.1	Muddy - light brown, cleared up on 3rd bucket but then got dirty during sampling.
P01-04A	16-May-2012		11:20		1.800								Frozen. Saw fox going up road out of intermediate dam area @ 11:15.
P01-04B	16-May-2012	12:00	11:22	34.09	3.090	31.00	228	225	suction	6.83	2390	4.1	Fairly clear, good yield, duplicate sample collected here and labelled DUP3.
Intermediate Impoundment and Tailings													
X21A-96	17-May-2012	17:10	12:40	8.996	3.818	5.17	50	45	suction		17,890	4.9	Monitoring well is 1" dia, tag line won't fit in so assumed same total depth, first bucket very dirty but then a bit clearer but still fairly turbid - grey

TABLE 2, APPENDIX B

INSITU DATA FOR CONVENTIONAL WELLS, FARO MINE COMPLEX, MAY 2012

Monitor ID	Date Sampled	Time Sampled	Time Water Level	TotalDepth (m TOC)	DTW (m) frm (TOC)	Height of Water (m)	Calculated Purge Volume (L)	Actual Amount Purged (L)	Collection Method	pH	Cond. (µS/cm)	Temp (°C)	Comments
X21-96B	17-May-2012	16:50	12:43	15.65	5.155	10.495	104	105	suction		3121	4.2	Monitoring well is 2" dia, water clear and good yield, also a well in this group labelled X21-96C.
P09-ETA2	15-May-2012	14:50	14:27	18.47	10.100	8.37	92			6.17	1063	3.1	Dirty but cleared up.
P96-8A	15-May-2012	15:20	15:00	9.42	2.235	7.185	85	90	suction	6.11	7930	3.3	Clear and copious
P96-8B	15-May-2012	15:46	15:05	4.32	2.189	2.13	55	60	suction	6.54	345	1.2	Clear and copious
Mill Area													
SRK08-P10A	15-May-2012	15:45	14:45	13.85	10.160	3.69	64	25	suction/manual	6.46	3780	3.2	turbid, dry @ 17L, dry @ 13L, dry @ 5L, left to recover for sampling. Sampled at 15:45, foot valve was plugged.
SRK08-P11A	15-May-2012		15:25										Frozen at 0.8m, well is almost completed buried in snow, had to dig out so that could open lid, drilling mud was up to the cap of the well but did not seem to be inside fortunately.
SRK08-P11B	15-May-2012	15:15	15:00	6.77	1.172	5.60	75	75	suction	6.96	1479	1.6	turbid for first bucket then clear.
Faro Dumps													
SRK08-P9	17-May-2012	17:00	16:28	6.87	4.260	2.605		10	manual		1780	1.0	0.705 added to depths due to broken casing, due to broken casing at ground level organic material was in well which was thoroughly purged before sampling. This well needs repairs as GW quality is compromised.
P96-7	16-May-2012	10:30	9:45	9.87	8.275	1.595		13	manual	6.94	3050	3.5	Brown turbid water, went dry, sampled after recharge, concrete is elevated 10 cm.
Northeast Dumps													
BH13B	17-May-2012		18:50										Inaccessible due to very deep snow but likely frozen.
BH14A	17-May-2012	18:45	18:00	6.40	3.025	3.375	12	12		7.02	3060	1.2	Well is mostly buried, cap is at ground level but still able to obtain samples.
BH14B	17-May-2012	18:30	18:05	10.0	3.046	6.954		5	manual	6.8	3450	1.9	Dry at 5 L.
P96-6	17-May-2012	18:00	17:30	17.53	12.330	5.2	73	60	suction/ma	6.02	1360	2.8	Hiked in from Zone II, water clear, all okay.
S Cluster Area													
S1A	16-May-2012	9:30	8:50	13.10	5.010	8.09	91	90			535	2.5	Turbid - brown for 1st bucket then clear.
S1B	16-May-2012		8:48	5.17									Dry at 5.17m.
S2A	15-May-2012	18:00	17:30	12.61	6.130	6.48	15	15	suction/manual		1336	2.5	Purged 15L then sampled by draining tubing.
S2B	15-May-2012	18:15	17:35	8.60	5.360	3.24		10	manual		7360	2.3	Dried up at 10L, allowed to recover then sampled by draining tubing.
SRK05-SP-4A	15-May-2012	16:40	16:05	22.47	4.900	17.57	147	150	suction	5.92	1206	2.4	PVC pipe is broken at ground level but lodged it in place for all measurements. The tubing is near ground level but managed to pull it up and purge and sample. Initially turbid but then cleared but became turbid again right near the end. Duplicate collected here and named DUP-5.
SRK05-SP-4B	15-May-2012		16:50										Frozen at 1.085m.
SRK05-SP-5	15-May-2012	18:10	17:45	14.88	8.105	6.78	82	82	suction/assist	6.08	6860	4.4	Data logger was stuck in the well but uncertain how. Water fairly clear.
SRK08-SP7A	16-May-2012	9:20	8:35	17.71	3.325	14.38	128	130	suction	6.08	1190	3.5	Replaced tubing, first bucket muddy, brown but cleared up on next bucket.
SRK08-SP7B	16-May-2012	8:55	8:25	8.62	3.327	5.29	74	75	suction	6.57	232	3.5	Clear, fairly good yield.
SRK08-SP8A	16-May-2012		8:28										Frozen at 1.21 m
SRK08-SP8B	16-May-2012		8:30										Frozen at 1.23 m

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INSITU DATA FOR CONVENTIONAL WELLS, FARO MINE COMPLEX, MAY 2012

Monitor ID	Date Sampled	Time Sampled	Time Water Level	TotalDepth (m TOC)	DTW (m) frm (TOC)	Height of Water (m)	Calculated Purge Volume (L)	Actual Amount Purged (L)	Collection Method	pH	Cond. (µS/cm)	Temp (°C)	Comments
P09-SIS1	15-May-2012	17:30	17:10	6.65	5.400	1.25		3	manual		9480	3.8	Dry after 3L, let recover and sampled, very turbid - chocolate coloured.
P09-SIS2	15-May-2012	17:00	16:30	6.315	4.25	2.065		15	suction/manual	6.16	9300	2.9	Turbid - grey
P09-SIS3	15-May-2012	16:45	16:14	4.6	3.940	0.66		20	suction	6.08	7850	2	Well recovers okay so used Honda pump, datalogger in well was not disturbed.
P09-SIS4	15-May-2012	17:20	16:52	4.45	4.295	0.16	1	0.1	manual	6.31	6970	1.6	Removed data logger at 16:50 and replaced at 17:23. Even after allowing recovery and draining the tube several times was only able to recover enough sample for a dissolved metals sample. Turbid.
P09-SIS5	15-May-2012	17:15	17:07	4.32	3.950	0.37	2	0.2	manual	6.41	5300	1.0	Remove data logger at 17:05 and replaced at 17:23. Could only get enough sample for dissolved metals even when left to recover. Turbid.
Grum / Vangorda													
BH05-9B-R	16-May-2012												Frozen at 0.6 m
P96-9A	16-May-2012	16:45	16:30	9.39	5.515	3.875		75	suction		3270	2.7	Clear.
P2001-02A	16-May-2012	17:05	16:30	14.05	4.243	9.81	100	75	suction/ma	7.04	2210	7.4	Well in snow field, A is tallest pipe, very grey water - turbid, poor yield.
P2001-02B	16-May-2012	17:57	16:38	27.42	4.292	23.128	180	60	suction/ma	7.1	2060	7.5	Well in snow field, B is shortest pipe, very trubid water, grey, very poor yield.
P2001-03	16-May-2012	16:00	14:30	61.6	37.980	23.62		195	Hydrolift and Honda pump		1019	2.8	Hooked up 1" tubing to hydrolift, dirty brown, hard to filter, left 1" tubing in well.
SRK05-05C	16-May-2012	18:00	17:50	3.85	1.970	3.85		10	suction/ma		474	2.0	Small diameter well, good recovery.
SRK05-07	16-May-2012	17:35	17:00	6.5	5.335	1.165		3	manual		3020	1.9	Dry at 3L. Drained tubing to obtain sample.
SRK05-08	17-May-2012	9:30	9:10	8.5	5.040	3.46		25	manual	7	3670	3.2	Dry at 25L, allow to recover and sample, slightly turbid - very light grey/silver colour.
SRK05-9	17-May-2012	9:00	8:40	3.96	2.410	1.55		3	manual		1550	1.8	Dry at 3L, wait for recharge and drain tubing to obtain sample, very slight turbidity, light grey.
V34	16-May-2012		15:24	12.82	5.869			11	manual	7.15	1930	2.9	Under 45 gallon drum, in snow, Dry at 8L, dry at 3L, stayed dry. Left to recover for 24 hours but still dry. No sample collected.
V35	16-May-2012	14:30	14:15	16.02	7.124	8.90		24	manual	7.01	3350	7.2	Under 45 gallon drum, in snow, dry at 24L, allow to recover and sample. Collected duplicate for dissolved metals only and labeled DUP2.
V36	16-May-2012	13:50	13:27	11.86	8.401	3.459	62	60	suction/ma	6.83	2590	6.5	Under 45 gallon drum, clear water.
V37	16-May-2012	13:45	13:21	14.50	9.035	5.465		15	manual		1171	4.4	Dry at 15L, allow to recover and sample, dark, low turbidity.
P09-GW1	17-May-2012												Inaccessible due to vast amounts of snow on the backside of Grum dump. Likely dry however, as this well has never been sampled and has been dry on all occasions. Should be attempted later in the season.
P09-GW3	17-May-2012												Inaccessible due to vast amounts of snow on the backside of Grum dump. Likely dry however, as this well has only been sampled once and has been dry on the other occasions. Should be attempted later in the season.

TABLE 2, APPENDIX B

INSITU DATA FOR CONVENTIONAL WELLS, FARO MINE COMPLEX, MAY 2012

Monitor ID	Date Sampled	Time Sampled	Time Water Level	TotalDepth (m TOC)	DTW (m) frm (TOC)	Height of Water (m)	Calculated Purge Volume (L)	Actual Amount Purged (L)	Collection Method	pH	Cond. (µS/cm)	Temp (°C)	Comments
P09-GS1A	17-May-2012												Inaccessible due to vast amounts of snow as roads have not been cleared in this area. However, well is likely frozen as it usually is this time of year. Should be attempted later in the season.
P09-GS1B	17-May-2012												Inaccessible due to vast amounts of snow as roads have not been cleared in this area. However, well is likely frozen as it usually is this time of year. Should be attempted later in the season.
P09-LCD2	17-May-2012	13:30	13:05	5.75	4.225	1.525		10	manual		1075	2.2	P09-LCD2 was sampled instead of P09-LCD1 which was the one listed but was not labeled. Went dry at 10L, allowed to recover and sampled by siphoning tube.
P09-LCD4	17-May-2012	15:30	14:05	12.21	3.32	8.89	53	15	manual		1035	5.1	Dry at 13L, clear, dry at 2L, lots of snow around well. Sampled after recovery.
P09-LCD6	17-May-2012	15:15	14:00	7.96	5.469	2.491		18	manual		992	4.8	Well is not labelled but deduced it to be LCD6. Lots of snow around well. Dry at 10L, very dirty, dry at 8 L, allow to recover and clear when sampled.
P09-VC1	17-May-2012	12:15	10:55	68.70	4.470	64.23	390	390	suction		373	5.4	Good yield, clear, well sitting at an angle, well is capped, heaps of 1" tubing lying around site. Duplicate collected here for dissolved metals only and labeled DUP1.
P09-VC2	17-May-2012	11:30	11:10	21.92	2.065	19.86		140	hydrolift		413	3.0	Well head still flooded, tried to drain by ditching.
DH1	17-May-2012		10:10	29.25	23	6.25							There was no practical means to sample these wells considering they require many days of recovery and had limited access. Should be sampled later in the season.
DH2	17-May-2012		15:00										
DH3			15:30										
DH4	16-May-2012		15:05	9.26	9.250	0.01							Virtually dry, insufficient volume to sample. No tubing in 4" well.
DH5	17-May-2012		15:30	44.8	42.435	2.36							Impossible to sample as too low a volume at too great a depth.
NOTE: Our brand new pH meter malfunctioned after only two samples, leaving only one functioning pH meter, thus one team was unable to collect any in-situ pH measurements.													

TABLE 3, APPENDIX B

INSITU DATA FOR MULTILEVEL WELLS, MAY 2012

Monitor ID	Date Sampled	Time Sampled	Samplers	Depth to Water (m)	Time of Water Level	Total Depth (m)	Purge Volume (L)	Development Method	pH	Conductivity (µS/cm)	Temp. (°C)	Comments
P03-06 Second Impoundment												
P03-06-01	5/17/2012	9:40	SW, BB	12.532	8:15	26.575	1.7	pp/assist	5.08	4480	4.7	Fairly clear.
P03-06-02	5/17/2012	10:04	SW, BB	12.543	8:20	23.677	1.4	pp/assist	5.02	5080	4.2	Slightly turbid, yellowish in colour.
P03-06-03	5/17/2012	10:25	SW, BB	12.601	8:23	20.871	1	pp/assist	4.97	5250	4	Turbid, yellowish in colour.
P03-06-04	5/17/2012	10:50	SW, BB	5.83	8:26	17.562	1.4	pp/assist	5.75	3380	5.9	Slightly turbid, low yield.
P03-06-05	5/17/2012	11:29	SW, BB	12.982	8:29	15.157	0.3	pp/assist	5.9	8930	4.8	Very turbid, dark grey.
P03-06-06	5/17/2012	11:50	SW, BB	12.693	8:31	13.641	0.02	pp/assist	4.53	6330	8.9	Very dirty and very low yield but did manage to get enough for a complete sample.
P03-06-07	5/17/2012		SW, BB			11.82						Dry at 11.82 m.
P03-09 Downgradient of Cross Valley Dam												
P03-09-02	5/15/2012	9:40	SW, BB	3.245	8:56		3.7	pp	6.91	1557	3.9	Only have a 30m reel for the mini dipper so assumed same depth, clear water.
P03-09-04	5/15/2012	10:00	SW, BB	3.455	9:02	24.52	2.6	pp	6.96	1679	4	Clear, some floating debris initially.
P03-06-06	5/15/2012	10:20	SW, BB	3.513	0.378	19.660	2	pp	6.84	1874	4.1	Somewhat turbid, grey, some floating organics
P03-09-08	5/15/2012	10:40	SW, BB	3.687	9:06	10.29	1	pp	6.75	1942	4.2	Quite turbid, grey/brown.
P03-09-09	5/15/2012	11:05	SW, BB	3.972	9:08	8.41	0.5	pp	6.74	1923	4.1	Quite turbid, good yield.
P05-01 Cross Valley Dam												
P05-01-01	5/15/2012		SW, BB		8:01							Frozen at 1.668 m.
P05-01-02	5/15/2012		SW, BB		8:03							Frozen at 1.768 m.
P05-01-03	5/15/2012		SW, BB		8:04							Frozen at 1.827 m.
P05-01-04	5/15/2012		SW, BB		8:05							Frozen at 1.884 m.
P05-01-05	5/15/2012	8:34	SW, BB	2.192	8:06	6.588	1	pp	6.51	3240	3.4	Good yield, clear water, collected duplicate labeled DUP4.
P05-01-06	5/15/2012		SW, BB		8:08	4.421						Dry.

pp = peristaltic pump

TABLE 4

INORGANICS, ANIONS AND PHYSICAL PROPERTIES, FARO GROUNDWATER, MAY 2012

Well #	Sampling Date	Misc. Inorganics			Anions		Physical Properties		
		Acidity (pH 4.5)	Acidity (pH 8.3)	Alkalinity (Total as CaCO ₃)	Dissolved Sulphate (SO ₄)	Dissolved Chloride (Cl)	Conductivity	pH	Total Suspended Solids
Units		mg/L	mg/L	mg/L	mg/L	mg/L	uS/cm	pH Units	mg/L
P01-01A	5/15/2012	<0.50	33.8	316	827	2.0	1810	7.96	4.7
P01-01B	5/15/2012	<0.50	20.7	265	556	1.9	1390	7.73	2.2
X16A	5/14/2012	<0.50	2.80	155	38.7	1.2	347	8.08	13.0 (3)
X16B	5/14/2012	<0.50	<0.50	188	29.9	0.53	387	8.28	<1.0 (3)
X17A	5/15/2012	<0.50	12.2	299	75.7	1.5	645	8.09	161
X17B	5/15/2012	<0.50	27.2	355	500	5.2	1420	7.83	130
X18A	5/15/2012	<0.50	38.1	320	845	1.9	1840	8.01	15.4
X18B	5/15/2012	<0.50	22.0	332	845	1.9	1870	8.06	9.6
P01-11	5/14/2012	<0.50	123	466	1900	2.9	3220	7.16	75.3 (3)
P05-02	5/14/2012	<0.50	55.5	365	1650	2.9	2710	7.46	298 (3)
P09-C2	5/14/2012	<0.50	280	1670	6.80	25	2740	6.91	16.4 (3)
P05-03	5/14/2012	<0.50	25.5	317	883	2.0	1740	7.81	60.8 (3)
P01-02A	5/14/2012	<0.50	4.61	247	162	1.1	720	8.11	3.1 (3)
P01-02B	5/14/2012	<0.50	3.56	214	89.0	0.85	553	7.96	172 (3)
X24D-96	5/16/2012	<0.50	157	457	2500	3.5	3790	6.89	8.1
X25A-96	5/16/2012	<0.50	19.1	281	566	1.4	1460	7.48	3.6
X25B-96	5/16/2012	<0.50	26.2	267	601	1.4	1480	7.84	3.1
P01-03	5/16/2012	<0.50	180	332	2740	4.0	3650	6.79	583
P01-04B	5/16/2012	<0.50	61.0	327	1230	2.0	2250	7.46	62.5
X21A-96	5/17/2012	45.6 (1)	17000 (1)	<0.50	23600	<0.50	17100	4.11	169
X21B-96	5/17/2012	<0.50	453	116	2110	7.3 (2)	2880	6.50	57.6
P09-ETA2	5/15/2012	<0.50	6300 (1)	9.88	10400	5.0	10100	5.26	218
P96-8A	5/15/2012	<0.50	1170	74.9	6300	11	7470	6.22	15.4
P96-8B	5/15/2012	<0.50	11.8	10.2	130	0.60	305	6.73	12.9
SRK08-P10A	5/15/2012	<0.50	314	473	1740	100	3480	7.67	1020
SRK08-P9	5/17/2012	<0.50	26.1	261	791	1.5	1650	7.79	289
SRK08-P11B	5/15/2012	<0.50	19.6	172	627	1.4	1350	7.40	39.0
P96-7	5/16/2012	<0.50	27.8	253	2220	1.0	3160	7.72	400
S1A	5/16/2012	<0.50	16.6	60.4	197	1.1	514	7.01	79.9
S2A	5/15/2012	<0.50	94.9	322	444	2.9	1290	6.83	150
S2B	5/15/2012	<0.50	901	172	8210	7.5	8180	6.74	391
SRK05-SP-4A	5/15/2012	<0.50	202	266	374	1.5	1100	6.61	53.3
SRK05-SP-5	5/15/2012	<0.50	681	240	5330	6.1	6380	6.72	52.3
SRK08-SP7A	5/16/2012	<0.50	71.4	119	571	3.1	1150	6.82	6.2
SRK08-SP7B	5/16/2012	<0.50	13.8	77.5	35.9	0.75	222	7.29	12.4
P09-SIS1	5/15/2012	<0.50	871	157	9140	8.6	9220	6.88	2280 (4)
P09-SIS2	5/15/2012	<0.50	862	163	8950	8.6	9080	6.85	679 (4)
P09-SIS3	5/15/2012	<0.50	848	124	7080	7.8	7320	6.72	123
P09-SIS4	5/15/2012								
S09-SIS5	5/15/2012								
BH14A	5/17/2012	<0.50	44.4	414	2480	11	3870	7.65	97.5
BH14B	5/17/2012	<0.50	31.8	423	2200	12	3660	7.75	92.0
P96-6	5/17/2012	<0.50	88.7	334	518	1.1	1320	6.76	5.3
P96-9A	5/16/2012	<0.50	55.4	494	799	2.2	3190	7.75	3.1
P2001-02A	5/16/2012	<0.50	36.7	543	985	2.0	2130	7.67	572
P2001-02B	5/16/2012	<0.50	58.2	553	775	2.0	1940	7.77	1260 (4)
P2001-03	5/16/2012	<0.50	16.1	436	147	1.6	970	8.10	1620
SRK05-05C	5/16/2012	<0.50	4.56	146	152	2.1	555	7.95	11700
SRK05-07	5/16/2012	<0.50	52.0	490	1700	2.2	2930	7.74	2870 (4)
SRK05-08	5/17/2012	<0.50	51.1	556	1290	1.7	2560	7.71	563
SRK-05-9	5/17/2012	<0.50	12.8	269	761	1.9	1560	7.94	1520
V35	5/16/2012	<0.50	47.1	609	1830	1.8	3220	7.80	30.3
V36	5/16/2012	<0.50	43.0	442	1450	1.4	2460	7.63	27.1
V37	5/16/2012	<0.50	9.44	441	313	0.93	1140	8.16	46.8
P09-LCD2	5/17/2012	<0.50	19.7	318	337	1.2	1040	7.81	1380
P09-LCD4	5/17/2012	<0.50	5.47	326	188	1.4	930	8.19	123
P09-LCD6	5/17/2012	<0.50	18.3	264	328	1.1	942	7.85	332
P09-VC1	5/17/2012	<0.50	0.52	123	62.7	0.70	362	8.07	5.2
P09-VC2	5/17/2012	<0.50	4.91	166	41.9	1.0	392	7.77	6.3
P05-01-05	5/15/2012	<0.50	64.6	381	1760	3.0	3040	7.30	15.1
P03-09-02	5/15/2012	<0.50	27.6	324	513	2.5	1480	7.65	18.1
P03-09-04	5/15/2012	<0.50	23.9	287	663	1.4	1610	7.72	5.0
P03-09-06	5/15/2012	<0.50	30.5	308	783	1.8	1800	7.58	20.0
P03-09-08	5/15/2012	<0.50	30.7	307	979	1.8	1850	7.64	235
P03-09-09	5/15/2012	<0.50	34.3	307	817	2.5	1850	7.37	61.5
P03-06-01	5/17/2012	<0.50	752	36.9	3670	5.9	4260	5.46	65.0
P03-06-02	5/17/2012	<0.50	1400	28.1	3790	4.5	4790	5.33	245
P03-06-03	5/17/2012	<0.50	2440 (1)	30.2	4570	5.1	4980	5.46	192
P03-06-04	5/17/2012	<0.50	635	61.9	2430	3.9	3060	6.00	203 (5)
P03-06-05	5/17/2012	<0.50	1470	23.3	4800	4.0	5250	5.75	497 (4)
P03-06-06	5/17/2012	1.83	4950 (1)	<0.50	19200	<0.50	15800	4.04	2080 (4)
DUP 1									
DUP 2									
DUP 3		<0.50	44.7	335	1140	2.2	2260	7.46	15.3
DUP 4		<0.50	88.9	384	1690	3.2	3050	7.18	17.5
DUP 5		<0.50	137	265	304	1.5	1100	6.33	14.6
FIELD BLANK		<0.50	<0.50	<0.50	<0.50	<0.50	1.2	5.37	<1.0
TRAVEL BLANK		<0.50	<0.50	0.77	<0.50	0.98	1.1	5.82	<1.0

(1) = Reportable Detection Limit (RDL) raised due to sample dilution due to high TSS

(2) = RDL raised due to sample matrix interference

(3) = Sample was analyzed past holding time

(4) = RDL was raised

(5) = RDL raised due to low volume

TABLE 5, APPENDIX B

LOW LEVEL METALS IN FARO GROUNDWATER, MAY 2012

		P01-01A	P01-01B	X16A	X16B	X17A	X17B	X18A	X18B	P01-11	P05-02	P09-C2
Sampling Date		5/15/2012	5/15/2012	5/14/2012	5/14/2012	5/15/2012	5/15/2012	5/15/2012	5/15/2012	5/14/2012	5/14/2012	5/14/2012
Dissolved Hardness (CaCO ₃)	mg/L	1060	740	167	190	326	729	1040	1090	1980	1600	950
Dissolved Aluminum (Al)	ug/L	3.14	4.02	5.32	3.16	2.34	3.23	3.55	3.39	4.3	7.1	22.2
Dissolved Antimony (Sb)	ug/L	0.044	0.034	0.182	0.118	0.073	<0.020	0.033	0.048	<0.10	<0.10	<0.10
Dissolved Arsenic (As)	ug/L	0.219	2.45	0.206	0.159	0.519	0.232	9.14	0.312	39.9	3.04	0.11
Dissolved Barium (Ba)	ug/L	41.2	53.8	82.9	122	205	97.2	135	83.6	30.3	27.3	747
Dissolved Beryllium (Be)	ug/L	<0.010	0.038	<0.010	<0.010	<0.010	0.016	<0.010	<0.010	<0.050	<0.050	2.76
Dissolved Bismuth (Bi)	ug/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.025	<0.025
Dissolved Boron (B)	ug/L	<50	<50	<50	<50	<50	<50	<50	<50	<250	<250	<250
Dissolved Cadmium (Cd)	ug/L	1.01	0.0209	0.0925	0.0145	0.0691	0.0137	0.0142	0.597	<0.025	0.101	0.877
Dissolved Chromium (Cr)	ug/L	<0.10	<0.10	0.15	0.15	<0.10	<0.10	<0.10	<0.10	<0.50	<0.50	<0.50
Dissolved Cobalt (Co)	ug/L	1.78	0.188	0.0145	0.0111	0.0256	0.124	1.84	0.896	8.05	12.4	<0.025
Dissolved Copper (Cu)	ug/L	0.443	0.085	0.333	1.16	1.06	0.086	0.231	0.646	<0.25	<0.25	<0.25
Dissolved Iron (Fe)	ug/L	9.6	726	5.9	2.3	5.5	4360	5140	62.9	58000	11300	3330
Dissolved Lead (Pb)	ug/L	0.0616	0.0693	0.0264	0.106	0.0266	0.0391	0.0299	0.0357	0.135	0.120	0.063
Dissolved Lithium (Li)	ug/L	13.5	11.9	2.14	2.75	3.61	39.4	15.2	12.6	20.0	18.1	885
Dissolved Manganese (Mn)	ug/L	6540	147	1.15	0.610	57.6	755	6690	2760	31400	24600	129
Dissolved Molybdenum (Mo)	ug/L	0.932	0.908	2.01	1.55	1.49	0.447	0.613	0.571	0.78	0.37	<0.25
Dissolved Nickel (Ni)	ug/L	9.06	0.706	0.343	0.490	0.829	0.293	4.20	20.0	15.9	13.6	0.11
Dissolved Selenium (Se)	ug/L	0.044	<0.040	1.06	1.91	<0.040	<0.040	<0.040	0.061	<0.20	<0.20	<0.20
Dissolved Silicon (Si)	ug/L	7120	5250	3490	3930	4710	6100	6700	6520	10400	8190	9780
Dissolved Silver (Ag)	ug/L	<0.0050	<0.0050	<0.0050	<0.0050	0.0072	<0.0050	<0.0050	<0.0050	<0.025	<0.025	0.132
Dissolved Strontium (Sr)	ug/L	990	855	146	170	272	677	1220	1070	1460	1180	4660
Dissolved Thallium (Tl)	ug/L	0.0176	<0.0020	0.0022	0.0022	<0.0020	<0.0020	<0.0020	0.0069	<0.010	0.040	<0.010
Dissolved Tin (Sn)	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<1.0	<1.0	<1.0
Dissolved Titanium (Ti)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<2.5	<2.5
Dissolved Uranium (U)	ug/L	9.16	8.77	1.82	1.89	3.45	2.54	9.02	14.0	11.8	6.23	0.527
Dissolved Vanadium (V)	ug/L	0.27	0.20	<0.20	0.23	0.22	0.24	<0.20	<0.20	<1.0	<1.0	<1.0
Dissolved Zinc (Zn)	ug/L	3.64	2.13	6.92	4.40	3.68	0.36	3.57	4.74	8.28	47.6	2.10
Dissolved Zirconium (Zr)	ug/L	0.11	0.64	<0.10	<0.10	<0.10	0.90	0.34	0.14	<0.50	<0.50	78.6
Dissolved Calcium (Ca)	mg/L	315	219	47.4	52.2	90.6	202	300	316	577	478	196
Dissolved Magnesium (Mg)	mg/L	67.3	47.0	11.8	14.5	24.2	54.3	71.5	74.0	131	98.9	112
Dissolved Potassium (K)	mg/L	6.64	4.52	1.07	1.16	1.43	4.00	6.43	6.72	8.39	7.03	12.6
Dissolved Sodium (Na)	mg/L	21.3	24.7	1.99	1.82	2.82	40.9	20.3	18.7	41.4	35.0	335
Dissolved Sulphur (S)	mg/L	300	199	11	<10	22	178	303	303	612	479	<50

TABLE 5, APPENDIX B

LOW LEVEL METALS IN FARO GROUNDWATER, MAY 2012

		P05-03	P01-02A	P01-02B	X24D-96	X25A-96	X25B-96	P01-03	P01-04B	X21A-96	X21B-96	P09-ETA2
Sampling Date		5/14/2012	5/14/2012	5/14/2012	5/16/2012	5/16/2012	5/16/2012	5/16/2012	5/16/2012	5/17/2012	5/17/2012	5/15/2012
Dissolved Hardness (CaCO ₃)	mg/L	960	383	275	2640	775	780	2450	1320	2780	1400	3170
Dissolved Aluminum (Al)	ug/L	6.3	3.04	2.40	7.2	4.4	1.99	6.2	5.2	2640	4.4	1020
Dissolved Antimony (Sb)	ug/L	<0.10	0.030	0.029	<0.20	<0.10	0.021	<0.20	<0.10	<2.0	<0.10	<2.0
Dissolved Arsenic (As)	ug/L	2.90	0.676	5.11	<0.20	0.13	0.644	0.21	1.70	25.0	9.04	111
Dissolved Barium (Ba)	ug/L	217	67.3	36.7	21.4	59.4	32.8	14.0	21.2	4.8	18.1	11.9
Dissolved Beryllium (Be)	ug/L	<0.050	<0.010	<0.010	<0.10	<0.050	<0.010	<0.10	<0.050	18.0	<0.050	3.0
Dissolved Bismuth (Bi)	ug/L	<0.025	<0.0050	<0.0050	<0.050	<0.025	<0.0050	<0.050	<0.025	<0.50	<0.025	<0.50
Dissolved Boron (B)	ug/L	<250	<50	<50	<500	<250	<50	<500	<250	<5000	<250	<5000
Dissolved Cadmium (Cd)	ug/L	0.213	0.0767	<0.0050	3.66	0.157	0.0347	1.88	<0.025	5.56	0.173	1.12
Dissolved Chromium (Cr)	ug/L	<0.50	<0.10	<0.10	<1.0	<0.50	<0.10	<1.0	<0.50	<10	<0.50	<10
Dissolved Cobalt (Co)	ug/L	3.01	0.656	0.0590	264	6.51	0.219	177	0.935	15.6	61.8	986
Dissolved Copper (Cu)	ug/L	<0.25	0.286	<0.050	2.71	1.92	0.113	<0.50	<0.25	9.9	<0.25	<5.0
Dissolved Iron (Fe)	ug/L	5130	20.8	1190	61	13.4	1050	48700	11400	10000000	274000	3480000
Dissolved Lead (Pb)	ug/L	0.120	0.0166	0.0132	<0.050	<0.025	0.0077	0.075	0.052	13.8	0.621	3.32
Dissolved Lithium (Li)	ug/L	7.9	6.40	6.02	31.5	4.8	9.86	26.5	21.3	72	23.7	95
Dissolved Manganese (Mn)	ug/L	12800	1250	115	94500	10000	283	84100	6390	345000	50100	73000
Dissolved Molybdenum (Mo)	ug/L	2.63	1.37	0.688	<0.50	1.19	0.385	<0.50	0.36	<5.0	0.56	<5.0
Dissolved Nickel (Ni)	ug/L	5.35	2.36	0.308	353	7.61	0.954	54.6	1.94	89.6	32.5	1010
Dissolved Selenium (Se)	ug/L	<0.20	<0.040	<0.040	<0.40	<0.20	<0.040	<0.40	<0.20	<4.0	<0.20	<4.0
Dissolved Silicon (Si)	ug/L	6780	5270	4390	10800	7240	5540	10200	6950	25600	11800	<10000
Dissolved Silver (Ag)	ug/L	<0.025	<0.0050	<0.0050	<0.050	<0.025	<0.0050	<0.050	<0.025	<0.50	<0.025	<0.50
Dissolved Strontium (Sr)	ug/L	731	329	262	2220	629	594	2130	1130	957	1160	3690
Dissolved Thallium (Tl)	ug/L	0.013	0.0126	<0.0020	0.249	0.014	0.0077	<0.020	<0.010	<0.20	0.042	<0.20
Dissolved Tin (Sn)	ug/L	<1.0	<0.20	<0.20	<2.0	<1.0	<0.20	<2.0	<1.0	<20	<1.0	<20
Dissolved Titanium (Ti)	ug/L	<2.5	<0.50	<0.50	<5.0	<2.5	<0.50	<5.0	<2.5	<50	<2.5	<50
Dissolved Uranium (U)	ug/L	12.0	2.85	3.12	5.33	11.4	9.21	5.94	6.35	3.42	4.95	4.18
Dissolved Vanadium (V)	ug/L	<1.0	<0.20	<0.20	<2.0	<1.0	<0.20	<2.0	<1.0	<20	<1.0	<20
Dissolved Zinc (Zn)	ug/L	12.0	0.68	1.37	169	5.16	0.57	57.1	1.31	541000	511	979000
Dissolved Zirconium (Zr)	ug/L	0.72	<0.10	<0.10	<1.0	0.53	<0.10	<1.0	<0.50	<10	0.67	<10
Dissolved Calcium (Ca)	mg/L	281	109	66.4	761	223	246	700	410	379	411	439
Dissolved Magnesium (Mg)	mg/L	62.8	27.1	26.4	180	53.0	40.3	171	72.9	445	91.7	504
Dissolved Potassium (K)	mg/L	4.48	2.98	2.05	8.57	4.66	3.97	8.11	5.82	12.4	5.84	7.8
Dissolved Sodium (Na)	mg/L	26.8	8.49	6.47	42.2	20.2	51.5	33.4	44.5	51.1	59.5	32.3
Dissolved Sulphur (S)	mg/L	254	53	30	779	191	227	823	373	7200	642	3530

TABLE 5, APPENDIX B

LOW LEVEL METALS IN FARO GROUNDWATER, MAY 2012

		P96-8A	P96-8B	SRK08-P10A	SRK08-P9	SRK08-P11B	P96-7	S1A	S2A	S2B	SRK05-SP-4A
Sampling Date		5/15/2012	5/15/2012	5/15/2012	5/17/2012	5/15/2012	5/16/2012	5/16/2012	5/15/2012	5/15/2012	5/15/2012
Dissolved Hardness (CaCO ₃)	mg/L	5700	120	2160	991	825	2220	280	693	6340	588
Dissolved Aluminum (Al)	ug/L	447	13.9	6.0	3.8	3.53	3.8	5.21	16.3	19	37.3
Dissolved Antimony (Sb)	ug/L	<0.40	0.39	<0.10	<0.10	0.029	<0.10	0.026	0.054	<1.0	0.029
Dissolved Arsenic (As)	ug/L	0.73	<0.10	0.46	0.59	0.151	0.17	0.075	0.197	1.2	3.41
Dissolved Barium (Ba)	ug/L	16.4	78.1	20.6	29.7	60.8	9.37	57.8	22.2	20.3	15.7
Dissolved Beryllium (Be)	ug/L	0.95	<0.050	<0.050	<0.050	<0.010	<0.050	0.028	0.069	<0.50	1.07
Dissolved Bismuth (Bi)	ug/L	<0.10	<0.025	<0.025	<0.025	<0.0050	<0.025	<0.0050	<0.0050	<0.25	<0.0050
Dissolved Boron (B)	ug/L	<1000	<250	<250	<250	<50	<250	<50	<50	<2500	<50
Dissolved Cadmium (Cd)	ug/L	88.6	1.74	0.246	0.055	1.42	0.037	0.579	0.628	32.3	0.0919
Dissolved Chromium (Cr)	ug/L	<2.0	<0.50	<0.50	<0.50	<0.10	<0.50	<0.10	<0.10	<5.0	<0.10
Dissolved Cobalt (Co)	ug/L	1300	8.42	3.93	4.23	0.198	<0.025	1.88	14.3	693	11.0
Dissolved Copper (Cu)	ug/L	10.4	2.55	1.36	0.81	1.52	0.75	0.526	1.05	3.4	<0.050
Dissolved Iron (Fe)	ug/L	87700	605	15.4	340	57.1	10.6	3040	14000	31600	26300
Dissolved Lead (Pb)	ug/L	30.7	1.27	0.101	0.144	0.0709	0.029	0.0353	0.151	<0.25	0.234
Dissolved Lithium (Li)	ug/L	208	16.8	6.2	12.6	13.6	38.0	35.0	43.7	179	64.8
Dissolved Manganese (Mn)	ug/L	101000	678	9.37	341	1600	2.71	3940	2100	123000	1390
Dissolved Molybdenum (Mo)	ug/L	<1.0	<0.25	<0.25	2.03	0.259	0.58	<0.050	0.170	<2.5	0.173
Dissolved Nickel (Ni)	ug/L	1260	20.7	6.61	31.2	24.7	2.48	6.07	28.2	1900	26.1
Dissolved Selenium (Se)	ug/L	<0.80	<0.20	<0.20	1.43	0.053	0.66	0.065	0.042	<2.0	<0.040
Dissolved Silicon (Si)	ug/L	11800	4040	8960	6090	7570	4770	8140	14000	12200	15200
Dissolved Silver (Ag)	ug/L	<0.10	<0.025	<0.025	<0.025	<0.0050	<0.025	<0.0050	0.0074	<0.25	<0.0050
Dissolved Strontium (Sr)	ug/L	4000	175	1510	3920	857	750	271	645	2220	697
Dissolved Thallium (Tl)	ug/L	0.326	0.040	<0.010	<0.010	0.0318	<0.010	0.0035	0.0041	<0.10	<0.0020
Dissolved Tin (Sn)	ug/L	<4.0	<1.0	<1.0	<1.0	<0.20	<1.0	<0.20	<0.20	<10	<0.20
Dissolved Titanium (Ti)	ug/L	<10	<2.5	<2.5	<2.5	<0.50	<2.5	<0.50	<0.50	<25	<0.50
Dissolved Uranium (U)	ug/L	1.81	0.068	40.9	7.96	1.80	31.7	0.0997	4.32	0.54	0.949
Dissolved Vanadium (V)	ug/L	<4.0	<1.0	<1.0	<1.0	<0.20	<1.0	<0.20	<0.20	<10	<0.20
Dissolved Zinc (Zn)	ug/L	545000	7140	29.0	7.16	332	5.38	1320	2930	453000	1330
Dissolved Zirconium (Zr)	ug/L	<2.0	<0.50	1.68	<0.50	<0.10	<0.50	<0.10	2.64	<5.0	0.12
Dissolved Calcium (Ca)	mg/L	390	21.9	728	296	229	532	35.3	175	470	143
Dissolved Magnesium (Mg)	mg/L	1150	15.7	84.6	61.0	61.8	218	46.5	62.2	1250	56.1
Dissolved Potassium (K)	mg/L	18.5	3.44	14.7	5.98	4.03	6.14	2.80	5.54	13.5	4.95
Dissolved Sodium (Na)	mg/L	62.4	1.88	145	9.49	12.1	19.3	4.34	8.63	39.5	10.2
Dissolved Sulphur (S)	mg/L	2250	<50	606	258	245	695	86	152	2600	129

TABLE 5, APPENDIX B

LOW LEVEL METALS IN FARO GROUNDWATER, MAY 2012

		SRK05-SP-5	SRK08-SP7A	SRK08-SP7B	P09-SIS1	P09-SIS2	P09-SIS3	P09-SIS4	S09-SIS5	BH14A	BH14B	P96-6
Sampling Date		5/15/2012	5/16/2012	5/16/2012	5/15/2012	5/15/2012	5/15/2012	5/15/2012	5/15/2012	5/17/2012	5/17/2012	5/17/2012
Dissolved Hardness (CaCO ₃)	mg/L	4720	585	94.6	7070	6930	5370	5230	3770	2680	2440	755
Dissolved Aluminum (Al)	ug/L	38	10.7	8.01	39	46	29	5.9	8.9	5.8	19.7	3.85
Dissolved Antimony (Sb)	ug/L	<1.0	0.029	0.022	<1.0	<1.0	<1.0	0.43	0.24	<0.10	<0.10	0.023
Dissolved Arsenic (As)	ug/L	1.5	5.08	0.948 (1)	<1.0	<1.0	<1.0	0.32	1.78	0.15	0.17	0.152
Dissolved Barium (Ba)	ug/L	21.0	11.7	35.7	22.2	21.7	18.5	18.0	26.4	17.0	17.7	21.8
Dissolved Beryllium (Be)	ug/L	<0.50	0.386	0.045	<0.50	<0.50	<0.50	<0.10	<0.050	<0.050	<0.050	0.105
Dissolved Bismuth (Bi)	ug/L	<0.25	<0.0050	<0.0050	<0.25	<0.25	<0.25	<0.050	<0.025	<0.025	<0.025	<0.0050
Dissolved Boron (B)	ug/L	<2500	<50	<50	<2500	<2500	<2500	<500	<250	<250	<250	<50
Dissolved Cadmium (Cd)	ug/L	153	0.0451	0.0108	251	275	219	23.2	0.224	1.36	0.130	0.421
Dissolved Chromium (Cr)	ug/L	<5.0	<0.10	<0.10	<5.0	<5.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.10
Dissolved Cobalt (Co)	ug/L	794	7.72	0.707	1360	1510	595	0.813	48.0	0.330	0.083	0.0259
Dissolved Copper (Cu)	ug/L	7.9	<0.050	0.136	5.4	11.2	16.0	8.30	0.58	1.95	1.35	0.421
Dissolved Iron (Fe)	ug/L	1390	19000	1740	2800	568	188	16	12100	22.0	14.1	4.7
Dissolved Lead (Pb)	ug/L	2.27	0.0685	0.0264	1.14	0.43	<0.25	0.413	0.044	31.7	18.4	0.273
Dissolved Lithium (Li)	ug/L	138	48.9	14.3	198	199	142	119	56.6	79.7	66.7	40.6
Dissolved Manganese (Mn)	ug/L	89500	1500	965	140000	142000	99600	9850	38500	28.1	3.74	4.46
Dissolved Molybdenum (Mo)	ug/L	<2.5	0.110	0.118	<2.5	<2.5	<2.5	<0.50	0.90	0.29	<0.25	<0.050
Dissolved Nickel (Ni)	ug/L	2170	20.0	3.48	3380	3460	2760	948	126	64.2	2.77	23.1
Dissolved Selenium (Se)	ug/L	<2.0	<0.040	0.044	<2.0	<2.0	<2.0	<0.40	<0.20	0.55	0.53	3.05
Dissolved Silicon (Si)	ug/L	13300	12800	6400	12900	12900	11600	11400	10400	9110	8410	11100
Dissolved Silver (Ag)	ug/L	<0.25	<0.0050	<0.0050	<0.25	<0.25	<0.25	<0.050	<0.025	<0.025	<0.025	<0.0050
Dissolved Strontium (Sr)	ug/L	1660	593	105	2270	2210	1810	2220	2060	3120	3270	682
Dissolved Thallium (Tl)	ug/L	<0.10	0.0021	<0.0020	<0.10	<0.10	<0.10	<0.020	0.038	0.014	<0.010	0.0028
Dissolved Tin (Sn)	ug/L	<10	<0.20	<0.20	<10	<10	<10	<2.0	<1.0	<1.0	<1.0	<0.20
Dissolved Titanium (Ti)	ug/L	<25	<0.50	<0.50	<25	<25	<25	<5.0	<2.5	<2.5	<2.5	<0.50
Dissolved Uranium (U)	ug/L	4.26	0.501	0.0821	1.67	5.65	1.73	7.10	19.2	138	177	27.6
Dissolved Vanadium (V)	ug/L	<10	<0.20	<0.20	<10	<10	<10	<2.0	<1.0	<1.0	<1.0	<0.20
Dissolved Zinc (Zn)	ug/L	386000	568	974	627000	635000	496000	142000	5640	6570	270	727
Dissolved Zirconium (Zr)	ug/L	<5.0	<0.10	<0.10	<5.0	<5.0	<5.0	<1.0	<0.50	<0.50	<0.50	<0.10
Dissolved Calcium (Ca)	mg/L	367	145	11.7	485	464	397	451	451	536	525	199
Dissolved Magnesium (Mg)	mg/L	923	54.4	15.9	1420	1400	1060	997	642	325	274	62.8
Dissolved Potassium (K)	mg/L	11.8	5.10	1.66	14.9	14.6	12.8	10.1	9.40	4.07	4.31	4.31
Dissolved Sodium (Na)	mg/L	30.7	9.77	2.61	41.8	39.8	30.7	34.3	100	17.6	16.0	6.52
Dissolved Sulphur (S)	mg/L	1900	189	12	2950	2960	2240	1940	1310	804	696	166

TABLE 5, APPENDIX B

LOW LEVEL METALS IN FARO GROUNDWATER, MAY 2012

		P96-9A	P2001-02A	P2001-02B	P2001-03	SRK05-05C	SRK05-07	SRK05-08	SRK-05-9	V35	V36	V37	P09-LCD2
Sampling Date		5/16/2012	5/16/2012	5/16/2012	5/16/2012	5/16/2012	5/16/2012	5/17/2012	5/17/2012	5/16/2012	5/16/2012	5/16/2012	5/17/2012
Dissolved Hardness (CaCO ₃)	mg/L	2170	1270	1160	517	254	1930	1650	969	2130	1670	623	571
Dissolved Aluminum (Al)	ug/L	6.9	3.6	3.4	4.54	33.4	4.4	2.2	4.93	4.3	3.1	4.58	6.85
Dissolved Antimony (Sb)	ug/L	0.13	0.22	<0.10	0.088	0.153	0.65	<0.10	0.289	0.38	0.18	0.095	0.168
Dissolved Arsenic (As)	ug/L	0.43	18.2	5.74	2.48	3.95	1.51	0.31	0.872	1.00	1.92	3.54	72.4
Dissolved Barium (Ba)	ug/L	48.5	15.0	32.3	37.1	71.2	49.2	14.2	28.5	11.7	7.08	77.8	34.5
Dissolved Beryllium (Be)	ug/L	<0.050	<0.050	<0.050	<0.010	<0.010	<0.050	<0.050	<0.010	<0.050	<0.050	<0.010	<0.010
Dissolved Bismuth (Bi)	ug/L	<0.025	<0.025	<0.025	<0.0050	<0.0050	<0.025	<0.025	<0.0050	<0.025	<0.025	0.0088	<0.0050
Dissolved Boron (B)	ug/L	<250	<250	<250	<50	<50	<250	<250	<50	<250	<250	<50	<50
Dissolved Cadmium (Cd)	ug/L	0.333	<0.025	<0.025	0.185	0.0347	0.119	0.035	0.144	0.146	0.437	0.0083	0.0665
Dissolved Chromium (Cr)	ug/L	<0.50	<0.50	<0.50	<0.10	<0.10	<0.50	<0.50	0.35	<0.50	<0.50	0.12	<0.10
Dissolved Cobalt (Co)	ug/L	0.082	0.783	0.339	0.665	0.306	1.54	0.958	0.0278 (1)	0.088	0.819	0.447	2.07
Dissolved Copper (Cu)	ug/L	2.21	<0.25	<0.25	0.560	0.408	0.78	2.30	3.20	0.81	2.30	0.230	0.156
Dissolved Iron (Fe)	ug/L	46.4	829	5560	42.6	44.6	17.4	5.9	7.8	10.9	<5.0	477	2770
Dissolved Lead (Pb)	ug/L	0.131	0.082	0.051	0.101	0.434	0.160	0.071	0.306	0.124	2.90	0.0629	8.14
Dissolved Lithium (Li)	ug/L	12.6	36.1	31.2	12.1	7.63	6.2	17.6	6.05	26.6	37.9	26.9	11.0
Dissolved Manganese (Mn)	ug/L	10.8	180	536	477	403	124	0.62	0.728	8.79	22.7	110	873
Dissolved Molybdenum (Mo)	ug/L	0.86	1.71	0.92	9.09	20.8	1.01	0.38	1.58	1.78	0.47	21.5	3.59
Dissolved Nickel (Ni)	ug/L	7.21	4.24	1.09	2.29	1.52	96.1	1.80	1.06	5.80	10.7	1.65	2.72
Dissolved Selenium (Se)	ug/L	0.86	<0.20	<0.20	0.071	<0.040	0.50	0.30	0.419	1.07	3.06	0.319	<0.040
Dissolved Silicon (Si)	ug/L	5350	5870	6370	6960	4870	6230	5900	3730	5850	5430	3420	7320
Dissolved Silver (Ag)	ug/L	<0.025	<0.025	<0.025	<0.0050	<0.0050	<0.025	<0.025	<0.0050	<0.025	<0.025	<0.0050	<0.0050
Dissolved Strontium (Sr)	ug/L	1200	1470	1350	685	671	1210	1430	561	1210	1530	663	1040
Dissolved Thallium (Tl)	ug/L	<0.010	<0.010	<0.010	<0.0020	0.0118	<0.010	<0.010	0.0053	0.028	0.058	<0.0020	0.0269
Dissolved Tin (Sn)	ug/L	<1.0	<1.0	<1.0	<0.20	<0.20	<1.0	<1.0	<0.20	<1.0	<1.0	1.39	<0.20
Dissolved Titanium (Ti)	ug/L	<2.5	<2.5	<2.5	<0.50	0.76	<2.5	<2.5	<0.50	<2.5	<2.5	<0.50	<0.50
Dissolved Uranium (U)	ug/L	48.9	41.5	24.9	14.5	2.71	19.3	26.3	22.4	97.1	36.2	2.30	12.6
Dissolved Vanadium (V)	ug/L	<1.0	<1.0	<1.0	0.26	0.43	<1.0	<1.0	<0.20	<1.0	<1.0	0.31	<0.20
Dissolved Zinc (Zn)	ug/L	21.5	11.5	7.72	5.25	4.14	20.4	1.83	4.64	13.9	102	26.0	15.2
Dissolved Zirconium (Zr)	ug/L	<0.50	<0.50	<0.50	0.48	0.13	<0.50	<0.50	<0.10	<0.50	<0.50	<0.10	<0.10
Dissolved Calcium (Ca)	mg/L	320	265	247	98.4	66.7	412	339	166	437	334	83.9	154
Dissolved Magnesium (Mg)	mg/L	334	147	133	66.0	21.3	219	194	135	253	204	101	45.4
Dissolved Potassium (K)	mg/L	5.03	5.16	4.70	3.46	1.71	1.83	1.86	2.90	4.66	4.74	5.86	3.17
Dissolved Sodium (Na)	mg/L	12.9	11.1	13.5	28.3	17.1	11.5	9.79	8.35	9.16	7.71	31.2	11.7
Dissolved Sulphur (S)	mg/L	643	301	241	51	52	554	431	250	512	413	88	103

TABLE 5, APPENDIX B

LOW LEVEL METALS IN FARO GROUNDWATER, MAY 2012

		P09-LCD4	P09-LCD6	P09-VC1	P09-VC2	P05-01-05	P03-09-02	P03-09-04	P03-09-06	P03-09-08	P03-09-09	P03-06-01	P03-06-02
Sampling Date		5/17/2012	5/17/2012	5/17/2012	5/17/2012	5/15/2012	5/15/2012	5/15/2012	5/15/2012	5/15/2012	5/15/2012	5/17/2012	5/17/2012
Dissolved Hardness (CaCO ₃)	mg/L	317	505	139	191	1940	789	874	1010	947	1030	2160	2200
Dissolved Aluminum (Al)	ug/L	7.93	3.62	2.90	2.22	3.6	3.14	2.8	2.4	3.5	2.3	572	432
Dissolved Antimony (Sb)	ug/L	1.00	0.071	<0.020	0.704	<0.10	<0.020	<0.10	<0.10	<0.10	<0.10	<1.0	<1.0
Dissolved Arsenic (As)	ug/L	2.48	121	1.88	122	3.06	1.90	0.40	0.35	0.44	0.22	<1.0	1.9
Dissolved Barium (Ba)	ug/L	83.1	42.9	17.6	42.1	19.3	35.6	37.4	36.7	29.5	31.3	14.1	12.5
Dissolved Beryllium (Be)	ug/L	<0.010	<0.010	<0.010	<0.010	<0.050	0.027	<0.050	<0.050	<0.050	<0.050	0.87	0.83
Dissolved Bismuth (Bi)	ug/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.025	<0.025	<0.025	<0.025	<0.25	<0.25
Dissolved Boron (B)	ug/L	<50	<50	<50	<50	<250	<50	<250	<250	<250	<250	<2500	<2500
Dissolved Cadmium (Cd)	ug/L	0.131	0.0220	<0.0050	<0.0050	0.641	0.0100	0.678	0.397	0.733	1.26	35.1	30.6
Dissolved Chromium (Cr)	ug/L	0.15	<0.10	<0.10	<0.10	<0.50	<0.10	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0
Dissolved Cobalt (Co)	ug/L	0.145	1.10	0.0216	0.251	30.3	0.277	5.15	1.96	4.90	4.86	2060	1420
Dissolved Copper (Cu)	ug/L	5.81	0.126	0.094	<0.050	<0.25	<0.050	0.58	0.31	0.33	<0.25	<2.5	<2.5
Dissolved Iron (Fe)	ug/L	17.2	7110	288	1820	17100	7920	23.2	26.1	505	66.7	371000	847000
Dissolved Lead (Pb)	ug/L	3.20	2.04	0.0477	0.443	0.029	0.0140	<0.025	<0.025	0.120	0.040	5.67	6.36
Dissolved Lithium (Li)	ug/L	7.28	7.60	3.42	7.67	26.3	37.5	12.5	15.9	15.2	15.0	63	65
Dissolved Manganese (Mn)	ug/L	117	535	12.8	90.4	39600	1160	9400	12900	14200	13600	213000	165000
Dissolved Molybdenum (Mo)	ug/L	7.60	2.41	0.320	8.83	0.48	0.567	0.76	0.96	1.00	0.85	<2.5	<2.5
Dissolved Nickel (Ni)	ug/L	7.89	1.14	0.074	0.274	33.4	0.837	17.2	22.6	20.0	21.1	3020	2090
Dissolved Selenium (Se)	ug/L	0.258	<0.040	<0.040	<0.040	<0.20	<0.040	<0.20	<0.20	<0.20	<0.20	<2.0	<2.0
Dissolved Silicon (Si)	ug/L	4110	7350	5600	6570	9250	7210	7010	7290	6700	7620	24200	22500
Dissolved Silver (Ag)	ug/L	0.0054	<0.0050	<0.0050	<0.0050	<0.025	<0.0050	<0.025	<0.025	<0.025	<0.025	<0.25	<0.25
Dissolved Strontium (Sr)	ug/L	459	761	552	847	1510	1070	647	768	771	724	2140	1990
Dissolved Thallium (Tl)	ug/L	0.0359	0.0073	<0.0020	0.0030	0.034	<0.0020	0.014	<0.010	<0.010	<0.010	0.11	<0.10
Dissolved Tin (Sn)	ug/L	<0.20	<0.20	<0.20	<0.20	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<10	<10
Dissolved Titanium (Ti)	ug/L	<0.50	<0.50	<0.50	<0.50	<2.5	<0.50	<2.5	<2.5	<2.5	<2.5	<25	<25
Dissolved Uranium (U)	ug/L	5.87	3.03	5.69	4.25	7.10	2.67	9.07	8.41	8.68	8.00	1.33	1.71
Dissolved Vanadium (V)	ug/L	0.21	<0.20	<0.20	<0.20	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<10	<10
Dissolved Zinc (Zn)	ug/L	16.3	3.67	3.72	88.2	5.47	4.85	3.90	4.40	5.05	4.52	15300	19500
Dissolved Zirconium (Zr)	ug/L	0.33	<0.10	<0.10	<0.10	<0.50	0.42	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0
Dissolved Calcium (Ca)	mg/L	87.0	135	40.9	57.0	561	214	257	295	275	307	553	576
Dissolved Magnesium (Mg)	mg/L	24.1	41.2	8.99	11.8	131	61.5	56.1	65.9	63.2	63.3	189	184
Dissolved Potassium (K)	mg/L	2.00	2.35	1.00	1.17	8.50	4.04	4.68	5.07	5.02	4.92	6.2	6.4
Dissolved Sodium (Na)	mg/L	93.8	6.83	20.6	5.99	36.5	42.1	27.7	32.9	31.5	31.5	31.4	27.5
Dissolved Sulphur (S)	mg/L	67	92	22	14	592	201	231	274	281	272	972	1170

TABLE 5, APPENDIX B

LOW LEVEL METALS IN FARO GROUNDWATER, MAY 2012

		P03-06-03	P03-06-04	P03-06-05	P03-06-06	DUP 1	DUP 2	DUP 3	DUP 4	DUP 5	FIELD BLANK	TRAVEL BLANK
Sampling Date		5/17/2012	5/17/2012	5/17/2012	5/17/2012							
Dissolved Hardness (CaCO ₃)	mg/L	1750	1500	2490	11800	132	2070	1320	1880	566	<0.50	<0.50
Dissolved Aluminum (Al)	ug/L	623	13.6	15	893	2.23	3.2	8.0	3.5	36.4	1.83	<0.20
Dissolved Antimony (Sb)	ug/L	<0.40	<0.20	<1.0	<10	0.037	0.39	<0.10	<0.10	0.027	<0.020	<0.020
Dissolved Arsenic (As)	ug/L	1.68	1.45	12.7	87	1.60	0.88	1.91	3.06	3.31	<0.020	<0.020
Dissolved Barium (Ba)	ug/L	9.54	17.7	5.9	<10	16.5	11.9	20.4	19.1	14.8	0.164	<0.020
Dissolved Beryllium (Be)	ug/L	1.86	<0.10	<0.50	<5.0	<0.010	<0.050	<0.050	<0.050	1.01	<0.010	<0.010
Dissolved Bismuth (Bi)	ug/L	<0.10	<0.050	<0.25	<2.5	<0.0050	<0.025	<0.025	<0.025	<0.0050	<0.0050	<0.0050
Dissolved Boron (B)	ug/L	<1000	<500	<2500	<25000	<50	<250	<250	<250	<50	<50	<50
Dissolved Cadmium (Cd)	ug/L	33.7	3.63	0.90	29.0	<0.0050	0.148	<0.025	0.644	0.0891	<0.0050	<0.0050
Dissolved Chromium (Cr)	ug/L	<2.0	<1.0	<5.0	<50	<0.10	<0.50	<0.50	<0.50	<0.10	<0.10	<0.10
Dissolved Cobalt (Co)	ug/L	716	288	245	1380	0.0105	0.076	0.840	28.0	10.2	<0.0050	<0.0050
Dissolved Copper (Cu)	ug/L	4.3	2.62	4.3	36	<0.050	0.99	0.86	<0.25	2.47	<0.050	<0.050
Dissolved Iron (Fe)	ug/L	1230000	447000	704000	1200000	33.7	28.1	11400	16800	25800	32.2	<1.0
Dissolved Lead (Pb)	ug/L	4.67	0.930	6.44	268	0.0619	0.211	0.161	0.042	0.159	0.0755	<0.0050
Dissolved Lithium (Li)	ug/L	76	40.1	59	321	3.32	27.2	21.0	25.4	64.0	<0.50	<0.50
Dissolved Manganese (Mn)	ug/L	92800	54500	71000	335000	12.7	12.2	6240	37300	1300	1.42	<0.050
Dissolved Molybdenum (Mo)	ug/L	<1.0	0.97	<2.5	<25	0.368	1.24	0.48	0.62	0.112	<0.050	<0.050
Dissolved Nickel (Ni)	ug/L	785	264	351	2210	0.048	6.00	1.95	32.0	24.6	<0.020	<0.020
Dissolved Selenium (Se)	ug/L	<0.80	<0.40	<2.0	<20	<0.040	1.15	<0.20	<0.20	<0.040	<0.040	<0.040
Dissolved Silicon (Si)	ug/L	18700	9690	7170	<50000	5270	5780	7210	9080	14700	<100	<100
Dissolved Silver (Ag)	ug/L	<0.10	<0.050	<0.25	<2.5	<0.0050	<0.025	<0.025	<0.025	<0.0050	<0.0050	<0.0050
Dissolved Strontium (Sr)	ug/L	1590	1220	645	251	530	1200	1090	1470	674	0.063	<0.050
Dissolved Thallium (Tl)	ug/L	0.100	0.097	<0.10	<1.0	<0.0020	0.025	<0.010	0.030	<0.0020	<0.0020	<0.0020
Dissolved Tin (Sn)	ug/L	<4.0	<2.0	<10	<100	<0.20	<1.0	<1.0	<1.0	0.63	<0.20	<0.20
Dissolved Titanium (Ti)	ug/L	<10	<5.0	<25	<250	<0.50	<2.5	<2.5	<2.5	<0.50	<0.50	<0.50
Dissolved Uranium (U)	ug/L	2.55	21.6	27.6	6.3	5.55	98.9	6.09	7.15	0.879	<0.0020	<0.0020
Dissolved Vanadium (V)	ug/L	<4.0	<2.0	<10	<100	<0.20	1.3	1.1	<1.0	<0.20	<0.20	<0.20
Dissolved Zinc (Zn)	ug/L	26200	9160	400000	2660000	1.78	17.1	2.35	6.13	1250	3.80	<0.10
Dissolved Zirconium (Zr)	ug/L	<2.0	<1.0	<5.0	<50	<0.10	<0.50	<0.50	<0.50	<0.10	<0.10	<0.10
Dissolved Calcium (Ca)	mg/L	447	431	273	375	38.9	424	414	552	141	0.094	<0.050
Dissolved Magnesium (Mg)	mg/L	154	102	438	2640	8.37	245	70.9	122	52.1	<0.050	<0.050
Dissolved Potassium (K)	mg/L	7.1	5.28	6.9	<25	0.986	4.69	5.65	8.01	4.80	<0.050	<0.050
Dissolved Sodium (Na)	mg/L	20.6	19.4	42.8	120	19.3	8.95	43.1	35.1	9.70	<0.050	<0.050
Dissolved Sulphur (S)	mg/L	1230	677	1280	5710	20	527	373	566	119	<10	<10

APPENDIX C

ANALYTICAL REPORT, MAY 2012

Your Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON
Your C.O.C. #: 08351397, 08351398, 08351399,
08351400, 08351401, 08351402, 08351403

Attention: Bonnie Burns
LABERGE ENVIRONMENTAL SERVICES
WHITEHORSE
405 Ogilvie Street
PO Box 21072
Whitehorse, YT
CANADA Y1A 6P7

Report Date: 2012/05/29

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B241438

Received: 2012/05/19, 12:15

Sample Matrix: Water
Samples Received: 78

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Acidity pH 4.5 & pH 8.3 (as CaCO ₃)	74	N/A	2012/05/22	BBY6SOP-00037	SM-2310B
Alkalinity - Water	50	2012/05/22	2012/05/22	BBY6SOP-00026	SM2320B
Alkalinity - Water	23	2012/05/22	2012/05/23	BBY6SOP-00026	SM2320B
Alkalinity - Water	1	2012/05/28	2012/05/28	BBY6SOP-00026	SM2320B
Chloride by Automated Colourimetry	45	N/A	2012/05/22	BBY6SOP-00011	SM-4500-CI-
Chloride by Automated Colourimetry	28	N/A	2012/05/23	BBY6SOP-00011	SM-4500-CI-
Chloride by Automated Colourimetry	1	N/A	2012/05/28	BBY6SOP-00011	SM-4500-CI-
Conductance - water	50	N/A	2012/05/22	BBY6SOP-00026	SM-2510B
Conductance - water	24	N/A	2012/05/23	BBY6SOP-00026	SM-2510B
Hardness (calculated as CaCO ₃)	18	N/A	2012/05/24	BBY WI-00033	Calculated Parameter
Hardness (calculated as CaCO ₃)	20	N/A	2012/05/25	BBY WI-00033	Calculated Parameter
Hardness (calculated as CaCO ₃)	40	N/A	2012/05/28	BBY WI-00033	Calculated Parameter
Mercury (Dissolved) by CVAf	2	N/A	2012/05/28	65-A-002-10	EPA 1631B
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	18	N/A	2012/05/24	BBY7SOP-00002	EPA 6020A
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	20	N/A	2012/05/25	BBY7SOP-00002	EPA 6020A
Na, K, Ca, Mg, S by CRC ICPMS (diss.)	40	N/A	2012/05/28	BBY7SOP-00002	EPA 6020A
Elements by ICPMS Low Level (dissolved)	18	N/A	2012/05/24	BBY7SOP-00002	EPA 6020A
Elements by ICPMS Low Level (dissolved)	20	N/A	2012/05/25	BBY7SOP-00002	EPA 6020A
Elements by ICPMS Low Level (dissolved)	40	N/A	2012/05/26	BBY7SOP-00002	EPA 6020A
Filter and HNO ₃ Preserve for Metals	77	N/A	2012/05/19	BBY6WI-00001	EPA 200.2
Filter and HNO ₃ Preserve for Metals	1	N/A	2012/05/22	BBY6WI-00001	EPA 200.2
pH Water	50	N/A	2012/05/22	BBY6SOP-00026	SM-4500H+B
pH Water	24	N/A	2012/05/23	BBY6SOP-00026	SM-4500H+B
Sulphate by Automated Colourimetry	26	N/A	2012/05/22	BBY6SOP-00017	SM4500-SO42
Sulphate by Automated Colourimetry	33	N/A	2012/05/23	BBY6SOP-00017	SM4500-SO42
Sulphate by Automated Colourimetry	13	N/A	2012/05/24	BBY6SOP-00017	SM4500-SO42
Sulphate by Automated Colourimetry	2	N/A	2012/05/28	BBY6SOP-00017	SM4500-SO42
Total Suspended Solids-LowLevel	74	2012/05/22	2012/05/22	BBY6SOP-00034	SM-2540 D

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

..12

Your Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON
Your C.O.C. #: 08351397, 08351398, 08351399,
08351400, 08351401, 08351402, 08351403

Attention: Bonnie Burns

LABERGE ENVIRONMENTAL SERVICES
WHITEHORSE
405 Ogilvie Street
PO Box 21072
Whitehorse, YT
CANADA Y1A 6P7

Report Date: 2012/05/29

CERTIFICATE OF ANALYSIS

-2-

Encryption Key

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

TABITHA RUDKIN, Burnaby Project Manager
Email: TRudkin@maxxam.ca
Phone# (604) 638-2639

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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. For Service Group specific validation please refer to the Validation Signature Page.

Total cover pages: 2

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7073		DL7074			DL7075		
Sampling Date		2012/05/15		2012/05/15			2012/05/14		
COC Number		08351397		08351397			08351397		
	Units	P01-01A	QC Batch	P01-01B	RDL	QC Batch	X16A	RDL	QC Batch
Misc. Inorganics									
Acidity (pH 4.5)	mg/L	<0.50	5859220	<0.50	0.50	5859220	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L	33.8	5859220	20.7	0.50	5859220	2.80	0.50	5859220
Calculated Parameters									
Filter and HNO3 Preservation	N/A	FIELD	ONSITE	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE
Misc. Inorganics									
Alkalinity (Total as CaCO3)	mg/L	316	5858339	265	0.50	5859794	155	0.50	5858339
Alkalinity (PP as CaCO3)	mg/L	<0.50	5858339	<0.50	0.50	5859794	<0.50	0.50	5858339
Bicarbonate (HCO3)	mg/L	385	5858339	323	0.50	5859794	189	0.50	5858339
Carbonate (CO3)	mg/L	<0.50	5858339	<0.50	0.50	5859794	<0.50	0.50	5858339
Hydroxide (OH)	mg/L	<0.50	5858339	<0.50	0.50	5859794	<0.50	0.50	5858339
Anions									
Dissolved Sulphate (SO4)	mg/L	827	5863101	556	5.0	5863101	38.7	0.50	5859782
Dissolved Chloride (Cl)	mg/L	2.0	5863082	1.9	0.50	5863082	1.2	0.50	5859773
Physical Properties									
Conductivity	uS/cm	1810	5858338	1390	1.0	5859795	347	1.0	5858338
pH	pH Units	7.96	5858249	7.73		5859796	8.08		5858249
Physical Properties									
Total Suspended Solids	mg/L	4.7	5856623	2.2	1.0	5856623	13.0 (1)	1.0	5856623
RDL = Reportable Detection Limit (1) Sample was analyzed after holding time expired.									

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7076		DL7077			DL7078		
Sampling Date		2012/05/14		2012/05/15			2012/05/15		
COC Number		08351397		08351397			08351397		
	Units	X16B	QC Batch	X17A	RDL	QC Batch	X17B	RDL	QC Batch
Misc. Inorganics									
Acidity (pH 4.5)	mg/L	<0.50	5859220	<0.50	0.50	5859220	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L	<0.50	5859220	12.2	0.50	5859220	27.2	0.50	5859220
Calculated Parameters									
Filter and HNO3 Preservation	N/A	FIELD	ONSITE	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE
Misc. Inorganics									
Alkalinity (Total as CaCO3)	mg/L	188	5858339	299	0.50	5858339	355	0.50	5874172
Alkalinity (PP as CaCO3)	mg/L	<0.50	5858339	<0.50	0.50	5858339	<0.50	0.50	5874172
Bicarbonate (HCO3)	mg/L	229	5858339	365	0.50	5858339	433	0.50	5874172
Carbonate (CO3)	mg/L	<0.50	5858339	<0.50	0.50	5858339	<0.50	0.50	5874172
Hydroxide (OH)	mg/L	<0.50	5858339	<0.50	0.50	5858339	<0.50	0.50	5874172
Anions									
Dissolved Sulphate (SO4)	mg/L	29.9	5863101	75.7	0.50	5859782	500	5.0	5874245
Dissolved Chloride (Cl)	mg/L	0.53	5863082	1.5	0.50	5859773	5.2	0.50	5873980
Physical Properties									
Conductivity	uS/cm	387	5858338	645	1.0	5858338	1420	1.0	5858338
pH	pH Units	8.28	5858249	8.09		5858249	7.83		5858249
Physical Properties									
Total Suspended Solids	mg/L	<1.0 (1)	5856623	161	1.0	5856623	130	1.0	5856623
RDL = Reportable Detection Limit (1) Sample was analyzed after holding time expired.									

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7079	DL7080		DL7081		DL7082		
Sampling Date		2012/05/15	2012/05/15		2012/05/14		2012/05/14		
COC Number		08351397	08351397		08351397		08351397		
	Units	X18A	X18B	QC Batch	P01-11	QC Batch	P05-02	RDL	QC Batch

Misc. Inorganics									
Acidity (pH 4.5)	mg/L	<0.50	<0.50	5859220	<0.50	5859220	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L	38.1	22.0	5859220	123	5859220	55.5	0.50	5859220
Calculated Parameters									
Filter and HNO3 Preservation	N/A	FIELD	FIELD	ONSITE	FIELD	ONSITE	FIELD	N/A	ONSITE
Misc. Inorganics									
Alkalinity (Total as CaCO3)	mg/L	320	332	5858339	466	5859794	365	0.50	5858339
Alkalinity (PP as CaCO3)	mg/L	<0.50	<0.50	5858339	<0.50	5859794	<0.50	0.50	5858339
Bicarbonate (HCO3)	mg/L	391	405	5858339	568	5859794	445	0.50	5858339
Carbonate (CO3)	mg/L	<0.50	<0.50	5858339	<0.50	5859794	<0.50	0.50	5858339
Hydroxide (OH)	mg/L	<0.50	<0.50	5858339	<0.50	5859794	<0.50	0.50	5858339
Anions									
Dissolved Sulphate (SO4)	mg/L	845	845	5863101	1900	5863101	1650	5.0	5859782
Dissolved Chloride (Cl)	mg/L	1.9	1.9	5863082	2.9	5863082	2.9	0.50	5859773
Physical Properties									
Conductivity	uS/cm	1840	1870	5858338	3220	5859795	2710	1.0	5858338
pH	pH Units	8.01	8.06	5858249	7.16	5859796	7.46		5858249
Physical Properties									
Total Suspended Solids	mg/L	15.4	9.6	5856623	75.3 (1)	5856623	298 (1)	1.0	5856623

RDL = Reportable Detection Limit

(1) Sample was analyzed after holding time expired.

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7083			DL7084			DL7085		
Sampling Date		2012/05/14			2012/05/14			2012/05/14		
COC Number		08351397			08351397			08351398		
	Units	P09-C2	RDL	QC Batch	P05-03	RDL	QC Batch	P01-02A	RDL	QC Batch
Misc. Inorganics										
Acidity (pH 4.5)	mg/L	<0.50	0.50	5859220	<0.50	0.50	5859220	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L	280	0.50	5859220	25.5	0.50	5859220	4.61	0.50	5859220
Calculated Parameters										
Filter and HNO3 Preservation	N/A	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE
Misc. Inorganics										
Alkalinity (Total as CaCO3)	mg/L	1670	0.50	5858339	317	0.50	5858339	247	0.50	5858339
Alkalinity (PP as CaCO3)	mg/L	<0.50	0.50	5858339	<0.50	0.50	5858339	<0.50	0.50	5858339
Bicarbonate (HCO3)	mg/L	2030	0.50	5858339	386	0.50	5858339	302	0.50	5858339
Carbonate (CO3)	mg/L	<0.50	0.50	5858339	<0.50	0.50	5858339	<0.50	0.50	5858339
Hydroxide (OH)	mg/L	<0.50	0.50	5858339	<0.50	0.50	5858339	<0.50	0.50	5858339
Anions										
Dissolved Sulphate (SO4)	mg/L	6.80	0.50	5863101	883	5.0	5859782	162	0.50	5867910
Dissolved Chloride (Cl)	mg/L	25	0.50	5859773	2.0	0.50	5859773	1.1	0.50	5863082
Physical Properties										
Conductivity	uS/cm	2740	1.0	5858338	1740	1.0	5858338	720	1.0	5858338
pH	pH Units	6.91		5858249	7.81		5858249	8.11		5858249
Physical Properties										
Total Suspended Solids	mg/L	16.4 (1)	1.0	5856623	60.8 (1)	1.0	5856623	3.1 (1)	1.0	5856623
RDL = Reportable Detection Limit (1) Sample was analyzed after holding time expired.										

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7086		DL7087			DL7088	DL7089		
Sampling Date		2012/05/14		2012/05/16			2012/05/16	2012/05/16		
COC Number		08351398		08351398			08351398	08351398		
	Units	P01-02B	RDL	X24D-96	RDL	QC Batch	X25A-96	X25B-96	RDL	QC Batch

Misc. Inorganics										
Acidity (pH 4.5)	mg/L	<0.50	0.50	<0.50	0.50	5859220	<0.50	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L	3.56	0.50	157	0.50	5859220	19.1	26.2	0.50	5859220
Calculated Parameters										
Filter and HNO3 Preservation	N/A	FIELD	N/A	FIELD	N/A	ONSITE	FIELD	FIELD	N/A	ONSITE
Misc. Inorganics										
Alkalinity (Total as CaCO3)	mg/L	214	0.50	457	0.50	5859794	281	267	0.50	5859794
Alkalinity (PP as CaCO3)	mg/L	<0.50	0.50	<0.50	0.50	5859794	<0.50	<0.50	0.50	5859794
Bicarbonate (HCO3)	mg/L	261	0.50	557	0.50	5859794	343	326	0.50	5859794
Carbonate (CO3)	mg/L	<0.50	0.50	<0.50	0.50	5859794	<0.50	<0.50	0.50	5859794
Hydroxide (OH)	mg/L	<0.50	0.50	<0.50	0.50	5859794	<0.50	<0.50	0.50	5859794
Anions										
Dissolved Sulphate (SO4)	mg/L	89.0	0.50	2500	50	5867910	566	601	5.0	5863101
Dissolved Chloride (Cl)	mg/L	0.85	0.50	3.5	0.50	5863082	1.4	1.4	0.50	5863082
Physical Properties										
Conductivity	uS/cm	553	1.0	3790	1.0	5859795	1460	1480	1.0	5859795
pH	pH Units	7.96		6.89		5859796	7.48	7.84		5859796
Physical Properties										
Total Suspended Solids	mg/L	172 (l)	1.0	8.1	1.0	5856623	3.6	3.1	1.0	5856623

RDL = Reportable Detection Limit

(1) Sample was analyzed after holding time expired.

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7090			DL7091			DL7092		
Sampling Date		2012/05/16			2012/05/16					
COC Number		08351398			08351398			08351398		
	Units	P01-03	RDL	QC Batch	P01-04B	RDL	QC Batch	X21A-96	RDL	QC Batch
Misc. Inorganics										
Acidity (pH 4.5)	mg/L	<0.50	0.50	5859220	<0.50	0.50	5859220	45.6 (1)	2.5	5859220
Acidity (pH 8.3)	mg/L	180	0.50	5859220	61.0	0.50	5859220	17000 (1)	25	5859220
Calculated Parameters										
Filter and HNO3 Preservation	N/A	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE
Misc. Inorganics										
Alkalinity (Total as CaCO3)	mg/L	332	0.50	5859794	327	0.50	5859794	<0.50	0.50	5859794
Alkalinity (PP as CaCO3)	mg/L	<0.50	0.50	5859794	<0.50	0.50	5859794	<0.50	0.50	5859794
Bicarbonate (HCO3)	mg/L	406	0.50	5859794	399	0.50	5859794	<0.50	0.50	5859794
Carbonate (CO3)	mg/L	<0.50	0.50	5859794	<0.50	0.50	5859794	<0.50	0.50	5859794
Hydroxide (OH)	mg/L	<0.50	0.50	5859794	<0.50	0.50	5859794	<0.50	0.50	5859794
Anions										
Dissolved Sulphate (SO4)	mg/L	2740	50	5867910	1230	5.0	5863101	23600	500	5867910
Dissolved Chloride (Cl)	mg/L	4.0	0.50	5863082	2.0	0.50	5863082	<0.50	0.50	5863082
Physical Properties										
Conductivity	uS/cm	3650	1.0	5859795	2250	1.0	5859795	17100	1.0	5859795
pH	pH Units	6.79		5859796	7.46		5859796	4.11		5859796
Physical Properties										
Total Suspended Solids	mg/L	583	1.0	5856623	62.5	1.0	5856623	169	1.0	5856623
RDL = Reportable Detection Limit (1) RDL raised due to sample dilution.										

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7093			DL7094		DL7095		DL7096		
Sampling Date					2012/05/15		2012/05/15		2012/05/15		
COC Number		08351398			08351398		08351398		08351399		
	Units	X21B-96	RDL	QC Batch	P09-ETA2	RDL	P96-8A	RDL	P96-8B	RDL	QC Batch

Misc. Inorganics											
Acidity (pH 4.5)	mg/L	<0.50	0.50	5859220	<0.50	0.50	<0.50	0.50	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L	453	0.50	5859220	6300 (1)	2.5	1170	0.50	11.8	0.50	5859220
Calculated Parameters											
Filter and HNO3 Preservation	N/A	FIELD	N/A	ONSITE	FIELD	N/A	FIELD	N/A	FIELD	N/A	ONSITE
Misc. Inorganics											
Alkalinity (Total as CaCO3)	mg/L	116	0.50	5859794	9.88	0.50	74.9	0.50	10.2	0.50	5859794
Alkalinity (PP as CaCO3)	mg/L	<0.50	0.50	5859794	<0.50	0.50	<0.50	0.50	<0.50	0.50	5859794
Bicarbonate (HCO3)	mg/L	141	0.50	5859794	12.1	0.50	91.4	0.50	12.5	0.50	5859794
Carbonate (CO3)	mg/L	<0.50	0.50	5859794	<0.50	0.50	<0.50	0.50	<0.50	0.50	5859794
Hydroxide (OH)	mg/L	<0.50	0.50	5859794	<0.50	0.50	<0.50	0.50	<0.50	0.50	5859794
Anions											
Dissolved Sulphate (SO4)	mg/L	2110	50	5863101	10400	50	6300	50	130	0.50	5867910
Dissolved Chloride (Cl)	mg/L	7.3 (2)	5.0	5863082	5.0	0.50	11	0.50	0.60	0.50	5863082
Physical Properties											
Conductivity	uS/cm	2880	1.0	5859795	10100	1.0	7470	1.0	305	1.0	5859795
pH	pH Units	6.50		5859796	5.26		6.22		6.73		5859796
Physical Properties											
Total Suspended Solids	mg/L	57.6	1.0	5856623	218	1.0	15.4	1.0	12.9	1.0	5856623

RDL = Reportable Detection Limit

(1) RDL raised due to sample dilution.

(2) RDL raised due to sample matrix interference.

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7097		DL7098	DL7099			DL7100		
Sampling Date		2012/05/15			2012/05/15			2012/05/16		
COC Number		08351399		08351399	08351399			08351399		
	Units	SRK08-P10A	QC Batch	SRK08-P9	SRK08-P11B	RDL	QC Batch	P96-7	RDL	QC Batch

Misc. Inorganics										
Acidity (pH 4.5)	mg/L	<0.50	5859220	<0.50	<0.50	0.50	5859220	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L	314	5859220	26.1	19.6	0.50	5859220	27.8	0.50	5859220
Calculated Parameters										
Filter and HNO3 Preservation	N/A	FIELD	ONSITE	FIELD	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE
Misc. Inorganics										
Alkalinity (Total as CaCO3)	mg/L	473	5858339	261	172	0.50	5859794	253	0.50	5859794
Alkalinity (PP as CaCO3)	mg/L	<0.50	5858339	<0.50	<0.50	0.50	5859794	<0.50	0.50	5859794
Bicarbonate (HCO3)	mg/L	577	5858339	318	210	0.50	5859794	309	0.50	5859794
Carbonate (CO3)	mg/L	<0.50	5858339	<0.50	<0.50	0.50	5859794	<0.50	0.50	5859794
Hydroxide (OH)	mg/L	<0.50	5858339	<0.50	<0.50	0.50	5859794	<0.50	0.50	5859794
Anions										
Dissolved Sulphate (SO4)	mg/L	1740	5863101	791	627	5.0	5863101	2220	50	5867910
Dissolved Chloride (Cl)	mg/L	100	5863082	1.5	1.4	0.50	5863082	1.0	0.50	5863082
Physical Properties										
Conductivity	uS/cm	3480	5858338	1650	1350	1.0	5859795	3160	1.0	5859795
pH	pH Units	7.67	5858249	7.79	7.40		5859796	7.72		5859796
Physical Properties										
Total Suspended Solids	mg/L	1020	5856623	289	39.0	1.0	5856623	400	1.0	5856623

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7101			DL7102			DL7103		
Sampling Date		2012/05/16			2012/05/15			2012/05/15		
COC Number		08351399			08351399			08351399		
	Units	S1A	RDL	QC Batch	S2A	RDL	QC Batch	S2B	RDL	QC Batch

Misc. Inorganics										
Acidity (pH 4.5)	mg/L	<0.50	0.50	5859220	<0.50	0.50	5859220	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L	16.6	0.50	5859220	94.9	0.50	5859220	901	0.50	5859220
Calculated Parameters										
Filter and HNO3 Preservation	N/A	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE
Misc. Inorganics										
Alkalinity (Total as CaCO3)	mg/L	60.4	0.50	5859794	322	0.50	5858339	172	0.50	5859794
Alkalinity (PP as CaCO3)	mg/L	<0.50	0.50	5859794	<0.50	0.50	5858339	<0.50	0.50	5859794
Bicarbonate (HCO3)	mg/L	73.6	0.50	5859794	393	0.50	5858339	210	0.50	5859794
Carbonate (CO3)	mg/L	<0.50	0.50	5859794	<0.50	0.50	5858339	<0.50	0.50	5859794
Hydroxide (OH)	mg/L	<0.50	0.50	5859794	<0.50	0.50	5858339	<0.50	0.50	5859794
Anions										
Dissolved Sulphate (SO4)	mg/L	197	0.50	5867910	444	5.0	5874245	8210	50	5867910
Dissolved Chloride (Cl)	mg/L	1.1	0.50	5863082	2.9	0.50	5859773	7.5	0.50	5863082
Physical Properties										
Conductivity	uS/cm	514	1.0	5859795	1290	1.0	5858338	8180	1.0	5859795
pH	pH Units	7.01		5859796	6.83		5858249	6.74		5859796
Physical Properties										
Total Suspended Solids	mg/L	79.9	1.0	5856623	150	1.0	5856623	391	1.0	5856623

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7104			DL7105			DL7106		
Sampling Date		2012/05/15			2012/05/15			2012/05/16		
COC Number		08351399			08351399			08351400		
	Units	SRK05-SP-4A	RDL	QC Batch	SRK05-SP-5	RDL	QC Batch	SRK08-SP7A	RDL	QC Batch

Misc. Inorganics										
Acidity (pH 4.5)	mg/L	<0.50	0.50	5859220	<0.50	0.50	5859220	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L	202	0.50	5859220	681	0.50	5859220	71.4	0.50	5859220
Calculated Parameters										
Filter and HNO3 Preservation	N/A	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE
Misc. Inorganics										
Alkalinity (Total as CaCO3)	mg/L	266	0.50	5859794	240	0.50	5859794	119	0.50	5858339
Alkalinity (PP as CaCO3)	mg/L	<0.50	0.50	5859794	<0.50	0.50	5859794	<0.50	0.50	5858339
Bicarbonate (HCO3)	mg/L	324	0.50	5859794	293	0.50	5859794	145	0.50	5858339
Carbonate (CO3)	mg/L	<0.50	0.50	5859794	<0.50	0.50	5859794	<0.50	0.50	5858339
Hydroxide (OH)	mg/L	<0.50	0.50	5859794	<0.50	0.50	5859794	<0.50	0.50	5858339
Anions										
Dissolved Sulphate (SO4)	mg/L	374	5.0	5863101	5330	50	5867910	571	5.0	5859782
Dissolved Chloride (Cl)	mg/L	1.5	0.50	5863082	6.1	0.50	5863082	3.1	0.50	5859773
Physical Properties										
Conductivity	uS/cm	1100	1.0	5859795	6380	1.0	5859795	1150	1.0	5858338
pH	pH Units	6.61		5859796	6.72		5859796	6.82		5858249
Physical Properties										
Total Suspended Solids	mg/L	53.3	1.0	5856623	52.3	1.0	5856623	6.2	1.0	5856623

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7107		DL7108		DL7109			DL7110		
Sampling Date		2012/05/16		2012/05/15		2012/05/15			2012/05/15		
COC Number		08351400		08351400		08351400			08351400		
	Units	SRK08-SP7B	RDL	P09-SIS1	RDL	P09-SIS2	RDL	QC Batch	P09-SIS3	RDL	QC Batch

Misc. Inorganics											
Acidity (pH 4.5)	mg/L	<0.50	0.50	<0.50	0.50	<0.50	0.50	5859220	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L	13.8	0.50	871	0.50	862	0.50	5859220	848	0.50	5859220
Calculated Parameters											
Filter and HNO ₃ Preservation	N/A	FIELD	N/A	FIELD	N/A	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE
Misc. Inorganics											
Alkalinity (Total as CaCO ₃)	mg/L	77.5	0.50	157	0.50	163	0.50	5858339	124	0.50	5859794
Alkalinity (PP as CaCO ₃)	mg/L	<0.50	0.50	<0.50	0.50	<0.50	0.50	5858339	<0.50	0.50	5859794
Bicarbonate (HCO ₃)	mg/L	94.6	0.50	192	0.50	199	0.50	5858339	151	0.50	5859794
Carbonate (CO ₃)	mg/L	<0.50	0.50	<0.50	0.50	<0.50	0.50	5858339	<0.50	0.50	5859794
Hydroxide (OH)	mg/L	<0.50	0.50	<0.50	0.50	<0.50	0.50	5858339	<0.50	0.50	5859794
Anions											
Dissolved Sulphate (SO ₄)	mg/L	35.9	0.50	9140	50	8950	50	5863101	7080	50	5867910
Dissolved Chloride (Cl)	mg/L	0.75	0.50	8.6	0.50	8.6	0.50	5859773	7.8	0.50	5863082
Physical Properties											
Conductivity	uS/cm	222	1.0	9220	1.0	9080	1.0	5858338	7320	1.0	5859795
pH	pH Units	7.29		6.88		6.85		5858249	6.72		5859796
Physical Properties											
Total Suspended Solids	mg/L	12.4	1.0	2280 (l)	20	679 (l)	10	5856623	123	1.0	5856623

RDL = Reportable Detection Limit

(1) The RDL was raised due to high concentration of solids.

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7111	DL7112		DL7113	DL7114		
Sampling Date		2012/05/15	2012/05/15					
COC Number		08351400	08351400		08351400	08351400		
	Units	P09-SIS4	S09-SIS5	QC Batch	BH14A	BH14B	RDL	QC Batch

Misc. Inorganics								
Acidity (pH 4.5)	mg/L			5859220	<0.50	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L			5859220	44.4	31.8	0.50	5859220
Calculated Parameters								
Filter and HNO3 Preservation	N/A	FIELD	FIELD	ONSITE	FIELD	FIELD	N/A	ONSITE
Misc. Inorganics								
Alkalinity (Total as CaCO3)	mg/L			5859794	414	423	0.50	5858339
Alkalinity (PP as CaCO3)	mg/L			5859794	<0.50	<0.50	0.50	5858339
Bicarbonate (HCO3)	mg/L			5859794	506	516	0.50	5858339
Carbonate (CO3)	mg/L			5859794	<0.50	<0.50	0.50	5858339
Hydroxide (OH)	mg/L			5859794	<0.50	<0.50	0.50	5858339
Anions								
Dissolved Sulphate (SO4)	mg/L			5867910	2480	2200	50	5863101
Dissolved Chloride (Cl)	mg/L			5863082	11	12	0.50	5859773
Physical Properties								
Conductivity	uS/cm			5859795	3870	3660	1.0	5858338
pH	pH Units			5859796	7.65	7.75		5858249
Physical Properties								
Total Suspended Solids	mg/L			5856623	97.5	92.0	1.0	5856623

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7115	DL7116	DL7117		DL7118		
Sampling Date								
COC Number		08351400	08351400	08351400		08351401		
	Units	P96-6	P96-9A	P2001-02A	RDL	P2001-02B	RDL	QC Batch
Misc. Inorganics								
Acidity (pH 4.5)	mg/L	<0.50	<0.50	<0.50	0.50	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L	88.7	55.4	36.7	0.50	58.2	0.50	5859220
Calculated Parameters								
Filter and HNO ₃ Preservation	N/A	FIELD	FIELD	FIELD	N/A	FIELD	N/A	ONSITE
Misc. Inorganics								
Alkalinity (Total as CaCO ₃)	mg/L	334	494	543	0.50	553	0.50	5858339
Alkalinity (PP as CaCO ₃)	mg/L	<0.50	<0.50	<0.50	0.50	<0.50	0.50	5858339
Bicarbonate (HCO ₃)	mg/L	407	602	662	0.50	675	0.50	5858339
Carbonate (CO ₃)	mg/L	<0.50	<0.50	<0.50	0.50	<0.50	0.50	5858339
Hydroxide (OH)	mg/L	<0.50	<0.50	<0.50	0.50	<0.50	0.50	5858339
Anions								
Dissolved Sulphate (SO ₄)	mg/L	518	799	985	5.0	775	5.0	5859782
Dissolved Chloride (Cl)	mg/L	1.1	2.2	2.0	0.50	2.0	0.50	5859773
Physical Properties								
Conductivity	uS/cm	1320	3190	2130	1.0	1940	1.0	5858338
pH	pH Units	6.76	7.75	7.67		7.77		5858249
Physical Properties								
Total Suspended Solids	mg/L	5.3	3.1	572	1.0	1260 (1)	10	5856623
RDL = Reportable Detection Limit (1) The RDL was raised due to high concentration of solids.								

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7119	DL7120			DL7121		DL7122		
Sampling Date										
COC Number		08351401	08351401			08351401		08351401		
	Units	P2001-03	SRK05-05C	RDL	QC Batch	SRK05-07	RDL	SRK05-08	RDL	QC Batch

Misc. Inorganics										
Acidity (pH 4.5)	mg/L	<0.50	<0.50	0.50	5859220	<0.50	0.50	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L	16.1	4.56	0.50	5859220	52.0	0.50	51.1	0.50	5859220
Calculated Parameters										
Filter and HNO3 Preservation	N/A	FIELD	FIELD	N/A	ONSITE	FIELD	N/A	FIELD	N/A	ONSITE
Misc. Inorganics										
Alkalinity (Total as CaCO3)	mg/L	436	146	0.50	5858339	490	0.50	556	0.50	5858339
Alkalinity (PP as CaCO3)	mg/L	<0.50	<0.50	0.50	5858339	<0.50	0.50	<0.50	0.50	5858339
Bicarbonate (HCO3)	mg/L	532	178	0.50	5858339	598	0.50	678	0.50	5858339
Carbonate (CO3)	mg/L	<0.50	<0.50	0.50	5858339	<0.50	0.50	<0.50	0.50	5858339
Hydroxide (OH)	mg/L	<0.50	<0.50	0.50	5858339	<0.50	0.50	<0.50	0.50	5858339
Anions										
Dissolved Sulphate (SO4)	mg/L	147	152	0.50	5863101	1700	5.0	1290	5.0	5859782
Dissolved Chloride (Cl)	mg/L	1.6	2.1	0.50	5859773	2.2	0.50	1.7	0.50	5859773
Physical Properties										
Conductivity	uS/cm	970	555	1.0	5858338	2930	1.0	2560	1.0	5858338
pH	pH Units	8.10	7.95		5858249	7.74		7.71		5858249
Physical Properties										
Total Suspended Solids	mg/L	1620	11700	1.0	5856623	2870 (1)	20	563	1.0	5856623

RDL = Reportable Detection Limit
(1) The RDL was raised due to high concentration of solids.

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7123	DL7124	DL7125	DL7126	DL7127		
Sampling Date								
COC Number		08351401	08351401	08351401	08351401	08351401		
	Units	SRK-05-9	V35	V36	V37	P09-LCD2	RDL	QC Batch
Misc. Inorganics								
Acidity (pH 4.5)	mg/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L	12.8	47.1	43.0	9.44	19.7	0.50	5859220
Calculated Parameters								
Filter and HNO3 Preservation	N/A	FIELD	FIELD	FIELD	FIELD	FIELD	N/A	ONSITE
Misc. Inorganics								
Alkalinity (Total as CaCO3)	mg/L	269	609	442	441	318	0.50	5858339
Alkalinity (PP as CaCO3)	mg/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	5858339
Bicarbonate (HCO3)	mg/L	329	743	540	538	388	0.50	5858339
Carbonate (CO3)	mg/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	5858339
Hydroxide (OH)	mg/L	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	5858339
Anions								
Dissolved Sulphate (SO4)	mg/L	761	1830	1450	313	337	5.0	5859782
Dissolved Chloride (Cl)	mg/L	1.9	1.8	1.4	0.93	1.2	0.50	5859773
Physical Properties								
Conductivity	uS/cm	1560	3220	2460	1140	1040	1.0	5858338
pH	pH Units	7.94	7.80	7.63	8.16	7.81		5858249
Physical Properties								
Total Suspended Solids	mg/L	1520	30.3	27.1	46.8	1380	1.0	5856623
RDL = Reportable Detection Limit								

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7128			DL7129			DL7139		
Sampling Date										
COC Number		08351401			08351401			08351402		
	Units	P09-LCD4	RDL	QC Batch	P09-LCD6	RDL	QC Batch	P09-VC1	RDL	QC Batch
Misc. Inorganics										
Acidity (pH 4.5)	mg/L	<0.50	0.50	5859220	<0.50	0.50	5859220	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L	5.47	0.50	5859220	18.3	0.50	5859220	0.52	0.50	5859220
Calculated Parameters										
Filter and HNO3 Preservation	N/A	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE
Misc. Inorganics										
Alkalinity (Total as CaCO3)	mg/L	326	0.50	5858339	264	0.50	5858339	123	0.50	5858339
Alkalinity (PP as CaCO3)	mg/L	<0.50	0.50	5858339	<0.50	0.50	5858339	<0.50	0.50	5858339
Bicarbonate (HCO3)	mg/L	398	0.50	5858339	323	0.50	5858339	150	0.50	5858339
Carbonate (CO3)	mg/L	<0.50	0.50	5858339	<0.50	0.50	5858339	<0.50	0.50	5858339
Hydroxide (OH)	mg/L	<0.50	0.50	5858339	<0.50	0.50	5858339	<0.50	0.50	5858339
Anions										
Dissolved Sulphate (SO4)	mg/L	188	0.50	5863101	328	5.0	5859782	62.7	0.50	5863101
Dissolved Chloride (Cl)	mg/L	1.4	0.50	5859773	1.1	0.50	5859773	0.70	0.50	5859773
Physical Properties										
Conductivity	uS/cm	930	1.0	5858338	942	1.0	5858338	362	1.0	5858338
pH	pH Units	8.19		5858249	7.85		5858249	8.07		5858249
Physical Properties										
Total Suspended Solids	mg/L	123	1.0	5856623	332	1.0	5856623	5.2	1.0	5856623
RDL = Reportable Detection Limit										

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7140			DL7141	DL7142	DL7143		
Sampling Date									
COC Number		08351402			08351402	08351402	08351402		
	Units	P09-VC2	RDL	QC Batch	P05-01-05	P03-09-02	P03-09-04	RDL	QC Batch
Misc. Inorganics									
Acidity (pH 4.5)	mg/L	<0.50	0.50	5859220	<0.50	<0.50	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L	4.91	0.50	5859220	64.6	27.6	23.9	0.50	5859220
Calculated Parameters									
Filter and HNO3 Preservation	N/A	FIELD	N/A	ONSITE	FIELD	FIELD	FIELD	N/A	ONSITE
Misc. Inorganics									
Alkalinity (Total as CaCO3)	mg/L	166	0.50	5858339	381	324	287	0.50	5858339
Alkalinity (PP as CaCO3)	mg/L	<0.50	0.50	5858339	<0.50	<0.50	<0.50	0.50	5858339
Bicarbonate (HCO3)	mg/L	203	0.50	5858339	464	396	350	0.50	5858339
Carbonate (CO3)	mg/L	<0.50	0.50	5858339	<0.50	<0.50	<0.50	0.50	5858339
Hydroxide (OH)	mg/L	<0.50	0.50	5858339	<0.50	<0.50	<0.50	0.50	5858339
Anions									
Dissolved Sulphate (SO4)	mg/L	41.9	0.50	5863101	1760	513	663	5.0	5859782
Dissolved Chloride (Cl)	mg/L	1.0	0.50	5859773	3.0	2.5	1.4	0.50	5859773
Physical Properties									
Conductivity	uS/cm	392	1.0	5858338	3040	1480	1610	1.0	5858338
pH	pH Units	7.77		5858249	7.30	7.65	7.72		5858249
Physical Properties									
Total Suspended Solids	mg/L	6.3	1.0	5856623	15.1	18.1	5.0	1.0	5856623
RDL = Reportable Detection Limit									

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
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Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7144	DL7145	DL7146			DL7147		
Sampling Date									
COC Number		08351402	08351402	08351402			08351402		
	Units	P03-09-06	P03-09-08	P03-09-09	RDL	QC Batch	P03-06-01	RDL	QC Batch
Misc. Inorganics									
Acidity (pH 4.5)	mg/L	<0.50	<0.50	<0.50	0.50	5859220	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L	30.5	30.7	34.3	0.50	5859220	752	0.50	5859220
Calculated Parameters									
Filter and HNO3 Preservation	N/A	FIELD	FIELD	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE
Misc. Inorganics									
Alkalinity (Total as CaCO3)	mg/L	308	307	307	0.50	5858339	36.9	0.50	5858339
Alkalinity (PP as CaCO3)	mg/L	<0.50	<0.50	<0.50	0.50	5858339	<0.50	0.50	5858339
Bicarbonate (HCO3)	mg/L	375	375	374	0.50	5858339	45.0	0.50	5858339
Carbonate (CO3)	mg/L	<0.50	<0.50	<0.50	0.50	5858339	<0.50	0.50	5858339
Hydroxide (OH)	mg/L	<0.50	<0.50	<0.50	0.50	5858339	<0.50	0.50	5858339
Anions									
Dissolved Sulphate (SO4)	mg/L	783	979	817	5.0	5859782	3670	50	5863101
Dissolved Chloride (Cl)	mg/L	1.8	1.8	2.5	0.50	5859773	5.9	0.50	5859773
Physical Properties									
Conductivity	uS/cm	1800	1850	1850	1.0	5858338	4260	1.0	5858338
pH	pH Units	7.58	7.64	7.37		5858249	5.46		5858249
Physical Properties									
Total Suspended Solids	mg/L	20.0	235	61.5	1.0	5856623	65.0	1.0	5856623
RDL = Reportable Detection Limit									

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7148			DL7149			DL7150			DL7161		
Sampling Date													
COC Number		08351402			08351402			08351402			08351403		
	Units	P03-06-02	RDL	QC Batch	P03-06-03	RDL	P03-06-04	RDL	P03-06-05	RDL	QC Batch		

Misc. Inorganics													
Acidity (pH 4.5)	mg/L	<0.50	0.50	5859220	<0.50	0.50	<0.50	0.50	<0.50	0.50	5859220		
Acidity (pH 8.3)	mg/L	1400	0.50	5859220	2440 (1)	2.5	635	0.50	1470	0.50	5859220		
Calculated Parameters													
Filter and HNO3 Preservation	N/A	FIELD	N/A	ONSITE	FIELD	N/A	FIELD	N/A	FIELD	N/A	ONSITE		
Misc. Inorganics													
Alkalinity (Total as CaCO3)	mg/L	28.1	0.50	5858339	30.2	0.50	61.9	0.50	23.3	0.50	5858339		
Alkalinity (PP as CaCO3)	mg/L	<0.50	0.50	5858339	<0.50	0.50	<0.50	0.50	<0.50	0.50	5858339		
Bicarbonate (HCO3)	mg/L	34.3	0.50	5858339	36.8	0.50	75.5	0.50	28.4	0.50	5858339		
Carbonate (CO3)	mg/L	<0.50	0.50	5858339	<0.50	0.50	<0.50	0.50	<0.50	0.50	5858339		
Hydroxide (OH)	mg/L	<0.50	0.50	5858339	<0.50	0.50	<0.50	0.50	<0.50	0.50	5858339		
Anions													
Dissolved Sulphate (SO4)	mg/L	3790	50	5863101	4570	50	2430	50	4800	50	5863101		
Dissolved Chloride (Cl)	mg/L	4.5	0.50	5863082	5.1	0.50	3.9	0.50	4.0	0.50	5859773		
Physical Properties													
Conductivity	uS/cm	4790	1.0	5858338	4980	1.0	3060	1.0	5250	1.0	5858338		
pH	pH Units	5.33		5858249	5.46		6.00		5.75		5858249		
Physical Properties													
Total Suspended Solids	mg/L	245	1.0	5856623	192	1.0	203 (2)	2.0	497 (3)	4.0	5856623		

RDL = Reportable Detection Limit

- (1) RDL raised due to sample dilution.
- (2) The RDL was raised due to limited sample volume.
- (3) The RDL was raised due to high concentration of solids.

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7162	DL7163	DL7164			DL7165		
Sampling Date									
COC Number		08351403	08351403	08351403			08351403		
	Units	P03-06-06	DUP 1	DUP 2	RDL	QC Batch	DUP 3	RDL	QC Batch

Misc. Inorganics									
Acidity (pH 4.5)	mg/L	1.83			0.50	5859220	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L	4950 (1)			2.5	5859220	44.7	0.50	5859220
Calculated Parameters									
Filter and HNO3 Preservation	N/A	FIELD	FIELD	FIELD	N/A	ONSITE	FIELD	N/A	ONSITE
Misc. Inorganics									
Alkalinity (Total as CaCO3)	mg/L	<0.50			0.50	5858339	335	0.50	5858339
Alkalinity (PP as CaCO3)	mg/L	<0.50			0.50	5858339	<0.50	0.50	5858339
Bicarbonate (HCO3)	mg/L	<0.50			0.50	5858339	409	0.50	5858339
Carbonate (CO3)	mg/L	<0.50			0.50	5858339	<0.50	0.50	5858339
Hydroxide (OH)	mg/L	<0.50			0.50	5858339	<0.50	0.50	5858339
Anions									
Dissolved Sulphate (SO4)	mg/L	19200			50	5863101	1140	5.0	5859782
Dissolved Chloride (Cl)	mg/L	<0.50			0.50	5859773	2.2	0.50	5859773
Physical Properties									
Conductivity	uS/cm	15800			1.0	5858338	2260	1.0	5858338
pH	pH Units	4.04				5858249	7.46		5858249
Physical Properties									
Total Suspended Solids	mg/L	2080 (2)			10	5856623	15.3	1.0	5856623

RDL = Reportable Detection Limit
(1) RDL raised due to sample dilution.
(2) The RDL was raised due to high concentration of solids.

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

RESULTS OF CHEMICAL ANALYSES OF WATER

Maxxam ID		DL7166	DL7167			DL7168		DL7169		
Sampling Date										
COC Number		08351403	08351403			08351403		08351403		
	Units	DUP 4	DUP 5	RDL	QC Batch	FIELD BLANK	QC Batch	TRAVEL BLANK	RDL	QC Batch

Misc. Inorganics										
Acidity (pH 4.5)	mg/L	<0.50	<0.50	0.50	5859220	<0.50	5859220	<0.50	0.50	5859220
Acidity (pH 8.3)	mg/L	88.9	137	0.50	5859220	<0.50	5859220	<0.50	0.50	5859220
Calculated Parameters										
Filter and HNO3 Preservation	N/A	FIELD	FIELD	N/A	ONSITE	FIELD	ONSITE	LAB	N/A	5857472
Misc. Inorganics										
Alkalinity (Total as CaCO3)	mg/L	384	265	0.50	5858339	<0.50	5858339	0.77	0.50	5858339
Alkalinity (PP as CaCO3)	mg/L	<0.50	<0.50	0.50	5858339	<0.50	5858339	<0.50	0.50	5858339
Bicarbonate (HCO3)	mg/L	469	323	0.50	5858339	<0.50	5858339	0.94	0.50	5858339
Carbonate (CO3)	mg/L	<0.50	<0.50	0.50	5858339	<0.50	5858339	<0.50	0.50	5858339
Hydroxide (OH)	mg/L	<0.50	<0.50	0.50	5858339	<0.50	5858339	<0.50	0.50	5858339
Anions										
Dissolved Sulphate (SO4)	mg/L	1690	304	5.0	5859782	<0.50	5863101	<0.50	0.50	5863101
Dissolved Chloride (Cl)	mg/L	3.2	1.5	0.50	5859773	<0.50	5859773	0.98	0.50	5859773
Physical Properties										
Conductivity	uS/cm	3050	1100	1.0	5858338	1.2	5858338	1.1	1.0	5858338
pH	pH Units	7.18	6.33		5858249	5.37	5858249	5.82		5858249
Physical Properties										
Total Suspended Solids	mg/L	17.5	14.6	1.0	5856623	<1.0	5856623	<1.0	1.0	5856623

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

MERCURY BY COLD VAPOR (WATER)

Maxxam ID		DL7148	DL7149		
Sampling Date					
COC Number		08351402	08351402		
	Units	P03-06-02	P03-06-03	RDL	QC Batch

Elements					
Dissolved Mercury (Hg)	ug/L	<0.010	<0.010	0.010	5872066

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7073	DL7074	DL7075	DL7076	DL7077	DL7078		
Sampling Date		2012/05/15	2012/05/15	2012/05/14	2012/05/14	2012/05/15	2012/05/15		
COC Number		08351397	08351397	08351397	08351397	08351397	08351397		
	Units	P01-01A	P01-01B	X16A	X16B	X17A	X17B	RDL	QC Batch

Misc. Inorganics									
Dissolved Hardness (CaCO ₃)	mg/L	1060	740	167	190	326	729	0.50	5854707
Dissolved Metals by ICPMS									
Dissolved Aluminum (Al)	ug/L	3.14	4.02	5.32	3.16	2.34	3.23	0.20	5860052
Dissolved Antimony (Sb)	ug/L	0.044	0.034	0.182	0.118	0.073	<0.020	0.020	5860052
Dissolved Arsenic (As)	ug/L	0.219	2.45	0.206	0.159	0.519	0.232	0.020	5860052
Dissolved Barium (Ba)	ug/L	41.2	53.8	82.9	122	205	97.2	0.020	5860052
Dissolved Beryllium (Be)	ug/L	<0.010	0.038	<0.010	<0.010	<0.010	0.016	0.010	5860052
Dissolved Bismuth (Bi)	ug/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	5860052
Dissolved Boron (B)	ug/L	<50	<50	<50	<50	<50	<50	50	5860052
Dissolved Cadmium (Cd)	ug/L	1.01	0.0209	0.0925	0.0145	0.0691	0.0137	0.0050	5860052
Dissolved Chromium (Cr)	ug/L	<0.10	<0.10	0.15	0.15	<0.10	<0.10	0.10	5860052
Dissolved Cobalt (Co)	ug/L	1.78	0.188	0.0145	0.0111	0.0256	0.124	0.0050	5860052
Dissolved Copper (Cu)	ug/L	0.443	0.085	0.333	1.16	1.06	0.086	0.050	5860052
Dissolved Iron (Fe)	ug/L	9.6	726	5.9	2.3	5.5	4360	1.0	5860052
Dissolved Lead (Pb)	ug/L	0.0616	0.0693	0.0264	0.106	0.0266	0.0391	0.0050	5860052
Dissolved Lithium (Li)	ug/L	13.5	11.9	2.14	2.75	3.61	39.4	0.50	5860052
Dissolved Manganese (Mn)	ug/L	6540	147	1.15	0.610	57.6	755	0.050	5860052
Dissolved Molybdenum (Mo)	ug/L	0.932	0.908	2.01	1.55	1.49	0.447	0.050	5860052
Dissolved Nickel (Ni)	ug/L	9.06	0.706	0.343	0.490	0.829	0.293	0.020	5860052
Dissolved Selenium (Se)	ug/L	0.044	<0.040	1.06	1.91	<0.040	<0.040	0.040	5860052
Dissolved Silicon (Si)	ug/L	7120	5250	3490	3930	4710	6100	100	5860052
Dissolved Silver (Ag)	ug/L	<0.0050	<0.0050	<0.0050	<0.0050	0.0072	<0.0050	0.0050	5860052
Dissolved Strontium (Sr)	ug/L	990	855	146	170	272	677	0.050	5860052
Dissolved Thallium (Tl)	ug/L	0.0176	<0.0020	0.0022	0.0022	<0.0020	<0.0020	0.0020	5860052
Dissolved Tin (Sn)	ug/L	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	0.20	5860052
Dissolved Titanium (Ti)	ug/L	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	5860052
Dissolved Uranium (U)	ug/L	9.16	8.77	1.82	1.89	3.45	2.54	0.0020	5860052
Dissolved Vanadium (V)	ug/L	0.27	0.20	<0.20	0.23	0.22	0.24	0.20	5860052
Dissolved Zinc (Zn)	ug/L	3.64	2.13	6.92	4.40	3.68	0.36	0.10	5860052
Dissolved Zirconium (Zr)	ug/L	0.11	0.64	<0.10	<0.10	<0.10	0.90	0.10	5860052
Dissolved Calcium (Ca)	mg/L	315	219	47.4	52.2	90.6	202	0.050	5854710
Dissolved Magnesium (Mg)	mg/L	67.3	47.0	11.8	14.5	24.2	54.3	0.050	5854710
Dissolved Potassium (K)	mg/L	6.64	4.52	1.07	1.16	1.43	4.00	0.050	5854710

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7073	DL7074	DL7075	DL7076	DL7077	DL7078		
Sampling Date		2012/05/15	2012/05/15	2012/05/14	2012/05/14	2012/05/15	2012/05/15		
COC Number		08351397	08351397	08351397	08351397	08351397	08351397		
	Units	P01-01A	P01-01B	X16A	X16B	X17A	X17B	RDL	QC Batch

Dissolved Sodium (Na)	mg/L	21.3	24.7	1.99	1.82	2.82	40.9	0.050	5854710
Dissolved Sulphur (S)	mg/L	300	199	11	<10	22	178	10	5854710

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7079	DL7080		DL7081	DL7082		
Sampling Date		2012/05/15	2012/05/15		2012/05/14	2012/05/14		
COC Number		08351397	08351397		08351397	08351397		
	Units	X18A	X18B	RDL	P01-11	P05-02	RDL	QC Batch
Misc. Inorganics								
Dissolved Hardness (CaCO ₃)	mg/L	1040	1090	0.50	1980	1600	0.50	5854707
Dissolved Metals by ICPMS								
Dissolved Aluminum (Al)	ug/L	3.55	3.39	0.20	4.3	7.1	1.0	5860052
Dissolved Antimony (Sb)	ug/L	0.033	0.048	0.020	<0.10	<0.10	0.10	5860052
Dissolved Arsenic (As)	ug/L	9.14	0.312	0.020	39.9	3.04	0.10	5860052
Dissolved Barium (Ba)	ug/L	135	83.6	0.020	30.3	27.3	0.10	5860052
Dissolved Beryllium (Be)	ug/L	<0.010	<0.010	0.010	<0.050	<0.050	0.050	5860052
Dissolved Bismuth (Bi)	ug/L	<0.0050	<0.0050	0.0050	<0.025	<0.025	0.025	5860052
Dissolved Boron (B)	ug/L	<50	<50	50	<250	<250	250	5860052
Dissolved Cadmium (Cd)	ug/L	0.0142	0.597	0.0050	<0.025	0.101	0.025	5860052
Dissolved Chromium (Cr)	ug/L	<0.10	<0.10	0.10	<0.50	<0.50	0.50	5860052
Dissolved Cobalt (Co)	ug/L	1.84	0.896	0.0050	8.05	12.4	0.025	5860052
Dissolved Copper (Cu)	ug/L	0.231	0.646	0.050	<0.25	<0.25	0.25	5860052
Dissolved Iron (Fe)	ug/L	5140	62.9	1.0	58000	11300	5.0	5860052
Dissolved Lead (Pb)	ug/L	0.0299	0.0357	0.0050	0.135	0.120	0.025	5860052
Dissolved Lithium (Li)	ug/L	15.2	12.6	0.50	20.0	18.1	2.5	5860052
Dissolved Manganese (Mn)	ug/L	6690	2760	0.050	31400	24600	0.25	5860052
Dissolved Molybdenum (Mo)	ug/L	0.613	0.571	0.050	0.78	0.37	0.25	5860052
Dissolved Nickel (Ni)	ug/L	4.20	20.0	0.020	15.9	13.6	0.10	5860052
Dissolved Selenium (Se)	ug/L	<0.040	0.061	0.040	<0.20	<0.20	0.20	5860052
Dissolved Silicon (Si)	ug/L	6700	6520	100	10400	8190	500	5860052
Dissolved Silver (Ag)	ug/L	<0.0050	<0.0050	0.0050	<0.025	<0.025	0.025	5860052
Dissolved Strontium (Sr)	ug/L	1220	1070	0.050	1460	1180	0.25	5860052
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0069	0.0020	<0.010	0.040	0.010	5860052
Dissolved Tin (Sn)	ug/L	<0.20	<0.20	0.20	<1.0	<1.0	1.0	5860052
Dissolved Titanium (Ti)	ug/L	<0.50	<0.50	0.50	<2.5	<2.5	2.5	5860052
Dissolved Uranium (U)	ug/L	9.02	14.0	0.0020	11.8	6.23	0.010	5860052
Dissolved Vanadium (V)	ug/L	<0.20	<0.20	0.20	<1.0	<1.0	1.0	5860052
Dissolved Zinc (Zn)	ug/L	3.57	4.74	0.10	8.28	47.6	0.50	5860052
Dissolved Zirconium (Zr)	ug/L	0.34	0.14	0.10	<0.50	<0.50	0.50	5860052
Dissolved Calcium (Ca)	mg/L	300	316	0.050	577	478	0.25	5854710
Dissolved Magnesium (Mg)	mg/L	71.5	74.0	0.050	131	98.9	0.25	5854710
Dissolved Potassium (K)	mg/L	6.43	6.72	0.050	8.39	7.03	0.25	5854710
RDL = Reportable Detection Limit								

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7079	DL7080		DL7081	DL7082		
Sampling Date		2012/05/15	2012/05/15		2012/05/14	2012/05/14		
COC Number		08351397	08351397		08351397	08351397		
	Units	X18A	X18B	RDL	P01-11	P05-02	RDL	QC Batch

Dissolved Sodium (Na)	mg/L	20.3	18.7	0.050	41.4	35.0	0.25	5854710
Dissolved Sulphur (S)	mg/L	303	303	10	612	479	50	5854710

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7083	DL7084		DL7085	DL7086		DL7087		
Sampling Date		2012/05/14	2012/05/14		2012/05/14	2012/05/14		2012/05/16		
COC Number		08351397	08351397		08351398	08351398		08351398		
	Units	P09-C2	P05-03	RDL	P01-02A	P01-02B	RDL	X24D-96	RDL	QC Batch

Misc. Inorganics										
Dissolved Hardness (CaCO3)	mg/L	950	960	0.50	383	275	0.50	2640	0.50	5854707
Dissolved Metals by ICPMS										
Dissolved Aluminum (Al)	ug/L	22.2	6.3	1.0	3.04	2.40	0.20	7.2	2.0	5860057
Dissolved Antimony (Sb)	ug/L	<0.10	<0.10	0.10	0.030	0.029	0.020	<0.20	0.20	5860057
Dissolved Arsenic (As)	ug/L	0.11	2.90	0.10	0.676	5.11	0.020	<0.20	0.20	5860057
Dissolved Barium (Ba)	ug/L	747	217	0.10	67.3	36.7	0.020	21.4	0.20	5860057
Dissolved Beryllium (Be)	ug/L	2.76	<0.050	0.050	<0.010	<0.010	0.010	<0.10	0.10	5860057
Dissolved Bismuth (Bi)	ug/L	<0.025	<0.025	0.025	<0.0050	<0.0050	0.0050	<0.050	0.050	5860057
Dissolved Boron (B)	ug/L	<250	<250	250	<50	<50	50	<500	500	5860057
Dissolved Cadmium (Cd)	ug/L	0.877	0.213	0.025	0.0767	<0.0050	0.0050	3.66	0.050	5860057
Dissolved Chromium (Cr)	ug/L	<0.50	<0.50	0.50	<0.10	<0.10	0.10	<1.0	1.0	5860057
Dissolved Cobalt (Co)	ug/L	<0.025	3.01	0.025	0.656	0.0590	0.0050	264	0.050	5860057
Dissolved Copper (Cu)	ug/L	<0.25	<0.25	0.25	0.286	<0.050	0.050	2.71	0.50	5860057
Dissolved Iron (Fe)	ug/L	3330	5130	5.0	20.8	1190	1.0	61	10	5860057
Dissolved Lead (Pb)	ug/L	0.063	0.120	0.025	0.0166	0.0132	0.0050	<0.050	0.050	5860057
Dissolved Lithium (Li)	ug/L	885	7.9	2.5	6.40	6.02	0.50	31.5	5.0	5860057
Dissolved Manganese (Mn)	ug/L	129	12800	0.25	1250	115	0.050	94500	0.50	5860057
Dissolved Molybdenum (Mo)	ug/L	<0.25	2.63	0.25	1.37	0.688	0.050	<0.50	0.50	5860057
Dissolved Nickel (Ni)	ug/L	0.11	5.35	0.10	2.36	0.308	0.020	353	0.20	5860057
Dissolved Selenium (Se)	ug/L	<0.20	<0.20	0.20	<0.040	<0.040	0.040	<0.40	0.40	5860057
Dissolved Silicon (Si)	ug/L	9780	6780	500	5270	4390	100	10800	1000	5860057
Dissolved Silver (Ag)	ug/L	0.132	<0.025	0.025	<0.0050	<0.0050	0.0050	<0.050	0.050	5860057
Dissolved Strontium (Sr)	ug/L	4660	731	0.25	329	262	0.050	2220	0.50	5860057
Dissolved Thallium (Tl)	ug/L	<0.010	0.013	0.010	0.0126	<0.0020	0.0020	0.249	0.020	5860057
Dissolved Tin (Sn)	ug/L	<1.0	<1.0	1.0	<0.20	<0.20	0.20	<2.0	2.0	5860057
Dissolved Titanium (Ti)	ug/L	<2.5	<2.5	2.5	<0.50	<0.50	0.50	<5.0	5.0	5860057
Dissolved Uranium (U)	ug/L	0.527	12.0	0.010	2.85	3.12	0.0020	5.33	0.020	5860057
Dissolved Vanadium (V)	ug/L	<1.0	<1.0	1.0	<0.20	<0.20	0.20	<2.0	2.0	5860057
Dissolved Zinc (Zn)	ug/L	2.10	12.0	0.50	0.68	1.37	0.10	169	1.0	5860057
Dissolved Zirconium (Zr)	ug/L	78.6	0.72	0.50	<0.10	<0.10	0.10	<1.0	1.0	5860057
Dissolved Calcium (Ca)	mg/L	196	281	0.25	109	66.4	0.050	761	0.50	5854710
Dissolved Magnesium (Mg)	mg/L	112	62.8	0.25	27.1	26.4	0.050	180	0.50	5854710
Dissolved Potassium (K)	mg/L	12.6	4.48	0.25	2.98	2.05	0.050	8.57	0.50	5854710

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7083	DL7084		DL7085	DL7086		DL7087		
Sampling Date		2012/05/14	2012/05/14		2012/05/14	2012/05/14		2012/05/16		
COC Number		08351397	08351397		08351398	08351398		08351398		
	Units	P09-C2	P05-03	RDL	P01-02A	P01-02B	RDL	X24D-96	RDL	QC Batch

Dissolved Sodium (Na)	mg/L	335	26.8	0.25	8.49	6.47	0.050	42.2	0.50	5854710
Dissolved Sulphur (S)	mg/L	<50	254	50	53	30	10	779	100	5854710

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7088		DL7089		DL7090		DL7091		
Sampling Date		2012/05/16		2012/05/16		2012/05/16		2012/05/16		
COC Number		08351398		08351398		08351398		08351398		
	Units	X25A-96	RDL	X25B-96	RDL	P01-03	RDL	P01-04B	RDL	QC Batch
Misc. Inorganics										
Dissolved Hardness (CaCO ₃)	mg/L	775	0.50	780	0.50	2450	0.50	1320	0.50	5854707
Dissolved Metals by ICPMS										
Dissolved Aluminum (Al)	ug/L	4.4	1.0	1.99	0.20	6.2	2.0	5.2	1.0	5860057
Dissolved Antimony (Sb)	ug/L	<0.10	0.10	0.021	0.020	<0.20	0.20	<0.10	0.10	5860057
Dissolved Arsenic (As)	ug/L	0.13	0.10	0.644	0.020	0.21	0.20	1.70	0.10	5860057
Dissolved Barium (Ba)	ug/L	59.4	0.10	32.8	0.020	14.0	0.20	21.2	0.10	5860057
Dissolved Beryllium (Be)	ug/L	<0.050	0.050	<0.010	0.010	<0.10	0.10	<0.050	0.050	5860057
Dissolved Bismuth (Bi)	ug/L	<0.025	0.025	<0.0050	0.0050	<0.050	0.050	<0.025	0.025	5860057
Dissolved Boron (B)	ug/L	<250	250	<50	50	<500	500	<250	250	5860057
Dissolved Cadmium (Cd)	ug/L	0.157	0.025	0.0347	0.0050	1.88	0.050	<0.025	0.025	5860057
Dissolved Chromium (Cr)	ug/L	<0.50	0.50	<0.10	0.10	<1.0	1.0	<0.50	0.50	5860057
Dissolved Cobalt (Co)	ug/L	6.51	0.025	0.219	0.0050	177	0.050	0.935	0.025	5860057
Dissolved Copper (Cu)	ug/L	1.92	0.25	0.113	0.050	<0.50	0.50	<0.25	0.25	5860057
Dissolved Iron (Fe)	ug/L	13.4	5.0	1050	1.0	48700	10	11400	5.0	5860057
Dissolved Lead (Pb)	ug/L	<0.025	0.025	0.0077	0.0050	0.075	0.050	0.052	0.025	5860057
Dissolved Lithium (Li)	ug/L	4.8	2.5	9.86	0.50	26.5	5.0	21.3	2.5	5860057
Dissolved Manganese (Mn)	ug/L	10000	0.25	283	0.050	84100	0.50	6390	0.25	5860057
Dissolved Molybdenum (Mo)	ug/L	1.19	0.25	0.385	0.050	<0.50	0.50	0.36	0.25	5860057
Dissolved Nickel (Ni)	ug/L	7.61	0.10	0.954	0.020	54.6	0.20	1.94	0.10	5860057
Dissolved Selenium (Se)	ug/L	<0.20	0.20	<0.040	0.040	<0.40	0.40	<0.20	0.20	5860057
Dissolved Silicon (Si)	ug/L	7240	500	5540	100	10200	1000	6950	500	5860057
Dissolved Silver (Ag)	ug/L	<0.025	0.025	<0.0050	0.0050	<0.050	0.050	<0.025	0.025	5860057
Dissolved Strontium (Sr)	ug/L	629	0.25	594	0.050	2130	0.50	1130	0.25	5860057
Dissolved Thallium (Tl)	ug/L	0.014	0.010	0.0077	0.0020	<0.020	0.020	<0.010	0.010	5860057
Dissolved Tin (Sn)	ug/L	<1.0	1.0	<0.20	0.20	<2.0	2.0	<1.0	1.0	5860057
Dissolved Titanium (Ti)	ug/L	<2.5	2.5	<0.50	0.50	<5.0	5.0	<2.5	2.5	5860057
Dissolved Uranium (U)	ug/L	11.4	0.010	9.21	0.0020	5.94	0.020	6.35	0.010	5860057
Dissolved Vanadium (V)	ug/L	<1.0	1.0	<0.20	0.20	<2.0	2.0	<1.0	1.0	5860057
Dissolved Zinc (Zn)	ug/L	5.16	0.50	0.57	0.10	57.1	1.0	1.31	0.50	5860057
Dissolved Zirconium (Zr)	ug/L	0.53	0.50	<0.10	0.10	<1.0	1.0	<0.50	0.50	5860057
Dissolved Calcium (Ca)	mg/L	223	0.25	246	0.050	700	0.50	410	0.25	5854710
Dissolved Magnesium (Mg)	mg/L	53.0	0.25	40.3	0.050	171	0.50	72.9	0.25	5854710
Dissolved Potassium (K)	mg/L	4.66	0.25	3.97	0.050	8.11	0.50	5.82	0.25	5854710
RDL = Reportable Detection Limit										

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7088		DL7089		DL7090		DL7091		
Sampling Date		2012/05/16		2012/05/16		2012/05/16		2012/05/16		
COC Number		08351398		08351398		08351398		08351398		
	Units	X25A-96	RDL	X25B-96	RDL	P01-03	RDL	P01-04B	RDL	QC Batch
Dissolved Sodium (Na)	mg/L	20.2	0.25	51.5	0.050	33.4	0.50	44.5	0.25	5854710
Dissolved Sulphur (S)	mg/L	191	50	227	10	823	100	373	50	5854710
RDL = Reportable Detection Limit										

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7092		DL7093		DL7094		DL7095		
Sampling Date						2012/05/15		2012/05/15		
COC Number		08351398		08351398		08351398		08351398		
	Units	X21A-96	RDL	X21B-96	RDL	P09-ETA2	RDL	P96-8A	RDL	QC Batch
Misc. Inorganics										
Dissolved Hardness (CaCO ₃)	mg/L	2780	0.50	1400	0.50	3170	0.50	5700	0.50	5854707
Dissolved Metals by ICPMS										
Dissolved Aluminum (Al)	ug/L	2640	20	4.4	1.0	1020	20	447	4.0	5860057
Dissolved Antimony (Sb)	ug/L	<2.0	2.0	<0.10	0.10	<2.0	2.0	<0.40	0.40	5860057
Dissolved Arsenic (As)	ug/L	25.0	2.0	9.04	0.10	111	2.0	0.73	0.40	5860057
Dissolved Barium (Ba)	ug/L	4.8	2.0	18.1	0.10	11.9	2.0	16.4	0.40	5860057
Dissolved Beryllium (Be)	ug/L	18.0	1.0	<0.050	0.050	3.0	1.0	0.95	0.20	5860057
Dissolved Bismuth (Bi)	ug/L	<0.50	0.50	<0.025	0.025	<0.50	0.50	<0.10	0.10	5860057
Dissolved Boron (B)	ug/L	<5000	5000	<250	250	<5000	5000	<1000	1000	5860057
Dissolved Cadmium (Cd)	ug/L	5.56	0.50	0.173	0.025	1.12	0.50	88.6	0.10	5860057
Dissolved Chromium (Cr)	ug/L	<10	10	<0.50	0.50	<10	10	<2.0	2.0	5860057
Dissolved Cobalt (Co)	ug/L	15.6	0.50	61.8	0.025	986	0.50	1300	0.10	5860057
Dissolved Copper (Cu)	ug/L	9.9	5.0	<0.25	0.25	<5.0	5.0	10.4	1.0	5860057
Dissolved Iron (Fe)	ug/L	10000000	100	274000	5.0	3480000	100	87700	20	5860057
Dissolved Lead (Pb)	ug/L	13.8	0.50	0.621	0.025	3.32	0.50	30.7	0.10	5860057
Dissolved Lithium (Li)	ug/L	72	50	23.7	2.5	95	50	208	10	5860057
Dissolved Manganese (Mn)	ug/L	345000	5.0	50100	0.25	73000	5.0	101000	1.0	5860057
Dissolved Molybdenum (Mo)	ug/L	<5.0	5.0	0.56	0.25	<5.0	5.0	<1.0	1.0	5860057
Dissolved Nickel (Ni)	ug/L	89.6	2.0	32.5	0.10	1010	2.0	1260	0.40	5860057
Dissolved Selenium (Se)	ug/L	<4.0	4.0	<0.20	0.20	<4.0	4.0	<0.80	0.80	5860057
Dissolved Silicon (Si)	ug/L	25600	10000	11800	500	<10000	10000	11800	2000	5860057
Dissolved Silver (Ag)	ug/L	<0.50	0.50	<0.025	0.025	<0.50	0.50	<0.10	0.10	5860057
Dissolved Strontium (Sr)	ug/L	957	5.0	1160	0.25	3690	5.0	4000	1.0	5860057
Dissolved Thallium (Tl)	ug/L	<0.20	0.20	0.042	0.010	<0.20	0.20	0.326	0.040	5860057
Dissolved Tin (Sn)	ug/L	<20	20	<1.0	1.0	<20	20	<4.0	4.0	5860057
Dissolved Titanium (Ti)	ug/L	<50	50	<2.5	2.5	<50	50	<10	10	5860057
Dissolved Uranium (U)	ug/L	3.42	0.20	4.95	0.010	4.18	0.20	1.81	0.040	5860057
Dissolved Vanadium (V)	ug/L	<20	20	<1.0	1.0	<20	20	<4.0	4.0	5860057
Dissolved Zinc (Zn)	ug/L	541000	10	511	0.50	979000	10	545000	2.0	5860057
Dissolved Zirconium (Zr)	ug/L	<10	10	0.67	0.50	<10	10	<2.0	2.0	5860057
Dissolved Calcium (Ca)	mg/L	379	5.0	411	0.25	439	5.0	390	1.0	5854710
Dissolved Magnesium (Mg)	mg/L	445	5.0	91.7	0.25	504	5.0	1150	1.0	5854710
Dissolved Potassium (K)	mg/L	12.4	5.0	5.84	0.25	7.8	5.0	18.5	1.0	5854710
RDL = Reportable Detection Limit										

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7092		DL7093		DL7094		DL7095		
Sampling Date						2012/05/15		2012/05/15		
COC Number		08351398		08351398		08351398		08351398		
	Units	X21A-96	RDL	X21B-96	RDL	P09-ETA2	RDL	P96-8A	RDL	QC Batch
Dissolved Sodium (Na)	mg/L	51.1	5.0	59.5	0.25	32.3	5.0	62.4	1.0	5854710
Dissolved Sulphur (S)	mg/L	7200	1000	642	50	3530	1000	2250	200	5854710
RDL = Reportable Detection Limit										

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7096	DL7097	DL7098		DL7099		DL7100		
Sampling Date		2012/05/15	2012/05/15			2012/05/15		2012/05/16		
COC Number		08351399	08351399	08351399		08351399		08351399		
	Units	P96-8B	SRK08-P10A	SRK08-P9	RDL	SRK08-P11B	RDL	P96-7	RDL	QC Batch
Misc. Inorganics										
Dissolved Hardness (CaCO3)	mg/L	120	2160	991	0.50	825	0.50	2220	0.50	5854707
Dissolved Metals by ICPMS										
Dissolved Aluminum (Al)	ug/L	13.9	6.0	3.8	1.0	3.53	0.20	3.8	1.0	5860057
Dissolved Antimony (Sb)	ug/L	0.39	<0.10	<0.10	0.10	0.029	0.020	<0.10	0.10	5860057
Dissolved Arsenic (As)	ug/L	<0.10	0.46	0.59	0.10	0.151	0.020	0.17	0.10	5860057
Dissolved Barium (Ba)	ug/L	78.1	20.6	29.7	0.10	60.8	0.020	9.37	0.10	5860057
Dissolved Beryllium (Be)	ug/L	<0.050	<0.050	<0.050	0.050	<0.010	0.010	<0.050	0.050	5860057
Dissolved Bismuth (Bi)	ug/L	<0.025	<0.025	<0.025	0.025	<0.0050	0.0050	<0.025	0.025	5860057
Dissolved Boron (B)	ug/L	<250	<250	<250	250	<50	50	<250	250	5860057
Dissolved Cadmium (Cd)	ug/L	1.74	0.246	0.055	0.025	1.42	0.0050	0.037	0.025	5860057
Dissolved Chromium (Cr)	ug/L	<0.50	<0.50	<0.50	0.50	<0.10	0.10	<0.50	0.50	5860057
Dissolved Cobalt (Co)	ug/L	8.42	3.93	4.23	0.025	0.198	0.0050	<0.025	0.025	5860057
Dissolved Copper (Cu)	ug/L	2.55	1.36	0.81	0.25	1.52	0.050	0.75	0.25	5860057
Dissolved Iron (Fe)	ug/L	605	15.4	340	5.0	57.1	1.0	10.6	5.0	5860057
Dissolved Lead (Pb)	ug/L	1.27	0.101	0.144	0.025	0.0709	0.0050	0.029	0.025	5860057
Dissolved Lithium (Li)	ug/L	16.8	6.2	12.6	2.5	13.6	0.50	38.0	2.5	5860057
Dissolved Manganese (Mn)	ug/L	678	9.37	341	0.25	1600	0.050	2.71	0.25	5860057
Dissolved Molybdenum (Mo)	ug/L	<0.25	<0.25	2.03	0.25	0.259	0.050	0.58	0.25	5860057
Dissolved Nickel (Ni)	ug/L	20.7	6.61	31.2	0.10	24.7	0.020	2.48	0.10	5860057
Dissolved Selenium (Se)	ug/L	<0.20	<0.20	1.43	0.20	0.053	0.040	0.66	0.20	5860057
Dissolved Silicon (Si)	ug/L	4040	8960	6090	500	7570	100	4770	500	5860057
Dissolved Silver (Ag)	ug/L	<0.025	<0.025	<0.025	0.025	<0.0050	0.0050	<0.025	0.025	5860057
Dissolved Strontium (Sr)	ug/L	175	1510	3920	0.25	857	0.050	750	0.25	5860057
Dissolved Thallium (Tl)	ug/L	0.040	<0.010	<0.010	0.010	0.0318	0.0020	<0.010	0.010	5860057
Dissolved Tin (Sn)	ug/L	<1.0	<1.0	<1.0	1.0	<0.20	0.20	<1.0	1.0	5860057
Dissolved Titanium (Ti)	ug/L	<2.5	<2.5	<2.5	2.5	<0.50	0.50	<2.5	2.5	5860057
Dissolved Uranium (U)	ug/L	0.068	40.9	7.96	0.010	1.80	0.0020	31.7	0.010	5860057
Dissolved Vanadium (V)	ug/L	<1.0	<1.0	<1.0	1.0	<0.20	0.20	<1.0	1.0	5860057
Dissolved Zinc (Zn)	ug/L	7140	29.0	7.16	0.50	332	0.10	5.38	0.50	5860057
Dissolved Zirconium (Zr)	ug/L	<0.50	1.68	<0.50	0.50	<0.10	0.10	<0.50	0.50	5860057
Dissolved Calcium (Ca)	mg/L	21.9	728	296	0.25	229	0.050	532	0.25	5854710
Dissolved Magnesium (Mg)	mg/L	15.7	84.6	61.0	0.25	61.8	0.050	218	0.25	5854710
Dissolved Potassium (K)	mg/L	3.44	14.7	5.98	0.25	4.03	0.050	6.14	0.25	5854710
RDL = Reportable Detection Limit										

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7096	DL7097	DL7098		DL7099		DL7100		
Sampling Date		2012/05/15	2012/05/15			2012/05/15		2012/05/16		
COC Number		08351399	08351399	08351399		08351399		08351399		
	Units	P96-8B	SRK08-P10A	SRK08-P9	RDL	SRK08-P11B	RDL	P96-7	RDL	QC Batch

Dissolved Sodium (Na)	mg/L	1.88	145	9.49	0.25	12.1	0.050	19.3	0.25	5854710
Dissolved Sulphur (S)	mg/L	<50	606	258	50	245	10	695	50	5854710

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7101	DL7102			DL7103		DL7104		
Sampling Date		2012/05/16	2012/05/15			2012/05/15		2012/05/15		
COC Number		08351399	08351399			08351399		08351399		
	Units	S1A	S2A	RDL	QC Batch	S2B	RDL	SRK05-SP-4A	RDL	QC Batch
Misc. Inorganics										
Dissolved Hardness (CaCO ₃)	mg/L	280	693	0.50	5854707	6340	0.50	588	0.50	5854707
Dissolved Metals by ICPMS										
Dissolved Aluminum (Al)	ug/L	5.21	16.3	0.20	5860057	19	10	37.3	0.20	5860289
Dissolved Antimony (Sb)	ug/L	0.026	0.054	0.020	5860057	<1.0	1.0	0.029	0.020	5860289
Dissolved Arsenic (As)	ug/L	0.075	0.197	0.020	5860057	1.2	1.0	3.41	0.020	5860289
Dissolved Barium (Ba)	ug/L	57.8	22.2	0.020	5860057	20.3	1.0	15.7	0.020	5860289
Dissolved Beryllium (Be)	ug/L	0.028	0.069	0.010	5860057	<0.50	0.50	1.07	0.010	5860289
Dissolved Bismuth (Bi)	ug/L	<0.0050	<0.0050	0.0050	5860057	<0.25	0.25	<0.0050	0.0050	5860289
Dissolved Boron (B)	ug/L	<50	<50	50	5860057	<2500	2500	<50	50	5860289
Dissolved Cadmium (Cd)	ug/L	0.579	0.628	0.0050	5860057	32.3	0.25	0.0919	0.0050	5860289
Dissolved Chromium (Cr)	ug/L	<0.10	<0.10	0.10	5860057	<5.0	5.0	<0.10	0.10	5860289
Dissolved Cobalt (Co)	ug/L	1.88	14.3	0.0050	5860057	693	0.25	11.0	0.0050	5860289
Dissolved Copper (Cu)	ug/L	0.526	1.05	0.050	5860057	3.4	2.5	<0.050	0.050	5860289
Dissolved Iron (Fe)	ug/L	3040	14000	1.0	5860057	31600	50	26300	1.0	5860289
Dissolved Lead (Pb)	ug/L	0.0353	0.151	0.0050	5860057	<0.25	0.25	0.234	0.0050	5860289
Dissolved Lithium (Li)	ug/L	35.0	43.7	0.50	5860057	179	25	64.8	0.50	5860289
Dissolved Manganese (Mn)	ug/L	3940	2100	0.050	5860057	123000	2.5	1390	0.050	5860289
Dissolved Molybdenum (Mo)	ug/L	<0.050	0.170	0.050	5860057	<2.5	2.5	0.173	0.050	5860289
Dissolved Nickel (Ni)	ug/L	6.07	28.2	0.020	5860057	1900	1.0	26.1	0.020	5860289
Dissolved Selenium (Se)	ug/L	0.065	0.042	0.040	5860057	<2.0	2.0	<0.040	0.040	5860289
Dissolved Silicon (Si)	ug/L	8140	14000	100	5860057	12200	5000	15200	100	5860289
Dissolved Silver (Ag)	ug/L	<0.0050	0.0074	0.0050	5860057	<0.25	0.25	<0.0050	0.0050	5860289
Dissolved Strontium (Sr)	ug/L	271	645	0.050	5860057	2220	2.5	697	0.050	5860289
Dissolved Thallium (Tl)	ug/L	0.0035	0.0041	0.0020	5860057	<0.10	0.10	<0.0020	0.0020	5860289
Dissolved Tin (Sn)	ug/L	<0.20	<0.20	0.20	5860057	<10	10	<0.20	0.20	5860289
Dissolved Titanium (Ti)	ug/L	<0.50	<0.50	0.50	5860057	<25	25	<0.50	0.50	5860289
Dissolved Uranium (U)	ug/L	0.0997	4.32	0.0020	5860057	0.54	0.10	0.949	0.0020	5860289
Dissolved Vanadium (V)	ug/L	<0.20	<0.20	0.20	5860057	<10	10	<0.20	0.20	5860289
Dissolved Zinc (Zn)	ug/L	1320	2930	0.10	5860057	453000	5.0	1330	0.10	5860289
Dissolved Zirconium (Zr)	ug/L	<0.10	2.64	0.10	5860057	<5.0	5.0	0.12	0.10	5860289
Dissolved Calcium (Ca)	mg/L	35.3	175	0.050	5854710	470	2.5	143	0.050	5854710
Dissolved Magnesium (Mg)	mg/L	46.5	62.2	0.050	5854710	1250	2.5	56.1	0.050	5854710
Dissolved Potassium (K)	mg/L	2.80	5.54	0.050	5854710	13.5	2.5	4.95	0.050	5854710
RDL = Reportable Detection Limit										

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7101	DL7102			DL7103		DL7104		
Sampling Date		2012/05/16	2012/05/15			2012/05/15		2012/05/15		
COC Number		08351399	08351399			08351399		08351399		
	Units	S1A	S2A	RDL	QC Batch	S2B	RDL	SRK05-SP-4A	RDL	QC Batch
Dissolved Sodium (Na)	mg/L	4.34	8.63	0.050	5854710	39.5	2.5	10.2	0.050	5854710
Dissolved Sulphur (S)	mg/L	86	152	10	5854710	2600	500	129	10	5854710
RDL = Reportable Detection Limit										

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7105		DL7106	DL7107		DL7108	DL7109		
Sampling Date		2012/05/15		2012/05/16	2012/05/16		2012/05/15	2012/05/15		
COC Number		08351399		08351400	08351400		08351400	08351400		
	Units	SRK05-SP-5	RDL	SRK08-SP7A	SRK08-SP7B	RDL	P09-SIS1	P09-SIS2	RDL	QC Batch

Misc. Inorganics										
Dissolved Hardness (CaCO ₃)	mg/L	4720	0.50	585	94.6	0.50	7070	6930	0.50	5854707
Dissolved Metals by ICPMS										
Dissolved Aluminum (Al)	ug/L	38	10	10.7	8.01	0.20	39	46	10	5860289
Dissolved Antimony (Sb)	ug/L	<1.0	1.0	0.029	0.022	0.020	<1.0	<1.0	1.0	5860289
Dissolved Arsenic (As)	ug/L	1.5	1.0	5.08	0.948 (1)	0.020	<1.0	<1.0	1.0	5860289
Dissolved Barium (Ba)	ug/L	21.0	1.0	11.7	35.7	0.020	22.2	21.7	1.0	5860289
Dissolved Beryllium (Be)	ug/L	<0.50	0.50	0.386	0.045	0.010	<0.50	<0.50	0.50	5860289
Dissolved Bismuth (Bi)	ug/L	<0.25	0.25	<0.0050	<0.0050	0.0050	<0.25	<0.25	0.25	5860289
Dissolved Boron (B)	ug/L	<2500	2500	<50	<50	50	<2500	<2500	2500	5860289
Dissolved Cadmium (Cd)	ug/L	153	0.25	0.0451	0.0108	0.0050	251	275	0.25	5860289
Dissolved Chromium (Cr)	ug/L	<5.0	5.0	<0.10	<0.10	0.10	<5.0	<5.0	5.0	5860289
Dissolved Cobalt (Co)	ug/L	794	0.25	7.72	0.707	0.0050	1360	1510	0.25	5860289
Dissolved Copper (Cu)	ug/L	7.9	2.5	<0.050	0.136	0.050	5.4	11.2	2.5	5860289
Dissolved Iron (Fe)	ug/L	1390	50	19000	1740	1.0	2800	568	50	5860289
Dissolved Lead (Pb)	ug/L	2.27	0.25	0.0685	0.0264	0.0050	1.14	0.43	0.25	5860289
Dissolved Lithium (Li)	ug/L	138	25	48.9	14.3	0.50	198	199	25	5860289
Dissolved Manganese (Mn)	ug/L	89500	2.5	1500	965	0.050	140000	142000	2.5	5860289
Dissolved Molybdenum (Mo)	ug/L	<2.5	2.5	0.110	0.118	0.050	<2.5	<2.5	2.5	5860289
Dissolved Nickel (Ni)	ug/L	2170	1.0	20.0	3.48	0.020	3380	3460	1.0	5860289
Dissolved Selenium (Se)	ug/L	<2.0	2.0	<0.040	0.044	0.040	<2.0	<2.0	2.0	5860289
Dissolved Silicon (Si)	ug/L	13300	5000	12800	6400	100	12900	12900	5000	5860289
Dissolved Silver (Ag)	ug/L	<0.25	0.25	<0.0050	<0.0050	0.0050	<0.25	<0.25	0.25	5860289
Dissolved Strontium (Sr)	ug/L	1660	2.5	593	105	0.050	2270	2210	2.5	5860289
Dissolved Thallium (Tl)	ug/L	<0.10	0.10	0.0021	<0.0020	0.0020	<0.10	<0.10	0.10	5860289
Dissolved Tin (Sn)	ug/L	<10	10	<0.20	<0.20	0.20	<10	<10	10	5860289
Dissolved Titanium (Ti)	ug/L	<25	25	<0.50	<0.50	0.50	<25	<25	25	5860289
Dissolved Uranium (U)	ug/L	4.26	0.10	0.501	0.0821	0.0020	1.67	5.65	0.10	5860289
Dissolved Vanadium (V)	ug/L	<10	10	<0.20	<0.20	0.20	<10	<10	10	5860289
Dissolved Zinc (Zn)	ug/L	386000	5.0	568	974	0.10	627000	635000	5.0	5860289
Dissolved Zirconium (Zr)	ug/L	<5.0	5.0	<0.10	<0.10	0.10	<5.0	<5.0	5.0	5860289
Dissolved Calcium (Ca)	mg/L	367	2.5	145	11.7	0.050	485	464	2.5	5854710
Dissolved Magnesium (Mg)	mg/L	923	2.5	54.4	15.9	0.050	1420	1400	2.5	5854710

RDL = Reportable Detection Limit
(1) Duplicate RPD above control limit - (10% of analytes failure allowed).

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7105		DL7106	DL7107		DL7108	DL7109		
Sampling Date		2012/05/15		2012/05/16	2012/05/16		2012/05/15	2012/05/15		
COC Number		08351399		08351400	08351400		08351400	08351400		
	Units	SRK05-SP-5	RDL	SRK08-SP7A	SRK08-SP7B	RDL	P09-SIS1	P09-SIS2	RDL	QC Batch

Dissolved Potassium (K)	mg/L	11.8	2.5	5.10	1.66	0.050	14.9	14.6	2.5	5854710
Dissolved Sodium (Na)	mg/L	30.7	2.5	9.77	2.61	0.050	41.8	39.8	2.5	5854710
Dissolved Sulphur (S)	mg/L	1900	500	189	12	10	2950	2960	500	5854710

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7110		DL7111		DL7112	DL7113	DL7114		
Sampling Date		2012/05/15		2012/05/15		2012/05/15				
COC Number		08351400		08351400		08351400	08351400	08351400		
	Units	P09-SIS3	RDL	P09-SIS4	RDL	S09-SIS5	BH14A	BH14B	RDL	QC Batch
Misc. Inorganics										
Dissolved Hardness (CaCO ₃)	mg/L	5370	0.50	5230	0.50	3770	2680	2440	0.50	5854707
Dissolved Metals by ICPMS										
Dissolved Aluminum (Al)	ug/L	29	10	5.9	2.0	8.9	5.8	19.7	1.0	5860289
Dissolved Antimony (Sb)	ug/L	<1.0	1.0	0.43	0.20	0.24	<0.10	<0.10	0.10	5860289
Dissolved Arsenic (As)	ug/L	<1.0	1.0	0.32	0.20	1.78	0.15	0.17	0.10	5860289
Dissolved Barium (Ba)	ug/L	18.5	1.0	18.0	0.20	26.4	17.0	17.7	0.10	5860289
Dissolved Beryllium (Be)	ug/L	<0.50	0.50	<0.10	0.10	<0.050	<0.050	<0.050	0.050	5860289
Dissolved Bismuth (Bi)	ug/L	<0.25	0.25	<0.050	0.050	<0.025	<0.025	<0.025	0.025	5860289
Dissolved Boron (B)	ug/L	<2500	2500	<500	500	<250	<250	<250	250	5860289
Dissolved Cadmium (Cd)	ug/L	219	0.25	23.2	0.050	0.224	1.36	0.130	0.025	5860289
Dissolved Chromium (Cr)	ug/L	<5.0	5.0	<1.0	1.0	<0.50	<0.50	<0.50	0.50	5860289
Dissolved Cobalt (Co)	ug/L	595	0.25	0.813	0.050	48.0	0.330	0.083	0.025	5860289
Dissolved Copper (Cu)	ug/L	16.0	2.5	8.30	0.50	0.58	1.95	1.35	0.25	5860289
Dissolved Iron (Fe)	ug/L	188	50	16	10	12100	22.0	14.1	5.0	5860289
Dissolved Lead (Pb)	ug/L	<0.25	0.25	0.413	0.050	0.044	31.7	18.4	0.025	5860289
Dissolved Lithium (Li)	ug/L	142	25	119	5.0	56.6	79.7	66.7	2.5	5860289
Dissolved Manganese (Mn)	ug/L	99600	2.5	9850	0.50	38500	28.1	3.74	0.25	5860289
Dissolved Molybdenum (Mo)	ug/L	<2.5	2.5	<0.50	0.50	0.90	0.29	<0.25	0.25	5860289
Dissolved Nickel (Ni)	ug/L	2760	1.0	948	0.20	126	64.2	2.77	0.10	5860289
Dissolved Selenium (Se)	ug/L	<2.0	2.0	<0.40	0.40	<0.20	0.55	0.53	0.20	5860289
Dissolved Silicon (Si)	ug/L	11600	5000	11400	1000	10400	9110	8410	500	5860289
Dissolved Silver (Ag)	ug/L	<0.25	0.25	<0.050	0.050	<0.025	<0.025	<0.025	0.025	5860289
Dissolved Strontium (Sr)	ug/L	1810	2.5	2220	0.50	2060	3120	3270	0.25	5860289
Dissolved Thallium (Tl)	ug/L	<0.10	0.10	<0.020	0.020	0.038	0.014	<0.010	0.010	5860289
Dissolved Tin (Sn)	ug/L	<10	10	<2.0	2.0	<1.0	<1.0	<1.0	1.0	5860289
Dissolved Titanium (Ti)	ug/L	<25	25	<5.0	5.0	<2.5	<2.5	<2.5	2.5	5860289
Dissolved Uranium (U)	ug/L	1.73	0.10	7.10	0.020	19.2	138	177	0.010	5860289
Dissolved Vanadium (V)	ug/L	<10	10	<2.0	2.0	<1.0	<1.0	<1.0	1.0	5860289
Dissolved Zinc (Zn)	ug/L	496000	5.0	142000	1.0	5640	6570	270	0.50	5860289
Dissolved Zirconium (Zr)	ug/L	<5.0	5.0	<1.0	1.0	<0.50	<0.50	<0.50	0.50	5860289
Dissolved Calcium (Ca)	mg/L	397	2.5	451	0.50	451	536	525	0.25	5854710
Dissolved Magnesium (Mg)	mg/L	1060	2.5	997	0.50	642	325	274	0.25	5854710
Dissolved Potassium (K)	mg/L	12.8	2.5	10.1	0.50	9.40	4.07	4.31	0.25	5854710
RDL = Reportable Detection Limit										

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7110		DL7111		DL7112	DL7113	DL7114		
Sampling Date		2012/05/15		2012/05/15		2012/05/15				
COC Number		08351400		08351400		08351400	08351400	08351400		
	Units	P09-SIS3	RDL	P09-SIS4	RDL	S09-SIS5	BH14A	BH14B	RDL	QC Batch
Dissolved Sodium (Na)	mg/L	30.7	2.5	34.3	0.50	100	17.6	16.0	0.25	5854710
Dissolved Sulphur (S)	mg/L	2240	500	1940	100	1310	804	696	50	5854710
RDL = Reportable Detection Limit										

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7115		DL7116	DL7117	DL7118		DL7119		
Sampling Date										
COC Number		08351400		08351400	08351400	08351401		08351401		
	Units	P96-6	RDL	P96-9A	P2001-02A	P2001-02B	RDL	P2001-03	RDL	QC Batch
Misc. Inorganics										
Dissolved Hardness (CaCO ₃)	mg/L	755	0.50	2170	1270	1160	0.50	517	0.50	5854707
Dissolved Metals by ICPMS										
Dissolved Aluminum (Al)	ug/L	3.85	0.20	6.9	3.6	3.4	1.0	4.54	0.20	5860289
Dissolved Antimony (Sb)	ug/L	0.023	0.020	0.13	0.22	<0.10	0.10	0.088	0.020	5860289
Dissolved Arsenic (As)	ug/L	0.152	0.020	0.43	18.2	5.74	0.10	2.48	0.020	5860289
Dissolved Barium (Ba)	ug/L	21.8	0.020	48.5	15.0	32.3	0.10	37.1	0.020	5860289
Dissolved Beryllium (Be)	ug/L	0.105	0.010	<0.050	<0.050	<0.050	0.050	<0.010	0.010	5860289
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	<0.025	<0.025	<0.025	0.025	<0.0050	0.0050	5860289
Dissolved Boron (B)	ug/L	<50	50	<250	<250	<250	250	<50	50	5860289
Dissolved Cadmium (Cd)	ug/L	0.421	0.0050	0.333	<0.025	<0.025	0.025	0.185	0.0050	5860289
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	<0.50	<0.50	<0.50	0.50	<0.10	0.10	5860289
Dissolved Cobalt (Co)	ug/L	0.0259	0.0050	0.082	0.783	0.339	0.025	0.665	0.0050	5860289
Dissolved Copper (Cu)	ug/L	0.421	0.050	2.21	<0.25	<0.25	0.25	0.560	0.050	5860289
Dissolved Iron (Fe)	ug/L	4.7	1.0	46.4	829	5560	5.0	42.6	1.0	5860289
Dissolved Lead (Pb)	ug/L	0.273	0.0050	0.131	0.082	0.051	0.025	0.101	0.0050	5860289
Dissolved Lithium (Li)	ug/L	40.6	0.50	12.6	36.1	31.2	2.5	12.1	0.50	5860289
Dissolved Manganese (Mn)	ug/L	4.46	0.050	10.8	180	536	0.25	477	0.050	5860289
Dissolved Molybdenum (Mo)	ug/L	<0.050	0.050	0.86	1.71	0.92	0.25	9.09	0.050	5860289
Dissolved Nickel (Ni)	ug/L	23.1	0.020	7.21	4.24	1.09	0.10	2.29	0.020	5860289
Dissolved Selenium (Se)	ug/L	3.05	0.040	0.86	<0.20	<0.20	0.20	0.071	0.040	5860289
Dissolved Silicon (Si)	ug/L	11100	100	5350	5870	6370	500	6960	100	5860289
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	<0.025	<0.025	<0.025	0.025	<0.0050	0.0050	5860289
Dissolved Strontium (Sr)	ug/L	682	0.050	1200	1470	1350	0.25	685	0.050	5860289
Dissolved Thallium (Tl)	ug/L	0.0028	0.0020	<0.010	<0.010	<0.010	0.010	<0.0020	0.0020	5860289
Dissolved Tin (Sn)	ug/L	<0.20	0.20	<1.0	<1.0	<1.0	1.0	<0.20	0.20	5860289
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	<2.5	<2.5	<2.5	2.5	<0.50	0.50	5860289
Dissolved Uranium (U)	ug/L	27.6	0.0020	48.9	41.5	24.9	0.010	14.5	0.0020	5860289
Dissolved Vanadium (V)	ug/L	<0.20	0.20	<1.0	<1.0	<1.0	1.0	0.26	0.20	5860289
Dissolved Zinc (Zn)	ug/L	727	0.10	21.5	11.5	7.72	0.50	5.25	0.10	5860289
Dissolved Zirconium (Zr)	ug/L	<0.10	0.10	<0.50	<0.50	<0.50	0.50	0.48	0.10	5860289
Dissolved Calcium (Ca)	mg/L	199	0.050	320	265	247	0.25	98.4	0.050	5854710
Dissolved Magnesium (Mg)	mg/L	62.8	0.050	334	147	133	0.25	66.0	0.050	5854710
Dissolved Potassium (K)	mg/L	4.31	0.050	5.03	5.16	4.70	0.25	3.46	0.050	5854710
RDL = Reportable Detection Limit										

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7115		DL7116	DL7117	DL7118		DL7119		
Sampling Date										
COC Number		08351400		08351400	08351400	08351401		08351401		
	Units	P96-6	RDL	P96-9A	P2001-02A	P2001-02B	RDL	P2001-03	RDL	QC Batch

Dissolved Sodium (Na)	mg/L	6.52	0.050	12.9	11.1	13.5	0.25	28.3	0.050	5854710
Dissolved Sulphur (S)	mg/L	166	10	643	301	241	50	51	10	5854710

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7120		DL7121	DL7122			DL7123		
Sampling Date										
COC Number		08351401		08351401	08351401			08351401		
	Units	SRK05-05C	RDL	SRK05-07	SRK05-08	RDL	QC Batch	SRK-05-9	RDL	QC Batch
Misc. Inorganics										
Dissolved Hardness (CaCO ₃)	mg/L	254	0.50	1930	1650	0.50	5854707	969	0.50	5854707
Dissolved Metals by ICPMS										
Dissolved Aluminum (Al)	ug/L	33.4	0.20	4.4	2.2	1.0	5860289	4.93	0.20	5860292
Dissolved Antimony (Sb)	ug/L	0.153	0.020	0.65	<0.10	0.10	5860289	0.289	0.020	5860292
Dissolved Arsenic (As)	ug/L	3.95	0.020	1.51	0.31	0.10	5860289	0.872	0.020	5860292
Dissolved Barium (Ba)	ug/L	71.2	0.020	49.2	14.2	0.10	5860289	28.5	0.020	5860292
Dissolved Beryllium (Be)	ug/L	<0.010	0.010	<0.050	<0.050	0.050	5860289	<0.010	0.010	5860292
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	<0.025	<0.025	0.025	5860289	<0.0050	0.0050	5860292
Dissolved Boron (B)	ug/L	<50	50	<250	<250	250	5860289	<50	50	5860292
Dissolved Cadmium (Cd)	ug/L	0.0347	0.0050	0.119	0.035	0.025	5860289	0.144	0.0050	5860292
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	<0.50	<0.50	0.50	5860289	0.35	0.10	5860292
Dissolved Cobalt (Co)	ug/L	0.306	0.0050	1.54	0.958	0.025	5860289	0.0278 (L)	0.0050	5860292
Dissolved Copper (Cu)	ug/L	0.408	0.050	0.78	2.30	0.25	5860289	3.20	0.050	5860292
Dissolved Iron (Fe)	ug/L	44.6	1.0	17.4	5.9	5.0	5860289	7.8	1.0	5860292
Dissolved Lead (Pb)	ug/L	0.434	0.0050	0.160	0.071	0.025	5860289	0.306	0.0050	5860292
Dissolved Lithium (Li)	ug/L	7.63	0.50	6.2	17.6	2.5	5860289	6.05	0.50	5860292
Dissolved Manganese (Mn)	ug/L	403	0.050	124	0.62	0.25	5860289	0.728	0.050	5860292
Dissolved Molybdenum (Mo)	ug/L	20.8	0.050	1.01	0.38	0.25	5860289	1.58	0.050	5860292
Dissolved Nickel (Ni)	ug/L	1.52	0.020	96.1	1.80	0.10	5860289	1.06	0.020	5860292
Dissolved Selenium (Se)	ug/L	<0.040	0.040	0.50	0.30	0.20	5860289	0.419	0.040	5860292
Dissolved Silicon (Si)	ug/L	4870	100	6230	5900	500	5860289	3730	100	5860292
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	<0.025	<0.025	0.025	5860289	<0.0050	0.0050	5860292
Dissolved Strontium (Sr)	ug/L	671	0.050	1210	1430	0.25	5860289	561	0.050	5860292
Dissolved Thallium (Tl)	ug/L	0.0118	0.0020	<0.010	<0.010	0.010	5860289	0.0053	0.0020	5860292
Dissolved Tin (Sn)	ug/L	<0.20	0.20	<1.0	<1.0	1.0	5860289	<0.20	0.20	5860292
Dissolved Titanium (Ti)	ug/L	0.76	0.50	<2.5	<2.5	2.5	5860289	<0.50	0.50	5860292
Dissolved Uranium (U)	ug/L	2.71	0.0020	19.3	26.3	0.010	5860289	22.4	0.0020	5860292
Dissolved Vanadium (V)	ug/L	0.43	0.20	<1.0	<1.0	1.0	5860289	<0.20	0.20	5860292
Dissolved Zinc (Zn)	ug/L	4.14	0.10	20.4	1.83	0.50	5860289	4.64	0.10	5860292
Dissolved Zirconium (Zr)	ug/L	0.13	0.10	<0.50	<0.50	0.50	5860289	<0.10	0.10	5860292
Dissolved Calcium (Ca)	mg/L	66.7	0.050	412	339	0.25	5854710	166	0.050	5854710
Dissolved Magnesium (Mg)	mg/L	21.3	0.050	219	194	0.25	5854710	135	0.050	5854710
RDL = Reportable Detection Limit (1) Duplicate RPD above control limit - (10% of analytes failure allowed).										

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7120		DL7121	DL7122			DL7123		
Sampling Date										
COC Number		08351401		08351401	08351401			08351401		
	Units	SRK05-05C	RDL	SRK05-07	SRK05-08	RDL	QC Batch	SRK-05-9	RDL	QC Batch

Dissolved Potassium (K)	mg/L	1.71	0.050	1.83	1.86	0.25	5854710	2.90	0.050	5854710
Dissolved Sodium (Na)	mg/L	17.1	0.050	11.5	9.79	0.25	5854710	8.35	0.050	5854710
Dissolved Sulphur (S)	mg/L	52	10	554	431	50	5854710	250	10	5854710

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7124		DL7125		DL7126	DL7127		
Sampling Date									
COC Number		08351401		08351401		08351401	08351401		
	Units	V35	QC Batch	V36	RDL	V37	P09-LCD2	RDL	QC Batch
Misc. Inorganics									
Dissolved Hardness (CaCO ₃)	mg/L	2130	5854707	1670	0.50	623	571	0.50	5855102
Dissolved Metals by ICPMS									
Dissolved Aluminum (Al)	ug/L	4.3	5860292	3.1	1.0	4.58	6.85	0.20	5860292
Dissolved Antimony (Sb)	ug/L	0.38	5860292	0.18	0.10	0.095	0.168	0.020	5860292
Dissolved Arsenic (As)	ug/L	1.00	5860292	1.92	0.10	3.54	72.4	0.020	5860292
Dissolved Barium (Ba)	ug/L	11.7	5860292	7.08	0.10	77.8	34.5	0.020	5860292
Dissolved Beryllium (Be)	ug/L	<0.050	5860292	<0.050	0.050	<0.010	<0.010	0.010	5860292
Dissolved Bismuth (Bi)	ug/L	<0.025	5860292	<0.025	0.025	0.0088	<0.0050	0.0050	5860292
Dissolved Boron (B)	ug/L	<250	5860292	<250	250	<50	<50	50	5860292
Dissolved Cadmium (Cd)	ug/L	0.146	5860292	0.437	0.025	0.0083	0.0665	0.0050	5860292
Dissolved Chromium (Cr)	ug/L	<0.50	5860292	<0.50	0.50	0.12	<0.10	0.10	5860292
Dissolved Cobalt (Co)	ug/L	0.088	5860292	0.819	0.025	0.447	2.07	0.0050	5860292
Dissolved Copper (Cu)	ug/L	0.81	5860292	2.30	0.25	0.230	0.156	0.050	5860292
Dissolved Iron (Fe)	ug/L	10.9	5860292	<5.0	5.0	477	2770	1.0	5860292
Dissolved Lead (Pb)	ug/L	0.124	5860292	2.90	0.025	0.0629	8.14	0.0050	5860292
Dissolved Lithium (Li)	ug/L	26.6	5860292	37.9	2.5	26.9	11.0	0.50	5860292
Dissolved Manganese (Mn)	ug/L	8.79	5860292	22.7	0.25	110	873	0.050	5860292
Dissolved Molybdenum (Mo)	ug/L	1.78	5860292	0.47	0.25	21.5	3.59	0.050	5860292
Dissolved Nickel (Ni)	ug/L	5.80	5860292	10.7	0.10	1.65	2.72	0.020	5860292
Dissolved Selenium (Se)	ug/L	1.07	5860292	3.06	0.20	0.319	<0.040	0.040	5860292
Dissolved Silicon (Si)	ug/L	5850	5860292	5430	500	3420	7320	100	5860292
Dissolved Silver (Ag)	ug/L	<0.025	5860292	<0.025	0.025	<0.0050	<0.0050	0.0050	5860292
Dissolved Strontium (Sr)	ug/L	1210	5860292	1530	0.25	663	1040	0.050	5860292
Dissolved Thallium (Tl)	ug/L	0.028	5860292	0.058	0.010	<0.0020	0.0269	0.0020	5860292
Dissolved Tin (Sn)	ug/L	<1.0	5860292	<1.0	1.0	1.39	<0.20	0.20	5860292
Dissolved Titanium (Ti)	ug/L	<2.5	5860292	<2.5	2.5	<0.50	<0.50	0.50	5860292
Dissolved Uranium (U)	ug/L	97.1	5860292	36.2	0.010	2.30	12.6	0.0020	5860292
Dissolved Vanadium (V)	ug/L	<1.0	5860292	<1.0	1.0	0.31	<0.20	0.20	5860292
Dissolved Zinc (Zn)	ug/L	13.9	5860292	102	0.50	26.0	15.2	0.10	5860292
Dissolved Zirconium (Zr)	ug/L	<0.50	5860292	<0.50	0.50	<0.10	<0.10	0.10	5860292
Dissolved Calcium (Ca)	mg/L	437	5854710	334	0.25	83.9	154	0.050	5854710
Dissolved Magnesium (Mg)	mg/L	253	5854710	204	0.25	101	45.4	0.050	5854710
Dissolved Potassium (K)	mg/L	4.66	5854710	4.74	0.25	5.86	3.17	0.050	5854710
RDL = Reportable Detection Limit									

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7124		DL7125		DL7126	DL7127		
Sampling Date									
COC Number		08351401		08351401		08351401	08351401		
	Units	V35	QC Batch	V36	RDL	V37	P09-LCD2	RDL	QC Batch
Dissolved Sodium (Na)	mg/L	9.16	5854710	7.71	0.25	31.2	11.7	0.050	5854710
Dissolved Sulphur (S)	mg/L	512	5854710	413	50	88	103	10	5854710
RDL = Reportable Detection Limit									

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7128	DL7129	DL7139	DL7140		DL7141		
Sampling Date									
COC Number		08351401	08351401	08351402	08351402		08351402		
	Units	P09-LCD4	P09-LCD6	P09-VC1	P09-VC2	RDL	P05-01-05	RDL	QC Batch

Misc. Inorganics									
Dissolved Hardness (CaCO ₃)	mg/L	317	505	139	191	0.50	1940	0.50	5855102
Dissolved Metals by ICPMS									
Dissolved Aluminum (Al)	ug/L	7.93	3.62	2.90	2.22	0.20	3.6	1.0	5860292
Dissolved Antimony (Sb)	ug/L	1.00	0.071	<0.020	0.704	0.020	<0.10	0.10	5860292
Dissolved Arsenic (As)	ug/L	2.48	121	1.88	122	0.020	3.06	0.10	5860292
Dissolved Barium (Ba)	ug/L	83.1	42.9	17.6	42.1	0.020	19.3	0.10	5860292
Dissolved Beryllium (Be)	ug/L	<0.010	<0.010	<0.010	<0.010	0.010	<0.050	0.050	5860292
Dissolved Bismuth (Bi)	ug/L	<0.0050	<0.0050	<0.0050	<0.0050	0.0050	<0.025	0.025	5860292
Dissolved Boron (B)	ug/L	<50	<50	<50	<50	50	<250	250	5860292
Dissolved Cadmium (Cd)	ug/L	0.131	0.0220	<0.0050	<0.0050	0.0050	0.641	0.025	5860292
Dissolved Chromium (Cr)	ug/L	0.15	<0.10	<0.10	<0.10	0.10	<0.50	0.50	5860292
Dissolved Cobalt (Co)	ug/L	0.145	1.10	0.0216	0.251	0.0050	30.3	0.025	5860292
Dissolved Copper (Cu)	ug/L	5.81	0.126	0.094	<0.050	0.050	<0.25	0.25	5860292
Dissolved Iron (Fe)	ug/L	17.2	7110	288	1820	1.0	17100	5.0	5860292
Dissolved Lead (Pb)	ug/L	3.20	2.04	0.0477	0.443	0.0050	0.029	0.025	5860292
Dissolved Lithium (Li)	ug/L	7.28	7.60	3.42	7.67	0.50	26.3	2.5	5860292
Dissolved Manganese (Mn)	ug/L	117	535	12.8	90.4	0.050	39600	0.25	5860292
Dissolved Molybdenum (Mo)	ug/L	7.60	2.41	0.320	8.83	0.050	0.48	0.25	5860292
Dissolved Nickel (Ni)	ug/L	7.89	1.14	0.074	0.274	0.020	33.4	0.10	5860292
Dissolved Selenium (Se)	ug/L	0.258	<0.040	<0.040	<0.040	0.040	<0.20	0.20	5860292
Dissolved Silicon (Si)	ug/L	4110	7350	5600	6570	100	9250	500	5860292
Dissolved Silver (Ag)	ug/L	0.0054	<0.0050	<0.0050	<0.0050	0.0050	<0.025	0.025	5860292
Dissolved Strontium (Sr)	ug/L	459	761	552	847	0.050	1510	0.25	5860292
Dissolved Thallium (Tl)	ug/L	0.0359	0.0073	<0.0020	0.0030	0.0020	0.034	0.010	5860292
Dissolved Tin (Sn)	ug/L	<0.20	<0.20	<0.20	<0.20	0.20	<1.0	1.0	5860292
Dissolved Titanium (Ti)	ug/L	<0.50	<0.50	<0.50	<0.50	0.50	<2.5	2.5	5860292
Dissolved Uranium (U)	ug/L	5.87	3.03	5.69	4.25	0.0020	7.10	0.010	5860292
Dissolved Vanadium (V)	ug/L	0.21	<0.20	<0.20	<0.20	0.20	<1.0	1.0	5860292
Dissolved Zinc (Zn)	ug/L	16.3	3.67	3.72	88.2	0.10	5.47	0.50	5860292
Dissolved Zirconium (Zr)	ug/L	0.33	<0.10	<0.10	<0.10	0.10	<0.50	0.50	5860292
Dissolved Calcium (Ca)	mg/L	87.0	135	40.9	57.0	0.050	561	0.25	5854710
Dissolved Magnesium (Mg)	mg/L	24.1	41.2	8.99	11.8	0.050	131	0.25	5854710
Dissolved Potassium (K)	mg/L	2.00	2.35	1.00	1.17	0.050	8.50	0.25	5854710

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7128	DL7129	DL7139	DL7140		DL7141		
Sampling Date									
COC Number		08351401	08351401	08351402	08351402		08351402		
	Units	P09-LCD4	P09-LCD6	P09-VC1	P09-VC2	RDL	P05-01-05	RDL	QC Batch
Dissolved Sodium (Na)	mg/L	93.8	6.83	20.6	5.99	0.050	36.5	0.25	5854710
Dissolved Sulphur (S)	mg/L	67	92	22	14	10	592	50	5854710
RDL = Reportable Detection Limit									

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7142		DL7143	DL7144	DL7145	DL7146		
Sampling Date									
COC Number		08351402		08351402	08351402	08351402	08351402		
	Units	P03-09-02	RDL	P03-09-04	P03-09-06	P03-09-08	P03-09-09	RDL	QC Batch

Misc. Inorganics									
Dissolved Hardness (CaCO ₃)	mg/L	789	0.50	874	1010	947	1030	0.50	5855102
Dissolved Metals by ICPMS									
Dissolved Aluminum (Al)	ug/L	3.14	0.20	2.8	2.4	3.5	2.3	1.0	5860292
Dissolved Antimony (Sb)	ug/L	<0.020	0.020	<0.10	<0.10	<0.10	<0.10	0.10	5860292
Dissolved Arsenic (As)	ug/L	1.90	0.020	0.40	0.35	0.44	0.22	0.10	5860292
Dissolved Barium (Ba)	ug/L	35.6	0.020	37.4	36.7	29.5	31.3	0.10	5860292
Dissolved Beryllium (Be)	ug/L	0.027	0.010	<0.050	<0.050	<0.050	<0.050	0.050	5860292
Dissolved Bismuth (Bi)	ug/L	<0.0050	0.0050	<0.025	<0.025	<0.025	<0.025	0.025	5860292
Dissolved Boron (B)	ug/L	<50	50	<250	<250	<250	<250	250	5860292
Dissolved Cadmium (Cd)	ug/L	0.0100	0.0050	0.678	0.397	0.733	1.26	0.025	5860292
Dissolved Chromium (Cr)	ug/L	<0.10	0.10	<0.50	<0.50	<0.50	<0.50	0.50	5860292
Dissolved Cobalt (Co)	ug/L	0.277	0.0050	5.15	1.96	4.90	4.86	0.025	5860292
Dissolved Copper (Cu)	ug/L	<0.050	0.050	0.58	0.31	0.33	<0.25	0.25	5860292
Dissolved Iron (Fe)	ug/L	7920	1.0	23.2	26.1	505	66.7	5.0	5860292
Dissolved Lead (Pb)	ug/L	0.0140	0.0050	<0.025	<0.025	0.120	0.040	0.025	5860292
Dissolved Lithium (Li)	ug/L	37.5	0.50	12.5	15.9	15.2	15.0	2.5	5860292
Dissolved Manganese (Mn)	ug/L	1160	0.050	9400	12900	14200	13600	0.25	5860292
Dissolved Molybdenum (Mo)	ug/L	0.567	0.050	0.76	0.96	1.00	0.85	0.25	5860292
Dissolved Nickel (Ni)	ug/L	0.837	0.020	17.2	22.6	20.0	21.1	0.10	5860292
Dissolved Selenium (Se)	ug/L	<0.040	0.040	<0.20	<0.20	<0.20	<0.20	0.20	5860292
Dissolved Silicon (Si)	ug/L	7210	100	7010	7290	6700	7620	500	5860292
Dissolved Silver (Ag)	ug/L	<0.0050	0.0050	<0.025	<0.025	<0.025	<0.025	0.025	5860292
Dissolved Strontium (Sr)	ug/L	1070	0.050	647	768	771	724	0.25	5860292
Dissolved Thallium (Tl)	ug/L	<0.0020	0.0020	0.014	<0.010	<0.010	<0.010	0.010	5860292
Dissolved Tin (Sn)	ug/L	<0.20	0.20	<1.0	<1.0	<1.0	<1.0	1.0	5860292
Dissolved Titanium (Ti)	ug/L	<0.50	0.50	<2.5	<2.5	<2.5	<2.5	2.5	5860292
Dissolved Uranium (U)	ug/L	2.67	0.0020	9.07	8.41	8.68	8.00	0.010	5860292
Dissolved Vanadium (V)	ug/L	<0.20	0.20	<1.0	<1.0	<1.0	<1.0	1.0	5860292
Dissolved Zinc (Zn)	ug/L	4.85	0.10	3.90	4.40	5.05	4.52	0.50	5860292
Dissolved Zirconium (Zr)	ug/L	0.42	0.10	<0.50	<0.50	<0.50	<0.50	0.50	5860292
Dissolved Calcium (Ca)	mg/L	214	0.050	257	295	275	307	0.25	5854710
Dissolved Magnesium (Mg)	mg/L	61.5	0.050	56.1	65.9	63.2	63.3	0.25	5854710
Dissolved Potassium (K)	mg/L	4.04	0.050	4.68	5.07	5.02	4.92	0.25	5854710

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7142		DL7143	DL7144	DL7145	DL7146		
Sampling Date									
COC Number		08351402		08351402	08351402	08351402	08351402		
	Units	P03-09-02	RDL	P03-09-04	P03-09-06	P03-09-08	P03-09-09	RDL	QC Batch

Dissolved Sodium (Na)	mg/L	42.1	0.050	27.7	32.9	31.5	31.5	0.25	5854710
Dissolved Sulphur (S)	mg/L	201	10	231	274	281	272	50	5854710

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7147	DL7148		DL7149		DL7150		
Sampling Date									
COC Number		08351402	08351402		08351402		08351402		
	Units	P03-06-01	P03-06-02	RDL	P03-06-03	RDL	P03-06-04	RDL	QC Batch

Misc. Inorganics									
Dissolved Hardness (CaCO ₃)	mg/L	2160	2200	0.50	1750	0.50	1500	0.50	5855102
Dissolved Metals by ICPMS									
Dissolved Aluminum (Al)	ug/L	572	432	10	623	4.0	13.6	2.0	5860292
Dissolved Antimony (Sb)	ug/L	<1.0	<1.0	1.0	<0.40	0.40	<0.20	0.20	5860292
Dissolved Arsenic (As)	ug/L	<1.0	1.9	1.0	1.68	0.40	1.45	0.20	5860292
Dissolved Barium (Ba)	ug/L	14.1	12.5	1.0	9.54	0.40	17.7	0.20	5860292
Dissolved Beryllium (Be)	ug/L	0.87	0.83	0.50	1.86	0.20	<0.10	0.10	5860292
Dissolved Bismuth (Bi)	ug/L	<0.25	<0.25	0.25	<0.10	0.10	<0.050	0.050	5860292
Dissolved Boron (B)	ug/L	<2500	<2500	2500	<1000	1000	<500	500	5860292
Dissolved Cadmium (Cd)	ug/L	35.1	30.6	0.25	33.7	0.10	3.63	0.050	5860292
Dissolved Chromium (Cr)	ug/L	<5.0	<5.0	5.0	<2.0	2.0	<1.0	1.0	5860292
Dissolved Cobalt (Co)	ug/L	2060	1420	0.25	716	0.10	288	0.050	5860292
Dissolved Copper (Cu)	ug/L	<2.5	<2.5	2.5	4.3	1.0	2.62	0.50	5860292
Dissolved Iron (Fe)	ug/L	371000	847000	50	1230000	20	447000	10	5860292
Dissolved Lead (Pb)	ug/L	5.67	6.36	0.25	4.67	0.10	0.930	0.050	5860292
Dissolved Lithium (Li)	ug/L	63	65	25	76	10	40.1	5.0	5860292
Dissolved Manganese (Mn)	ug/L	213000	165000	2.5	92800	1.0	54500	0.50	5860292
Dissolved Molybdenum (Mo)	ug/L	<2.5	<2.5	2.5	<1.0	1.0	0.97	0.50	5860292
Dissolved Nickel (Ni)	ug/L	3020	2090	1.0	785	0.40	264	0.20	5860292
Dissolved Selenium (Se)	ug/L	<2.0	<2.0	2.0	<0.80	0.80	<0.40	0.40	5860292
Dissolved Silicon (Si)	ug/L	24200	22500	5000	18700	2000	9690	1000	5860292
Dissolved Silver (Ag)	ug/L	<0.25	<0.25	0.25	<0.10	0.10	<0.050	0.050	5860292
Dissolved Strontium (Sr)	ug/L	2140	1990	2.5	1590	1.0	1220	0.50	5860292
Dissolved Thallium (Tl)	ug/L	0.11	<0.10	0.10	0.100	0.040	0.097	0.020	5860292
Dissolved Tin (Sn)	ug/L	<10	<10	10	<4.0	4.0	<2.0	2.0	5860292
Dissolved Titanium (Ti)	ug/L	<25	<25	25	<10	10	<5.0	5.0	5860292
Dissolved Uranium (U)	ug/L	1.33	1.71	0.10	2.55	0.040	21.6	0.020	5860292
Dissolved Vanadium (V)	ug/L	<10	<10	10	<4.0	4.0	<2.0	2.0	5860292
Dissolved Zinc (Zn)	ug/L	15300	19500	5.0	26200	2.0	9160	1.0	5860292
Dissolved Zirconium (Zr)	ug/L	<5.0	<5.0	5.0	<2.0	2.0	<1.0	1.0	5860292
Dissolved Calcium (Ca)	mg/L	553	576	2.5	447	1.0	431	0.50	5854710
Dissolved Magnesium (Mg)	mg/L	189	184	2.5	154	1.0	102	0.50	5854710
Dissolved Potassium (K)	mg/L	6.2	6.4	2.5	7.1	1.0	5.28	0.50	5854710
RDL = Reportable Detection Limit									

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7147	DL7148		DL7149		DL7150		
Sampling Date									
COC Number		08351402	08351402		08351402		08351402		
	Units	P03-06-01	P03-06-02	RDL	P03-06-03	RDL	P03-06-04	RDL	QC Batch
Dissolved Sodium (Na)	mg/L	31.4	27.5	2.5	20.6	1.0	19.4	0.50	5854710
Dissolved Sulphur (S)	mg/L	972	1170	500	1230	200	677	100	5854710
RDL = Reportable Detection Limit									

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7161			DL7162		DL7163		
Sampling Date									
COC Number		08351403			08351403		08351403		
	Units	P03-06-05	RDL	QC Batch	P03-06-06	RDL	DUP 1	RDL	QC Batch
Misc. Inorganics									
Dissolved Hardness (CaCO ₃)	mg/L	2490	0.50	5855102	11800	0.50	132	0.50	5855102
Dissolved Metals by ICPMS									
Dissolved Aluminum (Al)	ug/L	15	10	5860292	893	100	2.23	0.20	5861187
Dissolved Antimony (Sb)	ug/L	<1.0	1.0	5860292	<10	10	0.037	0.020	5861187
Dissolved Arsenic (As)	ug/L	12.7	1.0	5860292	87	10	1.60	0.020	5861187
Dissolved Barium (Ba)	ug/L	5.9	1.0	5860292	<10	10	16.5	0.020	5861187
Dissolved Beryllium (Be)	ug/L	<0.50	0.50	5860292	<5.0	5.0	<0.010	0.010	5861187
Dissolved Bismuth (Bi)	ug/L	<0.25	0.25	5860292	<2.5	2.5	<0.0050	0.0050	5861187
Dissolved Boron (B)	ug/L	<2500	2500	5860292	<25000	25000	<50	50	5861187
Dissolved Cadmium (Cd)	ug/L	0.90	0.25	5860292	29.0	2.5	<0.0050	0.0050	5861187
Dissolved Chromium (Cr)	ug/L	<5.0	5.0	5860292	<50	50	<0.10	0.10	5861187
Dissolved Cobalt (Co)	ug/L	245	0.25	5860292	1380	2.5	0.0105	0.0050	5861187
Dissolved Copper (Cu)	ug/L	4.3	2.5	5860292	36	25	<0.050	0.050	5861187
Dissolved Iron (Fe)	ug/L	704000	50	5860292	1200000	500	33.7	1.0	5861187
Dissolved Lead (Pb)	ug/L	6.44	0.25	5860292	268	2.5	0.0619	0.0050	5861187
Dissolved Lithium (Li)	ug/L	59	25	5860292	321	250	3.32	0.50	5861187
Dissolved Manganese (Mn)	ug/L	71000	2.5	5860292	335000	25	12.7	0.050	5861187
Dissolved Molybdenum (Mo)	ug/L	<2.5	2.5	5860292	<25	25	0.368	0.050	5861187
Dissolved Nickel (Ni)	ug/L	351	1.0	5860292	2210	10	0.048	0.020	5861187
Dissolved Selenium (Se)	ug/L	<2.0	2.0	5860292	<20	20	<0.040	0.040	5861187
Dissolved Silicon (Si)	ug/L	7170	5000	5860292	<50000	50000	5270	100	5861187
Dissolved Silver (Ag)	ug/L	<0.25	0.25	5860292	<2.5	2.5	<0.0050	0.0050	5861187
Dissolved Strontium (Sr)	ug/L	645	2.5	5860292	251	25	530	0.050	5861187
Dissolved Thallium (Tl)	ug/L	<0.10	0.10	5860292	<1.0	1.0	<0.0020	0.0020	5861187
Dissolved Tin (Sn)	ug/L	<10	10	5860292	<100	100	<0.20	0.20	5861187
Dissolved Titanium (Ti)	ug/L	<25	25	5860292	<250	250	<0.50	0.50	5861187
Dissolved Uranium (U)	ug/L	27.6	0.10	5860292	6.3	1.0	5.55	0.0020	5861187
Dissolved Vanadium (V)	ug/L	<10	10	5860292	<100	100	<0.20	0.20	5861187
Dissolved Zinc (Zn)	ug/L	400000	5.0	5860292	2660000	50	1.78	0.10	5861187
Dissolved Zirconium (Zr)	ug/L	<5.0	5.0	5860292	<50	50	<0.10	0.10	5861187
Dissolved Calcium (Ca)	mg/L	273	2.5	5854710	375	25	38.9	0.050	5854710
Dissolved Magnesium (Mg)	mg/L	438	2.5	5854710	2640	25	8.37	0.050	5854710
Dissolved Potassium (K)	mg/L	6.9	2.5	5854710	<25	25	0.986	0.050	5854710
RDL = Reportable Detection Limit									

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7161			DL7162		DL7163		
Sampling Date									
COC Number		08351403			08351403		08351403		
	Units	P03-06-05	RDL	QC Batch	P03-06-06	RDL	DUP 1	RDL	QC Batch
Dissolved Sodium (Na)	mg/L	42.8	2.5	5854710	120	25	19.3	0.050	5854710
Dissolved Sulphur (S)	mg/L	1280	500	5854710	5710	5000	20	10	5854710
RDL = Reportable Detection Limit									

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7164	DL7165	DL7166		DL7167		
Sampling Date								
COC Number		08351403	08351403	08351403		08351403		
	Units	DUP 2	DUP 3	DUP 4	RDL	DUP 5	RDL	QC Batch
Misc. Inorganics								
Dissolved Hardness (CaCO ₃)	mg/L	2070	1320	1880	0.50	566	0.50	5855102
Dissolved Metals by ICPMS								
Dissolved Aluminum (Al)	ug/L	3.2	8.0	3.5	1.0	36.4	0.20	5861187
Dissolved Antimony (Sb)	ug/L	0.39	<0.10	<0.10	0.10	0.027	0.020	5861187
Dissolved Arsenic (As)	ug/L	0.88	1.91	3.06	0.10	3.31	0.020	5861187
Dissolved Barium (Ba)	ug/L	11.9	20.4	19.1	0.10	14.8	0.020	5861187
Dissolved Beryllium (Be)	ug/L	<0.050	<0.050	<0.050	0.050	1.01	0.010	5861187
Dissolved Bismuth (Bi)	ug/L	<0.025	<0.025	<0.025	0.025	<0.0050	0.0050	5861187
Dissolved Boron (B)	ug/L	<250	<250	<250	250	<50	50	5861187
Dissolved Cadmium (Cd)	ug/L	0.148	<0.025	0.644	0.025	0.0891	0.0050	5861187
Dissolved Chromium (Cr)	ug/L	<0.50	<0.50	<0.50	0.50	<0.10	0.10	5861187
Dissolved Cobalt (Co)	ug/L	0.076	0.840	28.0	0.025	10.2	0.0050	5861187
Dissolved Copper (Cu)	ug/L	0.99	0.86	<0.25	0.25	2.47	0.050	5861187
Dissolved Iron (Fe)	ug/L	28.1	11400	16800	5.0	25800	1.0	5861187
Dissolved Lead (Pb)	ug/L	0.211	0.161	0.042	0.025	0.159	0.0050	5861187
Dissolved Lithium (Li)	ug/L	27.2	21.0	25.4	2.5	64.0	0.50	5861187
Dissolved Manganese (Mn)	ug/L	12.2	6240	37300	0.25	1300	0.050	5861187
Dissolved Molybdenum (Mo)	ug/L	1.24	0.48	0.62	0.25	0.112	0.050	5861187
Dissolved Nickel (Ni)	ug/L	6.00	1.95	32.0	0.10	24.6	0.020	5861187
Dissolved Selenium (Se)	ug/L	1.15	<0.20	<0.20	0.20	<0.040	0.040	5861187
Dissolved Silicon (Si)	ug/L	5780	7210	9080	500	14700	100	5861187
Dissolved Silver (Ag)	ug/L	<0.025	<0.025	<0.025	0.025	<0.0050	0.0050	5861187
Dissolved Strontium (Sr)	ug/L	1200	1090	1470	0.25	674	0.050	5861187
Dissolved Thallium (Tl)	ug/L	0.025	<0.010	0.030	0.010	<0.0020	0.0020	5861187
Dissolved Tin (Sn)	ug/L	<1.0	<1.0	<1.0	1.0	0.63	0.20	5861187
Dissolved Titanium (Ti)	ug/L	<2.5	<2.5	<2.5	2.5	<0.50	0.50	5861187
Dissolved Uranium (U)	ug/L	98.9	6.09	7.15	0.010	0.879	0.0020	5861187
Dissolved Vanadium (V)	ug/L	1.3	1.1	<1.0	1.0	<0.20	0.20	5861187
Dissolved Zinc (Zn)	ug/L	17.1	2.35	6.13	0.50	1250	0.10	5861187
Dissolved Zirconium (Zr)	ug/L	<0.50	<0.50	<0.50	0.50	<0.10	0.10	5861187
Dissolved Calcium (Ca)	mg/L	424	414	552	0.25	141	0.050	5854710
Dissolved Magnesium (Mg)	mg/L	245	70.9	122	0.25	52.1	0.050	5854710
Dissolved Potassium (K)	mg/L	4.69	5.65	8.01	0.25	4.80	0.050	5854710
RDL = Reportable Detection Limit								

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7164	DL7165	DL7166		DL7167		
Sampling Date								
COC Number		08351403	08351403	08351403		08351403		
	Units	DUP 2	DUP 3	DUP 4	RDL	DUP 5	RDL	QC Batch
Dissolved Sodium (Na)	mg/L	8.95	43.1	35.1	0.25	9.70	0.050	5854710
Dissolved Sulphur (S)	mg/L	527	373	566	50	119	10	5854710
RDL = Reportable Detection Limit								

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7168		DL7169		
Sampling Date						
COC Number		08351403		08351403		
	Units	FIELD BLANK	QC Batch	TRAVEL BLANK	RDL	QC Batch

Misc. Inorganics						
Dissolved Hardness (CaCO ₃)	mg/L	<0.50	5855102	<0.50	0.50	5855102
Dissolved Metals by ICPMS						
Dissolved Aluminum (Al)	ug/L	1.83	5861187	<0.20	0.20	5861187
Dissolved Antimony (Sb)	ug/L	<0.020	5861187	<0.020	0.020	5861187
Dissolved Arsenic (As)	ug/L	<0.020	5861187	<0.020	0.020	5861187
Dissolved Barium (Ba)	ug/L	0.164	5861187	<0.020	0.020	5861187
Dissolved Beryllium (Be)	ug/L	<0.010	5861187	<0.010	0.010	5861187
Dissolved Bismuth (Bi)	ug/L	<0.0050	5861187	<0.0050	0.0050	5861187
Dissolved Boron (B)	ug/L	<50	5861187	<50	50	5861187
Dissolved Cadmium (Cd)	ug/L	<0.0050	5861187	<0.0050	0.0050	5861187
Dissolved Chromium (Cr)	ug/L	<0.10	5861187	<0.10	0.10	5861187
Dissolved Cobalt (Co)	ug/L	<0.0050	5861187	<0.0050	0.0050	5861187
Dissolved Copper (Cu)	ug/L	<0.050	5861187	<0.050	0.050	5861187
Dissolved Iron (Fe)	ug/L	32.2	5873060	<1.0	1.0	5861187
Dissolved Lead (Pb)	ug/L	0.0755	5861187	<0.0050	0.0050	5861187
Dissolved Lithium (Li)	ug/L	<0.50	5861187	<0.50	0.50	5861187
Dissolved Manganese (Mn)	ug/L	1.42	5873060	<0.050	0.050	5861187
Dissolved Molybdenum (Mo)	ug/L	<0.050	5861187	<0.050	0.050	5861187
Dissolved Nickel (Ni)	ug/L	<0.020	5861187	<0.020	0.020	5861187
Dissolved Selenium (Se)	ug/L	<0.040	5861187	<0.040	0.040	5861187
Dissolved Silicon (Si)	ug/L	<100	5861187	<100	100	5861187
Dissolved Silver (Ag)	ug/L	<0.0050	5861187	<0.0050	0.0050	5861187
Dissolved Strontium (Sr)	ug/L	0.063	5861187	<0.050	0.050	5861187
Dissolved Thallium (Tl)	ug/L	<0.0020	5861187	<0.0020	0.0020	5861187
Dissolved Tin (Sn)	ug/L	<0.20	5861187	<0.20	0.20	5861187
Dissolved Titanium (Ti)	ug/L	<0.50	5861187	<0.50	0.50	5861187
Dissolved Uranium (U)	ug/L	<0.0020	5861187	<0.0020	0.0020	5861187
Dissolved Vanadium (V)	ug/L	<0.20	5861187	<0.20	0.20	5861187
Dissolved Zinc (Zn)	ug/L	3.80	5873060	<0.10	0.10	5861187
Dissolved Zirconium (Zr)	ug/L	<0.10	5861187	<0.10	0.10	5861187
Dissolved Calcium (Ca)	mg/L	0.094	5854710	<0.050	0.050	5854710
Dissolved Magnesium (Mg)	mg/L	<0.050	5854710	<0.050	0.050	5854710

RDL = Reportable Detection Limit

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

LOW LEVEL DISSOLVED METALS IN WATER (WATER)

Maxxam ID		DL7168		DL7169		
Sampling Date						
COC Number		08351403		08351403		
	Units	FIELD BLANK	QC Batch	TRAVEL BLANK	RDL	QC Batch
Dissolved Potassium (K)	mg/L	<0.050	5854710	<0.050	0.050	5854710
Dissolved Sodium (Na)	mg/L	<0.050	5854710	<0.050	0.050	5854710
Dissolved Sulphur (S)	mg/L	<10	5854710	<10	10	5854710
RDL = Reportable Detection Limit						

[illegible]

Sample DL7115-01: The BC-MOE and APHA Standard Method require pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the BC-MOE/APHA Standard Method holding time.

Sample DL7145-01: The BC-MOE and APHA Standard Method require pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the BC-MOE/APHA Standard Method holding time.

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

Sample DL7146-01: The BC-MOE and APHA Standard Method require pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the BC-MOE/APHA Standard Method holding time.

Sample DL7147-01: The BC-MOE and APHA Standard Method require pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the BC-MOE/APHA Standard Method holding time.

Sample DL7148-01: The BC-MOE and APHA Standard Method require pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the BC-MOE/APHA Standard Method holding time.

Sample DL7149-01: The BC-MOE and APHA Standard Method require pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the BC-MOE/APHA Standard Method holding time.

Sample DL7150-01: The BC-MOE and APHA Standard Method require pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the BC-MOE/APHA Standard Method holding time.

Sample DL7161-01: The BC-MOE and APHA Standard Method require pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the BC-MOE/APHA Standard Method holding time.

Sample DL7162-01: The BC-MOE and APHA Standard Method require pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the BC-MOE/APHA Standard Method holding time.

Sample DL7165-01: The BC-MOE and APHA Standard Method require pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the BC-MOE/APHA Standard Method holding time.

Sample DL7166-01: The BC-MOE and APHA Standard Method require pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the BC-MOE/APHA Standard Method holding time.

Sample DL7167-01: The BC-MOE and APHA Standard Method require pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the BC-MOE/APHA Standard Method holding time.

Sample DL7168-01: The BC-MOE and APHA Standard Method require pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the BC-MOE/APHA Standard Method holding time.

Sample DL7169-01: The BC-MOE and APHA Standard Method require pH to be analysed within 15 minutes of sampling and therefore field analysis is required for compliance. All Laboratory pH analyses in this report are reported past the BC-MOE/APHA Standard Method holding time.

LOW LEVEL DISSOLVED METALS IN WATER (WATER) Comments

Sample DL7081-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.

Sample DL7082-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.

Sample DL7083-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.

Sample DL7084-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.

Sample DL7087-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.

Sample DL7088-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.

Sample DL7090-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.

Sample DL7091-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.

Sample DL7092-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.

Sample DL7093-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.

Sample DL7094-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.

Sample DL7095-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

Sample	DL7096-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7097-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7098-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7100-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7103-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7105-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7108-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7109-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7110-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7111-01 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7112-01 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7113-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7114-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7116-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7117-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7118-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7121-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7122-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7124-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7125-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7141-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7143-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7144-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7145-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7146-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7147-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7148-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7149-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7150-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7161-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.
Sample	DL7162-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.

Maxxam Job #: B241438
Report Date: 2012/05/29

LABERGE ENVIRONMENTAL SERVICES
Client Project #: FARO GROUNDWATER MONITORING PR
Site Location: FARO, YUKON

Sample DL7164-01 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.

Sample DL7165-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.

Sample DL7166-03 Elements by ICPMS Low Level (dissolved): RDL raised due to sample matrix interference.

Sample DL7168, Elements by ICPMS Low Level (dissolved): Test repeated.

Results relate only to the items tested.

LABERGE ENVIRONMENTAL SERVICES

Attention: Bonnie Burns

Client Project #: FARO GROUNDWATER MONITORING PR

P.O. #:

Site Location: FARO, YUKON

Quality Assurance Report

Maxxam Job Number: VB241438

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
5856623 ZY1	Spiked Blank	Total Suspended Solids	2012/05/22		101	%	80 - 120
	Method Blank	Total Suspended Solids	2012/05/22	<1.0		mg/L	
5858338 MM3	Spiked Blank	Conductivity	2012/05/22		99	%	80 - 120
	Method Blank	Conductivity	2012/05/22	<1.0		uS/cm	
	RPD [DL7084-02]	Conductivity	2012/05/23	0.3		%	20
	RPD [DL7126-02]	Conductivity	2012/05/22	0.4		%	20
5858339 MM3	Matrix Spike	Alkalinity (Total as CaCO3)	2012/05/22		NC	%	80 - 120
	Spiked Blank	Alkalinity (Total as CaCO3)	2012/05/22		94	%	80 - 120
	Method Blank	Alkalinity (Total as CaCO3)	2012/05/22	<0.50		mg/L	
		Alkalinity (PP as CaCO3)	2012/05/22	<0.50		mg/L	
		Bicarbonate (HCO3)	2012/05/22	<0.50		mg/L	
		Carbonate (CO3)	2012/05/22	<0.50		mg/L	
		Hydroxide (OH)	2012/05/22	<0.50		mg/L	
	RPD [DL7084-02]	Alkalinity (Total as CaCO3)	2012/05/23	0.1		%	20
		Alkalinity (PP as CaCO3)	2012/05/23	NC		%	20
		Bicarbonate (HCO3)	2012/05/23	0.1		%	20
		Carbonate (CO3)	2012/05/23	NC		%	20
		Hydroxide (OH)	2012/05/23	NC		%	20
	RPD [DL7126-02]	Alkalinity (Total as CaCO3)	2012/05/22	1.2		%	20
		Alkalinity (PP as CaCO3)	2012/05/22	NC		%	20
		Bicarbonate (HCO3)	2012/05/22	1.2		%	20
		Carbonate (CO3)	2012/05/22	NC		%	20
		Hydroxide (OH)	2012/05/22	NC		%	20
5859220 WAY	Spiked Blank	Acidity (pH 8.3)	2012/05/22		99	%	80 - 120
	Method Blank	Acidity (pH 4.5)	2012/05/22	<0.50		mg/L	
		Acidity (pH 8.3)	2012/05/22	<0.50		mg/L	
	RPD [DL7084-02]	Acidity (pH 4.5)	2012/05/22	NC		%	20
		Acidity (pH 8.3)	2012/05/22	0.1		%	20
	RPD [DL7096-02]	Acidity (pH 4.5)	2012/05/22	NC		%	20
		Acidity (pH 8.3)	2012/05/22	7.7		%	20
	RPD [DL7126-02]	Acidity (pH 4.5)	2012/05/22	NC		%	20
		Acidity (pH 8.3)	2012/05/22	2.9		%	20
5859773 BB3	Spiked Blank	Dissolved Chloride (Cl)	2012/05/22		102	%	80 - 120
	Method Blank	Dissolved Chloride (Cl)	2012/05/22	<0.50		mg/L	
	RPD [DL7119-02]	Dissolved Chloride (Cl)	2012/05/22	NC		%	20
	RPD [DL7120-02]	Dissolved Chloride (Cl)	2012/05/22	NC		%	20
	RPD [DL7161-02]	Dissolved Chloride (Cl)	2012/05/22	1.6		%	20
	RPD [DL7162-02]	Dissolved Chloride (Cl)	2012/05/22	NC		%	20
5859782 BB3	Spiked Blank	Dissolved Sulphate (SO4)	2012/05/22		98	%	80 - 120
	Method Blank	Dissolved Sulphate (SO4)	2012/05/22	<0.50		mg/L	
	RPD	Dissolved Sulphate (SO4)	2012/05/22	1.3		%	20
5859794 AH5	Matrix Spike						
	[DL7099-02]	Alkalinity (Total as CaCO3)	2012/05/22		NC	%	80 - 120
	Spiked Blank	Alkalinity (Total as CaCO3)	2012/05/22		98	%	80 - 120
	Method Blank	Alkalinity (Total as CaCO3)	2012/05/22	<0.50		mg/L	
		Alkalinity (PP as CaCO3)	2012/05/22	<0.50		mg/L	
		Bicarbonate (HCO3)	2012/05/22	<0.50		mg/L	
		Carbonate (CO3)	2012/05/22	<0.50		mg/L	
		Hydroxide (OH)	2012/05/22	<0.50		mg/L	
	RPD [DL7095-02]	Alkalinity (Total as CaCO3)	2012/05/22	10.2		%	20
		Alkalinity (PP as CaCO3)	2012/05/22	NC		%	20
		Bicarbonate (HCO3)	2012/05/22	10.3		%	20
		Carbonate (CO3)	2012/05/22	NC		%	20
		Hydroxide (OH)	2012/05/22	NC		%	20
	RPD [DL7099-02]	Alkalinity (Total as CaCO3)	2012/05/22	1.5		%	20

LABERGE ENVIRONMENTAL SERVICES

Attention: Bonnie Burns

Client Project #: FARO GROUNDWATER MONITORING PR

P.O. #:

Site Location: FARO, YUKON

Quality Assurance Report (Continued)

Maxxam Job Number: VB241438

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
5859794 AH5	RPD [DL7099-02]	Alkalinity (PP as CaCO ₃)	2012/05/22	NC		%	20
		Bicarbonate (HCO ₃)	2012/05/22	1.5		%	20
		Carbonate (CO ₃)	2012/05/22	NC		%	20
		Hydroxide (OH)	2012/05/22	NC		%	20
5859795 AH5	Spiked Blank	Conductivity	2012/05/22		101	%	80 - 120
	Method Blank	Conductivity	2012/05/22	<1.0		uS/cm	
	RPD [DL7095-02]	Conductivity	2012/05/22	0.4		%	20
	RPD [DL7099-02]	Conductivity	2012/05/22	0.4		%	20
5860052 AA1	Matrix Spike	Dissolved Aluminum (Al)	2012/05/24		101	%	80 - 120
		Dissolved Antimony (Sb)	2012/05/24		102	%	80 - 120
		Dissolved Arsenic (As)	2012/05/24		101	%	80 - 120
		Dissolved Barium (Ba)	2012/05/24		101	%	80 - 120
		Dissolved Beryllium (Be)	2012/05/24		97	%	80 - 120
		Dissolved Bismuth (Bi)	2012/05/24		101	%	80 - 120
		Dissolved Cadmium (Cd)	2012/05/24		101	%	80 - 120
		Dissolved Chromium (Cr)	2012/05/24		91	%	80 - 120
		Dissolved Cobalt (Co)	2012/05/24		93	%	80 - 120
		Dissolved Copper (Cu)	2012/05/24		94	%	80 - 120
		Dissolved Iron (Fe)	2012/05/24		101	%	80 - 120
		Dissolved Lead (Pb)	2012/05/24		100	%	80 - 120
		Dissolved Lithium (Li)	2012/05/24		97	%	80 - 120
		Dissolved Manganese (Mn)	2012/05/24		93	%	80 - 120
		Dissolved Molybdenum (Mo)	2012/05/24		93	%	80 - 120
		Dissolved Nickel (Ni)	2012/05/24		95	%	80 - 120
		Dissolved Selenium (Se)	2012/05/24		113	%	80 - 120
		Dissolved Silver (Ag)	2012/05/24		100	%	80 - 120
		Dissolved Strontium (Sr)	2012/05/24		102	%	80 - 120
		Dissolved Thallium (Tl)	2012/05/24		105	%	80 - 120
		Dissolved Tin (Sn)	2012/05/24		102	%	80 - 120
		Dissolved Titanium (Ti)	2012/05/24		97	%	80 - 120
		Dissolved Uranium (U)	2012/05/24		101	%	80 - 120
		Dissolved Vanadium (V)	2012/05/24		91	%	80 - 120
		Dissolved Zinc (Zn)	2012/05/24		102	%	80 - 120
	Spiked Blank	Dissolved Aluminum (Al)	2012/05/24		102	%	80 - 120
		Dissolved Antimony (Sb)	2012/05/24		98	%	80 - 120
		Dissolved Arsenic (As)	2012/05/24		98	%	80 - 120
		Dissolved Barium (Ba)	2012/05/24		101	%	80 - 120
		Dissolved Beryllium (Be)	2012/05/24		93	%	80 - 120
		Dissolved Bismuth (Bi)	2012/05/24		96	%	80 - 120
		Dissolved Cadmium (Cd)	2012/05/24		97	%	80 - 120
		Dissolved Chromium (Cr)	2012/05/24		94	%	80 - 120
		Dissolved Cobalt (Co)	2012/05/24		95	%	80 - 120
		Dissolved Copper (Cu)	2012/05/24		94	%	80 - 120
		Dissolved Iron (Fe)	2012/05/24		101	%	80 - 120
		Dissolved Lead (Pb)	2012/05/24		98	%	80 - 120
		Dissolved Lithium (Li)	2012/05/24		97	%	80 - 120
		Dissolved Manganese (Mn)	2012/05/24		97	%	80 - 120
		Dissolved Molybdenum (Mo)	2012/05/24		92	%	80 - 120
		Dissolved Nickel (Ni)	2012/05/24		98	%	80 - 120
		Dissolved Selenium (Se)	2012/05/24		100	%	80 - 120
		Dissolved Silver (Ag)	2012/05/24		99	%	80 - 120
		Dissolved Strontium (Sr)	2012/05/24		101	%	80 - 120
		Dissolved Thallium (Tl)	2012/05/24		105	%	80 - 120
		Dissolved Tin (Sn)	2012/05/24		101	%	80 - 120
		Dissolved Titanium (Ti)	2012/05/24		95	%	80 - 120

LABERGE ENVIRONMENTAL SERVICES

Attention: Bonnie Burns

Client Project #: FARO GROUNDWATER MONITORING PR

P.O. #:

Site Location: FARO, YUKON

Quality Assurance Report (Continued)

Maxxam Job Number: VB241438

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
5860052 AA1	Spiked Blank	Dissolved Uranium (U)	2012/05/24		100	%	80 - 120
		Dissolved Vanadium (V)	2012/05/24		94	%	80 - 120
		Dissolved Zinc (Zn)	2012/05/24		99	%	80 - 120
	Method Blank	Dissolved Aluminum (Al)	2012/05/24	0.40, RDL=0.20		ug/L	
		Dissolved Antimony (Sb)	2012/05/24	<0.020		ug/L	
		Dissolved Arsenic (As)	2012/05/24	0.040, RDL=0.020		ug/L	
		Dissolved Barium (Ba)	2012/05/24	<0.020		ug/L	
		Dissolved Beryllium (Be)	2012/05/24	<0.010		ug/L	
		Dissolved Bismuth (Bi)	2012/05/24	<0.0050		ug/L	
		Dissolved Boron (B)	2012/05/24	<50		ug/L	
		Dissolved Cadmium (Cd)	2012/05/24	<0.0050		ug/L	
		Dissolved Chromium (Cr)	2012/05/24	<0.10		ug/L	
		Dissolved Cobalt (Co)	2012/05/24	<0.0050		ug/L	
		Dissolved Copper (Cu)	2012/05/24	<0.050		ug/L	
		Dissolved Iron (Fe)	2012/05/24	<1.0		ug/L	
		Dissolved Lead (Pb)	2012/05/24	0.0060, RDL=0.0050		ug/L	
		Dissolved Lithium (Li)	2012/05/24	<0.50		ug/L	
		Dissolved Manganese (Mn)	2012/05/24	<0.050		ug/L	
		Dissolved Molybdenum (Mo)	2012/05/24	<0.050		ug/L	
		Dissolved Nickel (Ni)	2012/05/24	<0.020		ug/L	
		Dissolved Selenium (Se)	2012/05/24	<0.040		ug/L	
		Dissolved Silicon (Si)	2012/05/24	<100		ug/L	
		Dissolved Silver (Ag)	2012/05/24	<0.0050		ug/L	
		Dissolved Strontium (Sr)	2012/05/24	<0.050		ug/L	
		Dissolved Thallium (Tl)	2012/05/24	<0.0020		ug/L	
		Dissolved Tin (Sn)	2012/05/24	<0.20		ug/L	
		Dissolved Titanium (Ti)	2012/05/24	<0.50		ug/L	
		Dissolved Uranium (U)	2012/05/24	<0.0020		ug/L	
		Dissolved Vanadium (V)	2012/05/24	<0.20		ug/L	
		Dissolved Zinc (Zn)	2012/05/24	0.12, RDL=0.10		ug/L	
		Dissolved Zirconium (Zr)	2012/05/24	<0.10		ug/L	
	RPD	Dissolved Aluminum (Al)	2012/05/24	NC		%	20
		Dissolved Antimony (Sb)	2012/05/24	NC		%	20
		Dissolved Arsenic (As)	2012/05/24	NC		%	20
		Dissolved Barium (Ba)	2012/05/24	NC		%	20
		Dissolved Beryllium (Be)	2012/05/24	NC		%	20
		Dissolved Bismuth (Bi)	2012/05/24	NC		%	20
		Dissolved Boron (B)	2012/05/24	NC		%	20
		Dissolved Cadmium (Cd)	2012/05/24	NC		%	20
		Dissolved Chromium (Cr)	2012/05/24	NC		%	20
		Dissolved Cobalt (Co)	2012/05/24	NC		%	20
		Dissolved Copper (Cu)	2012/05/24	NC		%	20
		Dissolved Iron (Fe)	2012/05/24	NC		%	20
		Dissolved Lead (Pb)	2012/05/24	NC		%	20
		Dissolved Lithium (Li)	2012/05/24	NC		%	20
		Dissolved Manganese (Mn)	2012/05/24	NC		%	20
		Dissolved Molybdenum (Mo)	2012/05/24	NC		%	20
		Dissolved Nickel (Ni)	2012/05/24	NC		%	20
		Dissolved Selenium (Se)	2012/05/24	NC		%	20
		Dissolved Silicon (Si)	2012/05/24	NC		%	20
		Dissolved Silver (Ag)	2012/05/24	NC		%	20
		Dissolved Strontium (Sr)	2012/05/24	NC		%	20
		Dissolved Thallium (Tl)	2012/05/24	NC		%	20
		Dissolved Tin (Sn)	2012/05/24	NC		%	20
		Dissolved Titanium (Ti)	2012/05/24	NC		%	20

LABERGE ENVIRONMENTAL SERVICES

Attention: Bonnie Burns

Client Project #: FARO GROUNDWATER MONITORING PR

P.O. #:

Site Location: FARO, YUKON

Quality Assurance Report (Continued)

Maxxam Job Number: VB241438

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
5860052 AA1	RPD	Dissolved Uranium (U)	2012/05/24	NC		%	20
		Dissolved Vanadium (V)	2012/05/24	NC		%	20
		Dissolved Zinc (Zn)	2012/05/24	NC		%	20
		Dissolved Zirconium (Zr)	2012/05/24	NC		%	20
5860057 AA1	Matrix Spike [DL7085-03]	Dissolved Aluminum (Al)	2012/05/26		102	%	80 - 120
		Dissolved Antimony (Sb)	2012/05/26		103	%	80 - 120
		Dissolved Arsenic (As)	2012/05/26		106	%	80 - 120
		Dissolved Barium (Ba)	2012/05/26		NC	%	80 - 120
		Dissolved Beryllium (Be)	2012/05/26		106	%	80 - 120
		Dissolved Bismuth (Bi)	2012/05/26		91	%	80 - 120
		Dissolved Cadmium (Cd)	2012/05/26		98	%	80 - 120
		Dissolved Chromium (Cr)	2012/05/26		101	%	80 - 120
		Dissolved Cobalt (Co)	2012/05/26		98	%	80 - 120
		Dissolved Copper (Cu)	2012/05/26		95	%	80 - 120
		Dissolved Iron (Fe)	2012/05/26		98	%	80 - 120
		Dissolved Lead (Pb)	2012/05/26		97	%	80 - 120
		Dissolved Lithium (Li)	2012/05/26		NC	%	80 - 120
		Dissolved Manganese (Mn)	2012/05/26		NC	%	80 - 120
		Dissolved Molybdenum (Mo)	2012/05/26		NC	%	80 - 120
	Spiked Blank	Dissolved Nickel (Ni)	2012/05/26		97	%	80 - 120
		Dissolved Selenium (Se)	2012/05/26		108	%	80 - 120
		Dissolved Silver (Ag)	2012/05/26		97	%	80 - 120
		Dissolved Strontium (Sr)	2012/05/26		NC	%	80 - 120
		Dissolved Thallium (Tl)	2012/05/26		104	%	80 - 120
		Dissolved Tin (Sn)	2012/05/26		102	%	80 - 120
		Dissolved Titanium (Ti)	2012/05/26		109	%	80 - 120
		Dissolved Uranium (U)	2012/05/26		107	%	80 - 120
		Dissolved Vanadium (V)	2012/05/26		104	%	80 - 120
		Dissolved Zinc (Zn)	2012/05/26		94	%	80 - 120
		Dissolved Aluminum (Al)	2012/05/26		101	%	80 - 120
		Dissolved Antimony (Sb)	2012/05/26		100	%	80 - 120
		Dissolved Arsenic (As)	2012/05/26		100	%	80 - 120
		Dissolved Barium (Ba)	2012/05/26		106	%	80 - 120
		Dissolved Beryllium (Be)	2012/05/26		98	%	80 - 120
		Dissolved Bismuth (Bi)	2012/05/26		97	%	80 - 120
		Dissolved Cadmium (Cd)	2012/05/26		98	%	80 - 120
		Dissolved Chromium (Cr)	2012/05/26		101	%	80 - 120
		Dissolved Cobalt (Co)	2012/05/26		101	%	80 - 120
		Dissolved Copper (Cu)	2012/05/26		103	%	80 - 120
		Dissolved Iron (Fe)	2012/05/26		104	%	80 - 120
		Dissolved Lead (Pb)	2012/05/26		105	%	80 - 120
		Dissolved Lithium (Li)	2012/05/26		99	%	80 - 120
		Dissolved Manganese (Mn)	2012/05/26		100	%	80 - 120
		Dissolved Molybdenum (Mo)	2012/05/26		101	%	80 - 120
		Dissolved Nickel (Ni)	2012/05/26		105	%	80 - 120
		Dissolved Selenium (Se)	2012/05/26		106	%	80 - 120
		Dissolved Silver (Ag)	2012/05/26		98	%	80 - 120
		Dissolved Strontium (Sr)	2012/05/26		102	%	80 - 120
		Dissolved Thallium (Tl)	2012/05/26		108	%	80 - 120
		Dissolved Tin (Sn)	2012/05/26		98	%	80 - 120
		Dissolved Titanium (Ti)	2012/05/26		96	%	80 - 120
		Dissolved Uranium (U)	2012/05/26		107	%	80 - 120
		Dissolved Vanadium (V)	2012/05/26		98	%	80 - 120
		Dissolved Zinc (Zn)	2012/05/26		107	%	80 - 120

LABERGE ENVIRONMENTAL SERVICES

Attention: Bonnie Burns

Client Project #: FARO GROUNDWATER MONITORING PR

P.O. #:

Site Location: FARO, YUKON

Quality Assurance Report (Continued)

Maxxam Job Number: VB241438

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
5860057 AA1	Method Blank	Dissolved Aluminum (Al)	2012/05/26	0.29, RDL=0.20		ug/L	
		Dissolved Antimony (Sb)	2012/05/26	<0.020		ug/L	
		Dissolved Arsenic (As)	2012/05/26	<0.020		ug/L	
		Dissolved Barium (Ba)	2012/05/26	<0.020		ug/L	
		Dissolved Beryllium (Be)	2012/05/26	<0.010		ug/L	
		Dissolved Bismuth (Bi)	2012/05/26	<0.0050		ug/L	
		Dissolved Boron (B)	2012/05/26	<50		ug/L	
		Dissolved Cadmium (Cd)	2012/05/26	<0.0050		ug/L	
		Dissolved Chromium (Cr)	2012/05/26	<0.10		ug/L	
		Dissolved Cobalt (Co)	2012/05/26	<0.0050		ug/L	
		Dissolved Copper (Cu)	2012/05/26	<0.050		ug/L	
		Dissolved Iron (Fe)	2012/05/26	<1.0		ug/L	
		Dissolved Lead (Pb)	2012/05/26	<0.0050		ug/L	
		Dissolved Lithium (Li)	2012/05/26	<0.50		ug/L	
		Dissolved Manganese (Mn)	2012/05/26	0.052, RDL=0.050		ug/L	
		Dissolved Molybdenum (Mo)	2012/05/26	<0.050		ug/L	
		Dissolved Nickel (Ni)	2012/05/26	<0.020		ug/L	
		Dissolved Selenium (Se)	2012/05/26	<0.040		ug/L	
		Dissolved Silicon (Si)	2012/05/26	<100		ug/L	
		Dissolved Silver (Ag)	2012/05/26	<0.0050		ug/L	
		Dissolved Strontium (Sr)	2012/05/26	<0.050		ug/L	
		Dissolved Thallium (Tl)	2012/05/26	<0.0020		ug/L	
		Dissolved Tin (Sn)	2012/05/26	<0.20		ug/L	
		Dissolved Titanium (Ti)	2012/05/26	<0.50		ug/L	
		Dissolved Uranium (U)	2012/05/26	<0.0020		ug/L	
		Dissolved Vanadium (V)	2012/05/26	<0.20		ug/L	
		Dissolved Zinc (Zn)	2012/05/26	<0.10		ug/L	
		Dissolved Zirconium (Zr)	2012/05/26	<0.10		ug/L	
RPD [DL7085-03]		Dissolved Aluminum (Al)	2012/05/26	8.2		%	20
		Dissolved Antimony (Sb)	2012/05/26	NC		%	20
		Dissolved Arsenic (As)	2012/05/26	14.2		%	20
		Dissolved Barium (Ba)	2012/05/26	0.2		%	20
		Dissolved Beryllium (Be)	2012/05/26	NC		%	20
		Dissolved Bismuth (Bi)	2012/05/26	NC		%	20
		Dissolved Boron (B)	2012/05/26	NC		%	20
		Dissolved Cadmium (Cd)	2012/05/26	0.7		%	20
		Dissolved Chromium (Cr)	2012/05/26	NC		%	20
		Dissolved Cobalt (Co)	2012/05/26	1.4		%	20
		Dissolved Copper (Cu)	2012/05/26	0.4		%	20
		Dissolved Iron (Fe)	2012/05/26	0.5		%	20
		Dissolved Lead (Pb)	2012/05/26	NC		%	20
		Dissolved Lithium (Li)	2012/05/26	2.3		%	20
		Dissolved Manganese (Mn)	2012/05/26	1.2		%	20
		Dissolved Molybdenum (Mo)	2012/05/26	2.0		%	20
		Dissolved Nickel (Ni)	2012/05/26	3.4		%	20
		Dissolved Selenium (Se)	2012/05/26	NC		%	20
		Dissolved Silicon (Si)	2012/05/26	0.4		%	20
		Dissolved Silver (Ag)	2012/05/26	NC		%	20
		Dissolved Strontium (Sr)	2012/05/26	0.8		%	20
		Dissolved Thallium (Tl)	2012/05/26	0.08		%	20
		Dissolved Tin (Sn)	2012/05/26	NC		%	20
		Dissolved Titanium (Ti)	2012/05/26	NC		%	20
		Dissolved Uranium (U)	2012/05/26	0.3		%	20
		Dissolved Vanadium (V)	2012/05/26	NC		%	20
		Dissolved Zinc (Zn)	2012/05/26	4.4		%	20

LABERGE ENVIRONMENTAL SERVICES

Attention: Bonnie Burns

Client Project #: FARO GROUNDWATER MONITORING PR

P.O. #:

Site Location: FARO, YUKON

Quality Assurance Report (Continued)

Maxxam Job Number: VB241438

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
5860057 AA1	RPD [DL7085-03]	Dissolved Zirconium (Zr)	2012/05/26	NC		%	20
5860289 AA1	Matrix Spike [DL7107-03]	Dissolved Aluminum (Al)	2012/05/26		96	%	80 - 120
		Dissolved Antimony (Sb)	2012/05/26		101	%	80 - 120
		Dissolved Arsenic (As)	2012/05/26		99	%	80 - 120
		Dissolved Barium (Ba)	2012/05/26		NC	%	80 - 120
		Dissolved Beryllium (Be)	2012/05/26		101	%	80 - 120
		Dissolved Bismuth (Bi)	2012/05/26		100	%	80 - 120
		Dissolved Cadmium (Cd)	2012/05/26		99	%	80 - 120
		Dissolved Chromium (Cr)	2012/05/26		96	%	80 - 120
		Dissolved Cobalt (Co)	2012/05/26		94	%	80 - 120
		Dissolved Copper (Cu)	2012/05/26		93	%	80 - 120
		Dissolved Iron (Fe)	2012/05/26		NC	%	80 - 120
		Dissolved Lead (Pb)	2012/05/26		99	%	80 - 120
		Dissolved Lithium (Li)	2012/05/26		NC	%	80 - 120
		Dissolved Manganese (Mn)	2012/05/26		NC	%	80 - 120
		Dissolved Molybdenum (Mo)	2012/05/26		97	%	80 - 120
		Dissolved Nickel (Ni)	2012/05/26		90	%	80 - 120
		Dissolved Selenium (Se)	2012/05/26		107	%	80 - 120
		Dissolved Silver (Ag)	2012/05/26		99	%	80 - 120
		Dissolved Strontium (Sr)	2012/05/26		NC	%	80 - 120
		Dissolved Thallium (Tl)	2012/05/26		108	%	80 - 120
		Dissolved Tin (Sn)	2012/05/26		100	%	80 - 120
		Dissolved Titanium (Ti)	2012/05/26		97	%	80 - 120
		Dissolved Uranium (U)	2012/05/26		105	%	80 - 120
		Dissolved Vanadium (V)	2012/05/26		96	%	80 - 120
		Dissolved Zinc (Zn)	2012/05/26		NC	%	80 - 120
	Spiked Blank	Dissolved Aluminum (Al)	2012/05/26		103	%	80 - 120
		Dissolved Antimony (Sb)	2012/05/26		102	%	80 - 120
		Dissolved Arsenic (As)	2012/05/26		100	%	80 - 120
		Dissolved Barium (Ba)	2012/05/26		113	%	80 - 120
		Dissolved Beryllium (Be)	2012/05/26		102	%	80 - 120
		Dissolved Bismuth (Bi)	2012/05/26		108	%	80 - 120
		Dissolved Cadmium (Cd)	2012/05/26		102	%	80 - 120
		Dissolved Chromium (Cr)	2012/05/26		98	%	80 - 120
		Dissolved Cobalt (Co)	2012/05/26		101	%	80 - 120
		Dissolved Copper (Cu)	2012/05/26		101	%	80 - 120
		Dissolved Iron (Fe)	2012/05/26		107	%	80 - 120
		Dissolved Lead (Pb)	2012/05/26		107	%	80 - 120
		Dissolved Lithium (Li)	2012/05/26		100	%	80 - 120
		Dissolved Manganese (Mn)	2012/05/26		106	%	80 - 120
		Dissolved Molybdenum (Mo)	2012/05/26		97	%	80 - 120
		Dissolved Nickel (Ni)	2012/05/26		105	%	80 - 120
		Dissolved Selenium (Se)	2012/05/26		106	%	80 - 120
		Dissolved Silver (Ag)	2012/05/26		103	%	80 - 120
		Dissolved Strontium (Sr)	2012/05/26		109	%	80 - 120
		Dissolved Thallium (Tl)	2012/05/26		112	%	80 - 120
		Dissolved Tin (Sn)	2012/05/26		100	%	80 - 120
		Dissolved Titanium (Ti)	2012/05/26		103	%	80 - 120
		Dissolved Uranium (U)	2012/05/26		110	%	80 - 120
		Dissolved Vanadium (V)	2012/05/26		98	%	80 - 120
		Dissolved Zinc (Zn)	2012/05/26		110	%	80 - 120
	Method Blank	Dissolved Aluminum (Al)	2012/05/26	<0.20		ug/L	
		Dissolved Antimony (Sb)	2012/05/26	<0.020		ug/L	
		Dissolved Arsenic (As)	2012/05/26	<0.020		ug/L	

LABERGE ENVIRONMENTAL SERVICES

Attention: Bonnie Burns

Client Project #: FARO GROUNDWATER MONITORING PR

P.O. #:

Site Location: FARO, YUKON

Quality Assurance Report (Continued)

Maxxam Job Number: VB241438

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
5860289 AA1	Method Blank	Dissolved Barium (Ba)	2012/05/26	<0.020		ug/L	
		Dissolved Beryllium (Be)	2012/05/26	<0.010		ug/L	
		Dissolved Bismuth (Bi)	2012/05/26	<0.0050		ug/L	
		Dissolved Boron (B)	2012/05/26	<50		ug/L	
		Dissolved Cadmium (Cd)	2012/05/26	<0.0050		ug/L	
		Dissolved Chromium (Cr)	2012/05/26	<0.10		ug/L	
		Dissolved Cobalt (Co)	2012/05/26	<0.0050		ug/L	
		Dissolved Copper (Cu)	2012/05/26	<0.050		ug/L	
		Dissolved Iron (Fe)	2012/05/26	<1.0		ug/L	
		Dissolved Lead (Pb)	2012/05/26	<0.0050		ug/L	
		Dissolved Lithium (Li)	2012/05/26	<0.50		ug/L	
		Dissolved Manganese (Mn)	2012/05/26	0.081, RDL=0.050		ug/L	
		Dissolved Molybdenum (Mo)	2012/05/26	<0.050		ug/L	
		Dissolved Nickel (Ni)	2012/05/26	<0.020		ug/L	
		Dissolved Selenium (Se)	2012/05/26	<0.040		ug/L	
		Dissolved Silicon (Si)	2012/05/26	<100		ug/L	
		Dissolved Silver (Ag)	2012/05/26	<0.0050		ug/L	
		Dissolved Strontium (Sr)	2012/05/26	<0.050		ug/L	
		Dissolved Thallium (Tl)	2012/05/26	<0.0020		ug/L	
		Dissolved Tin (Sn)	2012/05/26	<0.20		ug/L	
		Dissolved Titanium (Ti)	2012/05/26	<0.50		ug/L	
		Dissolved Uranium (U)	2012/05/26	<0.0020		ug/L	
		Dissolved Vanadium (V)	2012/05/26	<0.20		ug/L	
		Dissolved Zinc (Zn)	2012/05/26	0.13, RDL=0.10		ug/L	
		Dissolved Zirconium (Zr)	2012/05/26	<0.10		ug/L	
	RPD [DL7107-03]	Dissolved Aluminum (Al)	2012/05/26	0.4		%	20
		Dissolved Antimony (Sb)	2012/05/26	NC		%	20
		Dissolved Arsenic (As)	2012/05/26	21.5 (l)		%	20
		Dissolved Barium (Ba)	2012/05/26	1.4		%	20
		Dissolved Beryllium (Be)	2012/05/26	NC		%	20
		Dissolved Bismuth (Bi)	2012/05/26	NC		%	20
		Dissolved Boron (B)	2012/05/26	NC		%	20
		Dissolved Cadmium (Cd)	2012/05/26	NC		%	20
		Dissolved Chromium (Cr)	2012/05/26	NC		%	20
		Dissolved Cobalt (Co)	2012/05/26	1.4		%	20
		Dissolved Copper (Cu)	2012/05/26	NC		%	20
		Dissolved Iron (Fe)	2012/05/26	0.1		%	20
		Dissolved Lead (Pb)	2012/05/26	0.9		%	20
		Dissolved Lithium (Li)	2012/05/26	3.2		%	20
		Dissolved Manganese (Mn)	2012/05/26	1.7		%	20
		Dissolved Molybdenum (Mo)	2012/05/26	NC		%	20
		Dissolved Nickel (Ni)	2012/05/26	2.7		%	20
		Dissolved Selenium (Se)	2012/05/26	NC		%	20
		Dissolved Silicon (Si)	2012/05/26	3.1		%	20
		Dissolved Silver (Ag)	2012/05/26	NC		%	20
		Dissolved Strontium (Sr)	2012/05/26	0.5		%	20
		Dissolved Thallium (Tl)	2012/05/26	NC		%	20
		Dissolved Tin (Sn)	2012/05/26	NC		%	20
		Dissolved Titanium (Ti)	2012/05/26	NC		%	20
		Dissolved Uranium (U)	2012/05/26	4.9		%	20
		Dissolved Vanadium (V)	2012/05/26	NC		%	20
		Dissolved Zinc (Zn)	2012/05/26	0.4		%	20
		Dissolved Zirconium (Zr)	2012/05/26	NC		%	20
5860292 AA1	Matrix Spike [DL7123-03]	Dissolved Aluminum (Al)	2012/05/25		107	%	80 - 120

LABERGE ENVIRONMENTAL SERVICES
Attention: Bonnie Burns
Client Project #: FARO GROUNDWATER MONITORING PR
P.O. #:
Site Location: FARO, YUKON

Quality Assurance Report (Continued)

Maxxam Job Number: VB241438

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
5860292 AA1	Matrix Spike [DL7123-03]	Dissolved Antimony (Sb)	2012/05/25		110	%	80 - 120
		Dissolved Arsenic (As)	2012/05/25		102	%	80 - 120
		Dissolved Barium (Ba)	2012/05/25		NC	%	80 - 120
		Dissolved Beryllium (Be)	2012/05/25		94	%	80 - 120
		Dissolved Bismuth (Bi)	2012/05/25		96	%	80 - 120
		Dissolved Cadmium (Cd)	2012/05/25		101	%	80 - 120
		Dissolved Chromium (Cr)	2012/05/25		102	%	80 - 120
		Dissolved Cobalt (Co)	2012/05/25		98	%	80 - 120
		Dissolved Copper (Cu)	2012/05/25		90	%	80 - 120
		Dissolved Iron (Fe)	2012/05/25		107	%	80 - 120
		Dissolved Lead (Pb)	2012/05/25		98	%	80 - 120
		Dissolved Lithium (Li)	2012/05/25		NC	%	80 - 120
		Dissolved Manganese (Mn)	2012/05/25		101	%	80 - 120
		Dissolved Molybdenum (Mo)	2012/05/25		NC	%	80 - 120
		Dissolved Nickel (Ni)	2012/05/25		93	%	80 - 120
		Dissolved Selenium (Se)	2012/05/25		113	%	80 - 120
		Dissolved Silver (Ag)	2012/05/25		95	%	80 - 120
		Dissolved Strontium (Sr)	2012/05/25		NC	%	80 - 120
		Dissolved Thallium (Tl)	2012/05/25		106	%	80 - 120
		Dissolved Tin (Sn)	2012/05/25		136 (2)	%	80 - 120
		Dissolved Titanium (Ti)	2012/05/25		105	%	80 - 120
		Dissolved Uranium (U)	2012/05/25		NC	%	80 - 120
		Dissolved Vanadium (V)	2012/05/25		108	%	80 - 120
		Dissolved Zinc (Zn)	2012/05/25		92	%	80 - 120
	Spiked Blank	Dissolved Aluminum (Al)	2012/05/25		102	%	80 - 120
		Dissolved Antimony (Sb)	2012/05/25		100	%	80 - 120
		Dissolved Arsenic (As)	2012/05/25		101	%	80 - 120
		Dissolved Barium (Ba)	2012/05/25		99	%	80 - 120
		Dissolved Beryllium (Be)	2012/05/25		97	%	80 - 120
		Dissolved Bismuth (Bi)	2012/05/25		102	%	80 - 120
		Dissolved Cadmium (Cd)	2012/05/25		99	%	80 - 120
		Dissolved Chromium (Cr)	2012/05/25		99	%	80 - 120
		Dissolved Cobalt (Co)	2012/05/25		100	%	80 - 120
		Dissolved Copper (Cu)	2012/05/25		101	%	80 - 120
		Dissolved Iron (Fe)	2012/05/25		114	%	80 - 120
		Dissolved Lead (Pb)	2012/05/25		104	%	80 - 120
		Dissolved Lithium (Li)	2012/05/25		103	%	80 - 120
		Dissolved Manganese (Mn)	2012/05/25		100	%	80 - 120
		Dissolved Molybdenum (Mo)	2012/05/25		95	%	80 - 120
		Dissolved Nickel (Ni)	2012/05/25		100	%	80 - 120
		Dissolved Selenium (Se)	2012/05/25		118	%	80 - 120
		Dissolved Silver (Ag)	2012/05/25		103	%	80 - 120
		Dissolved Strontium (Sr)	2012/05/25		103	%	80 - 120
		Dissolved Thallium (Tl)	2012/05/25		109	%	80 - 120
		Dissolved Tin (Sn)	2012/05/25		103	%	80 - 120
		Dissolved Titanium (Ti)	2012/05/25		97	%	80 - 120
		Dissolved Uranium (U)	2012/05/25		107	%	80 - 120
		Dissolved Vanadium (V)	2012/05/25		98	%	80 - 120
		Dissolved Zinc (Zn)	2012/05/25		106	%	80 - 120
	Method Blank	Dissolved Aluminum (Al)	2012/05/25	<0.20		ug/L	
		Dissolved Antimony (Sb)	2012/05/25	<0.020		ug/L	
		Dissolved Arsenic (As)	2012/05/25	<0.020		ug/L	
		Dissolved Barium (Ba)	2012/05/25	<0.020		ug/L	
		Dissolved Beryllium (Be)	2012/05/25	<0.010		ug/L	

LABERGE ENVIRONMENTAL SERVICES

Attention: Bonnie Burns

Client Project #: FARO GROUNDWATER MONITORING PR

P.O. #:

Site Location: FARO, YUKON

Quality Assurance Report (Continued)

Maxxam Job Number: VB241438

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
5860292 AA1	Method Blank	Dissolved Bismuth (Bi)	2012/05/25	<0.0050		ug/L	
		Dissolved Boron (B)	2012/05/25	<50		ug/L	
		Dissolved Cadmium (Cd)	2012/05/25	<0.0050		ug/L	
		Dissolved Chromium (Cr)	2012/05/25	<0.10		ug/L	
		Dissolved Cobalt (Co)	2012/05/25	<0.0050		ug/L	
		Dissolved Copper (Cu)	2012/05/25	<0.050		ug/L	
		Dissolved Iron (Fe)	2012/05/25	<1.0		ug/L	
		Dissolved Lead (Pb)	2012/05/25	<0.0050		ug/L	
		Dissolved Lithium (Li)	2012/05/25	<0.50		ug/L	
		Dissolved Manganese (Mn)	2012/05/25	<0.050		ug/L	
		Dissolved Molybdenum (Mo)	2012/05/25	<0.050		ug/L	
		Dissolved Nickel (Ni)	2012/05/25	<0.020		ug/L	
		Dissolved Selenium (Se)	2012/05/25	<0.040		ug/L	
		Dissolved Silicon (Si)	2012/05/25	<100		ug/L	
		Dissolved Silver (Ag)	2012/05/25	<0.0050		ug/L	
		Dissolved Strontium (Sr)	2012/05/25	<0.050		ug/L	
		Dissolved Thallium (Tl)	2012/05/25	<0.0020		ug/L	
		Dissolved Tin (Sn)	2012/05/25	<0.20		ug/L	
		Dissolved Titanium (Ti)	2012/05/25	<0.50		ug/L	
		Dissolved Uranium (U)	2012/05/25	<0.0020		ug/L	
		Dissolved Vanadium (V)	2012/05/25	<0.20		ug/L	
		Dissolved Zinc (Zn)	2012/05/25	<0.10		ug/L	
		Dissolved Zirconium (Zr)	2012/05/25	<0.10		ug/L	
	RPD [DL7123-03]	Dissolved Aluminum (Al)	2012/05/25	0.02		%	20
		Dissolved Antimony (Sb)	2012/05/25	0.9		%	20
		Dissolved Arsenic (As)	2012/05/25	10.7		%	20
		Dissolved Barium (Ba)	2012/05/25	0		%	20
		Dissolved Beryllium (Be)	2012/05/25	NC		%	20
		Dissolved Bismuth (Bi)	2012/05/25	NC		%	20
		Dissolved Boron (B)	2012/05/25	NC		%	20
		Dissolved Cadmium (Cd)	2012/05/25	2.7		%	20
		Dissolved Chromium (Cr)	2012/05/25	NC		%	20
		Dissolved Cobalt (Co)	2012/05/25	25.4 (1)		%	20
		Dissolved Copper (Cu)	2012/05/25	0.2		%	20
		Dissolved Iron (Fe)	2012/05/25	6.4		%	20
		Dissolved Lead (Pb)	2012/05/25	2.6		%	20
		Dissolved Lithium (Li)	2012/05/25	4.2		%	20
		Dissolved Manganese (Mn)	2012/05/25	4.7		%	20
		Dissolved Molybdenum (Mo)	2012/05/25	2.2		%	20
		Dissolved Nickel (Ni)	2012/05/25	5.0		%	20
		Dissolved Selenium (Se)	2012/05/25	15.3		%	20
		Dissolved Silicon (Si)	2012/05/25	3.3		%	20
		Dissolved Silver (Ag)	2012/05/25	NC		%	20
		Dissolved Strontium (Sr)	2012/05/25	1.4		%	20
		Dissolved Thallium (Tl)	2012/05/25	NC		%	20
		Dissolved Tin (Sn)	2012/05/25	NC		%	20
		Dissolved Titanium (Ti)	2012/05/25	NC		%	20
		Dissolved Uranium (U)	2012/05/25	2.1		%	20
		Dissolved Vanadium (V)	2012/05/25	NC		%	20
		Dissolved Zinc (Zn)	2012/05/25	13.9		%	20
		Dissolved Zirconium (Zr)	2012/05/25	NC		%	20
5861187 AA1	Matrix Spike [DL7168-03]	Dissolved Aluminum (Al)	2012/05/24		101	%	80 - 120
		Dissolved Antimony (Sb)	2012/05/24		95	%	80 - 120
		Dissolved Arsenic (As)	2012/05/24		99	%	80 - 120

LABERGE ENVIRONMENTAL SERVICES

Attention: Bonnie Burns

Client Project #: FARO GROUNDWATER MONITORING PR

P.O. #:

Site Location: FARO, YUKON

Quality Assurance Report (Continued)

Maxxam Job Number: VB241438

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
5861187 AA1	Matrix Spike [DL7168-03]	Dissolved Barium (Ba)	2012/05/24		100	%	80 - 120
		Dissolved Beryllium (Be)	2012/05/24		97	%	80 - 120
		Dissolved Bismuth (Bi)	2012/05/24		100	%	80 - 120
		Dissolved Cadmium (Cd)	2012/05/24		98	%	80 - 120
		Dissolved Chromium (Cr)	2012/05/24		93	%	80 - 120
		Dissolved Cobalt (Co)	2012/05/24		95	%	80 - 120
		Dissolved Copper (Cu)	2012/05/24		96	%	80 - 120
		Dissolved Iron (Fe)	2012/05/24		98	%	80 - 120
		Dissolved Lead (Pb)	2012/05/24		98	%	80 - 120
		Dissolved Lithium (Li)	2012/05/24		96	%	80 - 120
		Dissolved Manganese (Mn)	2012/05/24		95	%	80 - 120
		Dissolved Molybdenum (Mo)	2012/05/24		105	%	80 - 120
		Dissolved Nickel (Ni)	2012/05/24		96	%	80 - 120
		Dissolved Selenium (Se)	2012/05/24		107	%	80 - 120
		Dissolved Silver (Ag)	2012/05/24		97	%	80 - 120
		Dissolved Strontium (Sr)	2012/05/24		100	%	80 - 120
		Dissolved Thallium (Tl)	2012/05/24		103	%	80 - 120
		Dissolved Tin (Sn)	2012/05/24		119	%	80 - 120
		Dissolved Titanium (Ti)	2012/05/24		93	%	80 - 120
		Dissolved Uranium (U)	2012/05/24		100	%	80 - 120
	Spiked Blank	Dissolved Vanadium (V)	2012/05/24		96	%	80 - 120
		Dissolved Zinc (Zn)	2012/05/24		102	%	80 - 120
		Dissolved Aluminum (Al)	2012/05/24		118	%	80 - 120
		Dissolved Antimony (Sb)	2012/05/24		99	%	80 - 120
		Dissolved Arsenic (As)	2012/05/24		93	%	80 - 120
		Dissolved Barium (Ba)	2012/05/24		101	%	80 - 120
		Dissolved Beryllium (Be)	2012/05/24		94	%	80 - 120
		Dissolved Bismuth (Bi)	2012/05/24		93	%	80 - 120
		Dissolved Cadmium (Cd)	2012/05/24		97	%	80 - 120
		Dissolved Chromium (Cr)	2012/05/24		97	%	80 - 120
		Dissolved Cobalt (Co)	2012/05/24		96	%	80 - 120
		Dissolved Copper (Cu)	2012/05/24		95	%	80 - 120
		Dissolved Iron (Fe)	2012/05/24		104	%	80 - 120
		Dissolved Lead (Pb)	2012/05/24		98	%	80 - 120
		Dissolved Lithium (Li)	2012/05/24		96	%	80 - 120
		Dissolved Manganese (Mn)	2012/05/24		98	%	80 - 120
		Dissolved Molybdenum (Mo)	2012/05/24		101	%	80 - 120
		Dissolved Nickel (Ni)	2012/05/24		100	%	80 - 120
		Dissolved Selenium (Se)	2012/05/24		102	%	80 - 120
	Method Blank	Dissolved Silver (Ag)	2012/05/24		98	%	80 - 120
		Dissolved Strontium (Sr)	2012/05/24		102	%	80 - 120
		Dissolved Thallium (Tl)	2012/05/24		102	%	80 - 120
		Dissolved Tin (Sn)	2012/05/24		101	%	80 - 120
		Dissolved Titanium (Ti)	2012/05/24		90	%	80 - 120
		Dissolved Uranium (U)	2012/05/24		101	%	80 - 120
		Dissolved Vanadium (V)	2012/05/24		95	%	80 - 120
		Dissolved Zinc (Zn)	2012/05/24		103	%	80 - 120
		Dissolved Aluminum (Al)	2012/05/24	0.26, RDL=0.20		ug/L	
		Dissolved Antimony (Sb)	2012/05/24	<0.020		ug/L	
		Dissolved Arsenic (As)	2012/05/24	0.023, RDL=0.020		ug/L	
		Dissolved Barium (Ba)	2012/05/24	<0.020		ug/L	
		Dissolved Beryllium (Be)	2012/05/24	<0.010		ug/L	
		Dissolved Bismuth (Bi)	2012/05/24	<0.0050		ug/L	
		Dissolved Boron (B)	2012/05/24	<50		ug/L	

LABERGE ENVIRONMENTAL SERVICES

Attention: Bonnie Burns

Client Project #: FARO GROUNDWATER MONITORING PR

P.O. #:

Site Location: FARO, YUKON

Quality Assurance Report (Continued)

Maxxam Job Number: VB241438

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
5861187 AA1	Method Blank	Dissolved Cadmium (Cd)	2012/05/24	<0.0050		ug/L	
		Dissolved Chromium (Cr)	2012/05/24	<0.10		ug/L	
		Dissolved Cobalt (Co)	2012/05/24	<0.0050		ug/L	
		Dissolved Copper (Cu)	2012/05/24	<0.050		ug/L	
		Dissolved Iron (Fe)	2012/05/24	<1.0		ug/L	
		Dissolved Lead (Pb)	2012/05/24	0.0052, RDL=0.0050		ug/L	
		Dissolved Lithium (Li)	2012/05/24	<0.50		ug/L	
		Dissolved Manganese (Mn)	2012/05/24	<0.050		ug/L	
		Dissolved Molybdenum (Mo)	2012/05/24	<0.050		ug/L	
		Dissolved Nickel (Ni)	2012/05/24	0.025, RDL=0.020		ug/L	
		Dissolved Selenium (Se)	2012/05/24	<0.040		ug/L	
		Dissolved Silicon (Si)	2012/05/24	<100		ug/L	
		Dissolved Silver (Ag)	2012/05/24	<0.0050		ug/L	
		Dissolved Strontium (Sr)	2012/05/24	<0.050		ug/L	
		Dissolved Thallium (Tl)	2012/05/24	<0.0020		ug/L	
		Dissolved Tin (Sn)	2012/05/24	<0.20		ug/L	
		Dissolved Titanium (Ti)	2012/05/24	<0.50		ug/L	
		Dissolved Uranium (U)	2012/05/24	<0.0020		ug/L	
		Dissolved Vanadium (V)	2012/05/24	<0.20		ug/L	
		Dissolved Zinc (Zn)	2012/05/24	<0.10		ug/L	
	RPD [DL7168-03]	Dissolved Zirconium (Zr)	2012/05/24	<0.10		ug/L	
		Dissolved Aluminum (Al)	2012/05/24	0.8		%	20
		Dissolved Antimony (Sb)	2012/05/24	NC		%	20
		Dissolved Arsenic (As)	2012/05/24	NC		%	20
		Dissolved Barium (Ba)	2012/05/24	3.3		%	20
		Dissolved Beryllium (Be)	2012/05/24	NC		%	20
		Dissolved Bismuth (Bi)	2012/05/24	NC		%	20
		Dissolved Boron (B)	2012/05/24	NC		%	20
		Dissolved Cadmium (Cd)	2012/05/24	NC		%	20
		Dissolved Chromium (Cr)	2012/05/24	NC		%	20
		Dissolved Cobalt (Co)	2012/05/24	NC		%	20
		Dissolved Copper (Cu)	2012/05/24	NC		%	20
		Dissolved Lead (Pb)	2012/05/24	1.5		%	20
		Dissolved Lithium (Li)	2012/05/24	NC		%	20
		Dissolved Molybdenum (Mo)	2012/05/24	NC		%	20
		Dissolved Nickel (Ni)	2012/05/24	NC		%	20
		Dissolved Selenium (Se)	2012/05/24	NC		%	20
		Dissolved Silicon (Si)	2012/05/24	NC		%	20
		Dissolved Silver (Ag)	2012/05/24	NC		%	20
		Dissolved Strontium (Sr)	2012/05/24	NC		%	20
		Dissolved Thallium (Tl)	2012/05/24	NC		%	20
		Dissolved Tin (Sn)	2012/05/24	NC		%	20
		Dissolved Titanium (Ti)	2012/05/24	NC		%	20
		Dissolved Uranium (U)	2012/05/24	NC		%	20
		Dissolved Vanadium (V)	2012/05/24	NC		%	20
		Dissolved Zirconium (Zr)	2012/05/24	NC		%	20
5863082 BB3	Matrix Spike	Dissolved Chloride (Cl)	2012/05/23		NC	%	80 - 120
	Spiked Blank	Dissolved Chloride (Cl)	2012/05/23		100	%	80 - 120
	Method Blank	Dissolved Chloride (Cl)	2012/05/23	<0.50		mg/L	
	RPD [DL7076-02]	Dissolved Chloride (Cl)	2012/05/23	NC		%	20
	RPD [DL7080-02]	Dissolved Chloride (Cl)	2012/05/23	NC		%	20
	RPD [DL7098-02]	Dissolved Chloride (Cl)	2012/05/23	NC		%	20
	RPD [DL7110-02]	Dissolved Chloride (Cl)	2012/05/23	0.7		%	20
5863101 BB3	Matrix Spike	Dissolved Sulphate (SO4)	2012/05/23		NC	%	80 - 120
	Spiked Blank	Dissolved Sulphate (SO4)	2012/05/23		99	%	80 - 120

LABERGE ENVIRONMENTAL SERVICES
Attention: Bonnie Burns
Client Project #: FARO GROUNDWATER MONITORING PR
P.O. #:
Site Location: FARO, YUKON

Quality Assurance Report (Continued)

Maxxam Job Number: VB241438

QA/QC Batch Num Init	QC Type	Parameter	Date Analyzed yyyy/mm/dd	Value	Recovery	Units	QC Limits
5863101 BB3	Method Blank	Dissolved Sulphate (SO4)	2012/05/23	<0.50		mg/L	
	RPD [DL7076-02]	Dissolved Sulphate (SO4)	2012/05/23	13.8		%	20
	RPD [DL7080-02]	Dissolved Sulphate (SO4)	2012/05/23	1.7		%	20
	RPD [DL7098-02]	Dissolved Sulphate (SO4)	2012/05/23	4.0		%	20
	RPD [DL7119-02]	Dissolved Sulphate (SO4)	2012/05/23	1.0		%	20
	RPD [DL7120-02]	Dissolved Sulphate (SO4)	2012/05/23	1.0		%	20
	RPD [DL7161-02]	Dissolved Sulphate (SO4)	2012/05/23	2.4		%	20
5867910 AD5	RPD [DL7162-02]	Dissolved Sulphate (SO4)	2012/05/23	0.4		%	20
	Spiked Blank	Dissolved Sulphate (SO4)	2012/05/24		101	%	80 - 120
	Method Blank	Dissolved Sulphate (SO4)	2012/05/24	<0.50		mg/L	
5872066 RM3	RPD [DL7110-02]	Dissolved Sulphate (SO4)	2012/05/24	0.1		%	20
	Matrix Spike	Dissolved Mercury (Hg)	2012/05/28		95	%	80 - 120
	Spiked Blank	Dissolved Mercury (Hg)	2012/05/28		91	%	80 - 120
5873060 AA1	Method Blank	Dissolved Mercury (Hg)	2012/05/28	<0.010		ug/L	
	Spiked Blank	Dissolved Iron (Fe)	2012/05/28		107	%	80 - 120
		Dissolved Manganese (Mn)	2012/05/28		101	%	80 - 120
5873980 AD5		Dissolved Zinc (Zn)	2012/05/28		107	%	80 - 120
	Method Blank	Dissolved Iron (Fe)	2012/05/28	<1.0		ug/L	
		Dissolved Manganese (Mn)	2012/05/28	<0.050		ug/L	
		Dissolved Zinc (Zn)	2012/05/28	<0.10		ug/L	
	Matrix Spike	Dissolved Chloride (Cl)	2012/05/28		NC	%	80 - 120
	Spiked Blank	Dissolved Chloride (Cl)	2012/05/28		104	%	80 - 120
	Method Blank	Dissolved Chloride (Cl)	2012/05/28	<0.50		mg/L	
5874172 AH5	RPD	Dissolved Chloride (Cl)	2012/05/25	0.06		%	20
	Matrix Spike	Alkalinity (Total as CaCO3)	2012/05/28		NC	%	80 - 120
	Spiked Blank	Alkalinity (Total as CaCO3)	2012/05/28		96	%	80 - 120
	Method Blank	Alkalinity (Total as CaCO3)	2012/05/28	<0.50		mg/L	
		Alkalinity (PP as CaCO3)	2012/05/28	<0.50		mg/L	
		Bicarbonate (HCO3)	2012/05/28	<0.50		mg/L	
		Carbonate (CO3)	2012/05/28	<0.50		mg/L	
5874245 AD5		Hydroxide (OH)	2012/05/28	<0.50		mg/L	
	RPD	Alkalinity (Total as CaCO3)	2012/05/28	0.3		%	20
		Alkalinity (PP as CaCO3)	2012/05/28	NC		%	20
		Bicarbonate (HCO3)	2012/05/28	0.3		%	20
		Carbonate (CO3)	2012/05/28	NC		%	20
		Hydroxide (OH)	2012/05/28	NC		%	20
	Matrix Spike	Dissolved Sulphate (SO4)	2012/05/28		NC	%	80 - 120
5874245 AD5	Spiked Blank	Dissolved Sulphate (SO4)	2012/05/28		98	%	80 - 120
	Method Blank	Dissolved Sulphate (SO4)	2012/05/28	<0.50		mg/L	
	RPD	Dissolved Sulphate (SO4)	2012/05/28	5.2		%	20

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix to which a known amount of the analyte has been added. Used to evaluate analyte recovery.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spiked amount was not sufficiently significant to permit a reliable recovery calculation.

NC (RPD): The RPD was not calculated. The level of analyte detected in the parent sample and its duplicate was not sufficiently significant to permit a reliable calculation.

(1) Recovery or RPD for this parameter is outside control limits. The overall quality control for this analysis meets acceptability criteria.

(2) Matrix Spike outside acceptance criteria (10% of analytes failure allowed).

Validation Signature Page

Maxxam Job #: B241438

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



JENNIFER VILLOCERO, Burnaby Sample Logins



ROB REINERT, Data Validation Coordinator

=====

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. For Service Group specific validation please refer to the Validation Signature Page.



08351397

Maxxam

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CHAIN OF CUSTODY RECORD

[Click here to get the COC number](#)Maxxam Job # **B241438**

COC #:

Page: of

Invoice To: Require Report? Yes ☐ No ☐

Report To: Note: I would like a paper copy mailed to me as well.

Company Name: Laberge Environmental Services
 Contact Name: Bonnie Burns
 Address: P.O. Box 21072
 Whitehorse, YT Y1A 6P7
 Phone / Fax: Ph: 867-668-6838 Fax:
 E-mail: bonnieburns@northwestel.net

Company Name: Laberge Environmental Service
 Contact Name: Bonnie Burns
 Address: P.O. Box 21072
 Whitehorse, YT Y1A 6P7
 Phone / Fax: Ph: 867-668-6838 Fax:
 E-mail: bonnieburns@northwestel.net

PO #:
 Quotation #: B12-090-DL
 Project #:
 Proj. Name: Faro Groundwater Monitoring Program, May 2012
 Location: Faro, Yukon
 Sampled by: Bonnie Burns, Ken Nordin, Stu Withers, Jim Schaefer

REGULATORY REQUIREMENTS: SERVICE REQUESTED:

- ☐ CSR
☐ CCME
☐ BC Water Quality
☐ Other
☐ DRINKING WATER
- ☒ Regular Turn Around Time (TAT)
 (5 days for most tests)
 RUSH (Please contact the lab)
☐ 1 Day ☐ 2 Day ☐ 3 Day
 Date Required:

SPECIAL INSTRUCTIONS:

Return Cooler ☐ Ship Sample Bottles (please specify) ☐

ANALYSIS REQUESTED

Sample Identification	Lab Identification	Sample Type	Sample Time (24hr)	Field Filtered?	Field Acidified?	Field Alkalinity?	Dissolved Metals (DM)	Total Metals	SO4	Acidity to 8.3	Alkalinity	Chloride	Total Suspended Solids	pH	Conductivity	Number of Containers
1 P01-01A	DL7073	Ground W	12/05/15 12:	x	x	x	x	x	x	x	x	x	x	x	x	
2 P01-01B	074	Ground W	12/05/15 12:	x	x	x	x	x	x	x	x	x	x	x	x	
3 X16A	075	Ground W	12/05/14 18:	x	x	x	x	x	x	x	x	x	x	x	x	
4 X16B	076	Ground W	12/05/14 18:	x	x	x	x	x	x	x	x	x	x	x	x	
5 X17A	077	Ground W	12/05/15	x	x	x	x	x	x	x	x	x	x	x	x	
6 X17B	078	Ground W	12/05/15	x	x	x	x	x	x	x	x	x	x	x	x	
7 X18A	079	Ground W	12/05/15	x	x	x	x	x	x	x	x	x	x	x	x	
8 X18B	080	Ground W	12/05/15	x	x	x	x	x	x	x	x	x	x	x	x	
9 P01-11	081	Ground W	12/05/14	x	x	x	x	x	x	x	x	x	x	x	x	
10 P05-02	082	Ground W	12/05/14	x	x	x	x	x	x	x	x	x	x	x	x	
11 P09-C2	083	Ground W	12/05/14	x	x	x	x	x	x	x	x	x	x	x	x	
12 P05-03	084	Ground W	12/05/14	x	x	x	x	x	x	x	x	x	x	x	x	



B241438

Relinquished By			Received by			Temperature on Receipt (°C)			Custody Seal		Yes		No	
*Relinquished By:	Date (yy/mm/dd)	Time (24hr)	Received by:	Date (yy/mm/dd)	Time (24hr)	A)	B)	C)	Present?					
			Andy 2 Proffers	2012/05/19	12:15									
									Intact?					

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

BBY FCO-00077R1_C

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Temp: 6, 7, 5
 3 3 3
 5 4 4
 4 4 5
 3 4 5
 3 5 2

NA

08351398



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CHAIN OF CUSTODY RECORD

[Click here to get the COC number](#)

Maxxam Job #: _____

COC #: _____

Page: _____ of _____

Invoice To: Require Report? Yes ☐ No ☐

Report To: Note: I would like a paper copy mailed to me as well.

Company Name: Liberge Environmental Services
Contact Name: Bonnie Burns
Address: P.O. Box 21072
Whitehorse, YT PC: Y1A 6P7
Phone / Fax#: Ph: 867-686-6838 Fax:
E-mail: bonnieburns@northwestel.net

Company Name: Liberge Environmental Service
Contact Name: Bonnie Burns
Address: P.O. Box 21072
Whitehorse, YT PC: Y1A 6P7
Phone / Fax#: Ph: 867-686-6838 Fax:
E-mail: bonnieburns@northwestel.net

PO #: _____
Quotation #: B12-090-DL
Project #: _____
Proj. Name: Faro Groundwater Monitoring Program, May 2012
Location: Faro, Yukon
Sampled by: Bonnie Burns, Ken Nordin, Stu Withers, Jim Schaefer

REGULATORY REQUIREMENTS: SERVICE REQUESTED:

- ☐ CSR ☒ Regular Turn Around Time (TAT)
(5 days for most tests)
☐ CCME RUSH (Please contact the lab)
☐ BC Water Quality ☐ 1 Day ☐ 2 Day ☐ 3 Day
☐ Other ☐ DRINKING WATER Date Required: _____

SPECIAL INSTRUCTIONS:

Return Cooler ☐ Ship Sample Bottles (please specify) ☐

ANALYSIS REQUESTED

Sample Identification	Lab Identification	Sample Type	Date/Time(24hr) Sampled	Field Filtered?	Field Acidified?	Field Acidified?	Dissolved Metals (DM)	Total Metals	SO4	Acidity to 8.3	Alkalinity	Chloride	Total Suspended Solids	pH	Conductivity	Number of Containers
1 P01-02A	067083	Ground W	12/05/14	x	x		x	x	x	x	x	x	x	x	x	
2 P01-02B	086	Ground W	12/05/14	x	x		x	x	x	x	x	x	x	x	x	
3 X240-96	057	Ground W	12/05/16	x	x		x	x	x	x	x	x	x	x	x	
4 X25A-96	058	Ground W	12/05/16	x	x		x	x	x	x	x	x	x	x	x	
5 X25B-96	059	Ground W	12/05/16	x	x		x	x	x	x	x	x	x	x	x	
6 P01-03	090	Ground W	12/05/16	x	x		x	x	x	x	x	x	x	x	x	
7																
8 P01-04B	091	Ground W	12/05/16	x	x		x	x	x	x	x	x	x	x	x	
9 X21A-96	092	Ground W		x	x		x	x	x	x	x	x	x	x	x	
10 X21B-96	093	Ground W		x	x		x	x	x	x	x	x	x	x	x	
11 P08-ETA2	094	Ground W	12/05/15	x	x		x	x	x	x	x	x	x	x	x	
12 P08-8A	095	Ground W	12/05/15	x	x		x	x	x	x	x	x	x	x	x	



B241438

*Relinquished By:		Date (yy/mm/dd):	Time (24hr):	Received by:	Date (yy/mm/dd):	Time (24 hr):	Time Sensitive	Temperature on Receipt (°C)	Custody Seal	Yes	No
				Andy Lang	2012/05/19	12:15	☐	A) B) C)	Present?	☐	☐
								Just sampled & rec'd on ice	Intact?	☐	☐

BAY FCD-00077A1_C

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Temp: 6.7.5
3.7.3
5.4.4
4.4.5
3.4.5
3.4.2

NA

08351399

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CHAIN OF CUSTODY RECORD

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Maxxam Job #:

COC #:

Page

of

Invoice To: Require Report? Yes ☐ No ☐

Report To: Note: I would like a paper copy mailed to me as well.

Company Name: Laberge Environmental Services
Contact Name: Bonnie Burns
Address: P.O. Box 21072
Whitehorse, YT PC: Y1A 6P7
Phone / Fax: Ph: 667-668-6838 Fax:
E-mail: bonnieburns@northwestel.net

Company Name: Laberge Environmental Service
Contact Name: Bonnie Burns
Address: P.O. Box 21072
Whitehorse, YT PC: Y1A 6P7
Phone / Fax: Ph: 667-668-6838 Fax:
E-mail: bonnieburns@northwestel.net

PO #:
Quotation #: 812-000-DL
Project #:
Proj. Name: Faro Groundwater Monitoring Program, May 2012
Location: Faro, Yukon
Sampled by: Bonnie Burns, Ken Nordin, Stu Withers, Jim Schaefer

REGULATORY REQUIREMENTS: SERVICE REQUESTED:

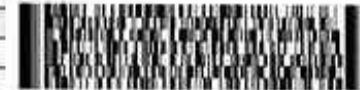
- ☐ CSR ☒ Regular Turn Around Time (TAT)
(5 days for most tests)
☐ CCME RUSH (Please contact the lab)
☐ BC Water Quality ☐ 1 Day ☐ 2 Day ☐ 3 Day
☐ Other Date Required:
☐ DRINKING WATER

SPECIAL INSTRUCTIONS:

Return Cooler ☐ Ship Sample Bottles (please specify) ☐

ANALYSIS REQUESTED

Sample Identification	Lab Identification	Sample Type	Date/Time (24hr)	Sampled	Dissolved Metals (DM)	Total Metals	SO4	Acidity to 8.3	Alkalinity	Chloride	Total Suspended Solids	pH	Conductivity	Number of Containers
1 P05-8B	DL7096	Ground W	12/05/15		X	X	X	X	X	X	X	X	X	
2 SRK05-P10A	097	Ground W	12/05/15		X	X	X	X	X	X	X	X	X	
3 SRK05-P9	095													
4 SRK05-P11B	097	Ground W	12/05/15		X	X	X	X	X	X	X	X	X	
5 P06-7	100	Ground W	12/05/16		X	X	X	X	X	X	X	X	X	
6 S1A	101	Ground W	12/05/16		X	X	X	X	X	X	X	X	X	
7														
8 S2A	102	Ground W	12/05/15		X	X	X	X	X	X	X	X	X	
9 S2B	103	Ground W	12/05/15		X	X	X	X	X	X	X	X	X	
10 SRK05-SP-4A	104	Ground W	12/05/15		X	X	X	X	X	X	X	X	X	
11														
12 SRK05-SP-5	105	Ground W	12/05/15		X	X	X	X	X	X	X	X	X	



8241438

Print name and sign				Print name and sign				Laboratory Use Only			
*Relinquished By:	Date (yy/mm/dd):	Time (24hr):	Received by:	Date (yy/mm/dd):	Time (24 hr):	Time Sensitive	Temperature on Receipt (°C)	Custody Seal	Yes	No	
			Andy Artyukov	2012/05/19	12:15	☐	A: B: C:	Present?	☐	☐	
							Just sampled & rec'd on ice:	Intact?	☐	☐	

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 TEST DELAYS.

88Y FCO-00077R1_C

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Temp: 6, 7, 5
3, 3, 3
5, 4, 4
4, 4, 5
3, 4, 5
3, 4, 2

08351400

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CHAIN OF CUSTODY RECORD

Click here to get the COC number

Maxxam Job #:

COC #:

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Invoice To: Require Report? Yes ☐ No ☐

Report To: Note: I would like a paper copy mailed to me as well.

Company Name: Laberge Environmental Services
Contact Name: Bonnie Burns
Address: P.O. Box 21072
Whitehorse, YT PC: Y1A 6P7
Phone / Fax: Ph: 867-668-6838 Fax:
E-mail: bonnieburns@northwestel.net

Company Name: Laberge Environmental Service
Contact Name: Bonnie Burns
Address: P.O. Box 21072
Whitehorse, YT PC: Y1A 6P7
Phone / Fax: Ph: 867-668-6838 Fax:
E-mail: bonnieburns@northwestel.net

PO #:
Quotation #: B12-060-DL
Project #:
Proj. Name: Faro Groundwater Monitoring Program, May 2012
Location: Faro, Yukon
Sampled by: Bonnie Burns, Ken Nordin, Stu Withers, Jim Schaefer

REGULATORY REQUIREMENTS: SERVICE REQUESTED:

- ☐ CSR ☒ Regular Turn Around Time (TAT)
(5 days for most tests)
☐ CCME RUSH (Please contact the lab)
☐ BC Water Quality
Other ☐ 1 Day ☐ 2 Day ☐ 3 Day
☐ DRINKING WATER Date Required:

SPECIAL INSTRUCTIONS:

Return Cooler ☐ Ship Sample Bottles (please specify) ☐

ANALYSIS REQUESTED

Sample Identification	Lab Identification	Sample Type	Date/Time(24hr) Sampled	Field Filtered?	Field Acidified?	Field Autoclaved?	Dissolved Metals (DM)	Total Metals	SO ₄	Acidity to 8.3	Alkalinity	Chloride	Total Suspended Solids	pH	Conductivity	Number of Containers
1 SRK06-SP7A	DL7106	Ground W	12/05/16	X	X		X	X	X	X	X	X	X	X	X	
2 SRK06-SP7B	117	Ground W	12/05/16	X	X		X	X	X	X	X	X	X	X	X	
3 P09-SIS1	108	Ground W	12/05/15	X	X		X	X	X	X	X	X	X	X	X	
4 P09-SIS2	109	Ground W	12/05/15	X	X		X	X	X	X	X	X	X	X	X	
5 P09-SIS3	110	Ground W	12/05/15	X	X		X	X	X	X	X	X	X	X	X	
6 P09-SIS4	111	Ground W	12/05/15	X	X		X	X	X	X	X	X	X	X	X	
7 P09-SIS5	112	Ground W	12/05/15	X	X		X	X	X	X	X	X	X	X	X	
8 BH14A	113	Ground W		X	X		X	X	X	X	X	X	X	X	X	
9 BH14B	114	Ground W		X	X		X	X	X	X	X	X	X	X	X	
10 P96-J	115	Ground W		X	X		X	X	X	X	X	X	X	X	X	
11 P96-9A	116	Ground W		X	X		X	X	X	X	X	X	X	X	X	
12 P2001-02A	117	Ground W		X	X		X	X	X	X	X	X	X	X	X	



B241438

Print name and sign			Print name and sign			Laboratory Use Only				
*Relinquished By:	Date (yy/mm/dd):	Time (24hr):	Received by:	Date (yy/mm/dd):	Time (24hr):	Time Sensitive	Temperature on Receipt (°C)	Custody Seal	Yes	No
			Adp2 Andy Leung	2012/05/19	12:15	☐	A) B) C)	Preserved?	☐	☐
						☐	Just sampled & rec'd on ice:	Intact?	☐	☐

BBY FCD-00077R1_C

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Temp: 6.7, 5
3.3, 3
5.4, 4
4.4, 5
3.4, 5
3.4, 2

NA



08351401



Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5 Ph: (604) 734-7276 Fax: (604) 731-7386 Toll Free: (800) 653-5566

CHAIN OF CUSTODY RECORD

Click here to get the COC number

Maxxam Job #: _____

COC #: _____

Page: _____ of _____

Invoice To: Require Report? Yes ☐ No ☐

Report To: Note: I would like a paper copy mailed to me as well.

Company Name: Laberge Environmental Services
 Contact Name: Bonnie Burns
 Address: P.O. Box 21072
 Whitehorse, YT PC: Y1A 6P7
 Phone / Fax#: Ph: 867-666-6838 Fax:
 E-mail: bonnieburns@northwestel.net

Company Name: Laberge Environmental Service
 Contact Name: Bonnie Burns
 Address: P.O. Box 21072
 Whitehorse, YT PC: Y1A 6P7
 Phone / Fax#: Ph: 867-666-6838 Fax:
 E-mail: bonnieburns@northwestel.net

PO #:
 Quotation #: 812-090-DL
 Project #:
 Proj. Name: Faro Groundwater Monitoring Program, May 2012
 Location: Faro, Yukon
 Sampled by: Bonnie Burns, Ken Nordin, Stu Withers, Jim Schaefer

REGULATORY REQUIREMENTS: SERVICE REQUESTED:

- ☐ CSR ☒ Regular Turn Around Time (TAT)
 (5 days for most tests)
☐ CCME RUSH (Please contact the lab)
☐ BC Water Quality ☐ 1 Day ☐ 2 Day ☐ 3 Day
☐ Other
☐ DRINKING WATER Date Required: _____

SPECIAL INSTRUCTIONS:

Return Cooler ☐ Ship Sample Bottles (please specify) ☐

ANALYSIS REQUESTED

Sample Identification	Lab Identification	Sample Type	Date/Time (24hr) Sampled	Field Filtered?	Field Acidified?	Field Acidified?	Field Acidified?	Dissolved Metals (DM)	Total Metals	SO4	Acidity to 8.3	Alkalinity	Chloride	Total Suspended Solids	pH	Conductivity	Number of Containers
1 P2001-02B	118	Ground W		X	X	X	X	X	X	X	X	X	X	X	X	X	
2 P2001-03	119	Ground W		X	X	X	X	X	X	X	X	X	X	X	X	X	
3 SRK05-05C	120	Ground W		X	X	X	X	X	X	X	X	X	X	X	X	X	
4 SRK05-07	121	Ground W		X	X	X	X	X	X	X	X	X	X	X	X	X	
5 SRK05-08	122	Ground W		X	X	X	X	X	X	X	X	X	X	X	X	X	
6 SRK-05-9	123	Ground W		X	X	X	X	X	X	X	X	X	X	X	X	X	
7 V35	124	Ground W		X	X	X	X	X	X	X	X	X	X	X	X	X	
8 V36	125	Ground W		X	X	X	X	X	X	X	X	X	X	X	X	X	
9 V37	126	Ground W		X	X	X	X	X	X	X	X	X	X	X	X	X	
10 P09-LCD2	127	Ground W		X	X	X	X	X	X	X	X	X	X	X	X	X	
11 P09-LCD4	128	Ground W		X	X	X	X	X	X	X	X	X	X	X	X	X	
12 P09-LCD6	129	Ground W		X	X	X	X	X	X	X	X	X	X	X	X	X	



8241438

Print name and sign			Print name and sign			Laboratory Use Only				
*Relinquished By:	Date (yy/mm/dd)	Time (24hr)	Received by:	Date (yy/mm/dd)	Time (24hr)	Time Sensitive	Temperature on Receipt (°C)	Custody Seal	Yes	No
			Andy 2 ANDY 1646	2012/05/19	12:15	☐	A) B) C)	Present?	☐	☐
						☐	Just sampled & rec'd on ice:	Intact?	☐	☐

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

BBY PCD-00077R1_C

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Temp: 6.7.5
 3.3.3
 5.4.4
 4.4.5
 3.4.5
 3.4.2

NA



08351402



Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5 Ph: (604) 734-7276 Fax: (604) 731-2386 Toll Free: (800) 865-5566

CHAIN OF CUSTODY RECORD

Click here to get the COC number

Maxxam Job #: _____

COC #: _____

Page: _____ of _____

Invoice To: Require Report? Yes ☐ No ☐

Company Name: Laberge Environmental Services
 Contact Name: Bonnie Burns
 Address: P.O. Box 21072
 Whitehorse, YT Y1A 6P7
 Phone / Fax#: Ph: 867-668-6838 Fax:
 E-mail: bonnieburns@northwestel.net

Company Name: Laberge Environmental Service
 Contact Name: Bonnie Burns
 Address: P.O. Box 21072
 Whitehorse, YT Y1A 6P7
 Phone / Fax#: Ph: 867-668-6838 Fax:
 E-mail: bonnieburns@northwestel.net

Report To: Note: I would like a paper copy mailed to me as well.

PO #:
 Quotation #: 812-090-DL
 Project #:
 Proj. Name: Faro Groundwater Monitoring Program, May 2012
 Location: Faro, Yukon
 Sampled by: Bonnie Burns, Ken Nordin, Stu Withers, Jim Schaefer

REGULATORY REQUIREMENTS: SERVICE REQUESTED:

- ☐ CSR
☐ CCME
☐ BC Water Quality
☐ Other
☐ DRINKING WATER
- ☒ Regular Turn Around Time (TAT)
 (5 days for most tests)
 RUSH (Please contact the lab)
☐ 1 Day ☐ 2 Day ☐ 3 Day
- Date Required: _____

SPECIAL INSTRUCTIONS:

Return Cooler ☐ Ship Sample Bottles (please specify) ☐

ANALYSIS REQUESTED

Sample Identification	Lab Identification	Sample Type	Date/Time(24hr) Sampled	Field Filtered?	Field Acidified?	Field Metals?	Dissolved Metals (DM)	Total Metals	SO4	Acidity to 8.3	Alkalinity	Chloride	Total Suspended Solids	pH	Conductivity	Number of Containers
1 P09-VC1	DL7139	Ground W		x	x	x	x	x	x	x	x	x	x	x	x	
2 P09-VC2	146	Ground W		x	x	x	x	x	x	x	x	x	x	x	x	
3 P05-01-05	141	Ground W		x	x	x	x	x	x	x	x	x	x	x	x	
4 P03-08-02	142	Ground W		x	x	x	x	x	x	x	x	x	x	x	x	
5 P03-08-04	143	Ground W		x	x	x	x	x	x	x	x	x	x	x	x	
6 P03-08-06	144	Ground W		x	x	x	x	x	x	x	x	x	x	x	x	
7 P03-08-08	145	Ground W		x	x	x	x	x	x	x	x	x	x	x	x	
8 P03-08-09	146	Ground W		x	x	x	x	x	x	x	x	x	x	x	x	
9 P03-08-01	147	Ground W		x	x	x	x	x	x	x	x	x	x	x	x	
10 P03-08-02	148	Ground W		x	x	x	x	x	x	x	x	x	x	x	x	
11 P03-08-03	149	Ground W		x	x	x	x	x	x	x	x	x	x	x	x	
12 P03-08-04	150	Ground W		x	x	x	x	x	x	x	x	x	x	x	x	



B241438

Print name and sign

Print name and sign

Laboratory Use Only

*Relinquished By:	Date (yy/mm/dd):	Time (24hr):	Received by:	Date (yy/mm/dd):	Time (24hr):	Time Sensitive	Temperature on Receipt (°C)	Custody Seal	Yes	No
Andy 2 ANDY LEUNG	2012/05/19	12:15				☐	A) ☐ B) ☐ C) ☐	Present?	☐	☐
							Just sampled & rec'd on ice: ☐	Intact?	☐	☐

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

BBY FCO-00077R1_C

Maxxam Analytics Success Through Science ©

Temp: 6,7,5
 3,3,3
 5,4,4
 4,4,5
 3,4,5
 3,4,2

NA



08351403



Burnaby: 4606 Canada Way, Burnaby, BC V5G 1K5 Ph: (604) 734-7276 Fax: (604) 731-2356 Toll Free: (800) 665-8566

CHAIN OF CUSTODY RECORD

Click here to get the COC number

Maxxam Job #: _____

COC #: _____

Page: _____ of _____

Invoice To: Require Report? Yes ☐ No ☐

Report To: Note: I would like a paper copy mailed to me as well.

Company Name: Laberge Environmental Services
 Contact Name: Bonnie Burns
 Address: P.O. Box 21072
 Whitehorse, YT PC: Y1A 6P7
 Phone / Fax#: Ph: 867-668-8838 Fax:
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 E-mail: bonnieburns@northwestel.net

PO #: _____
 Quotation #: B12-060-DL
 Project #: _____
 Proj. Name: Faro Groundwater Monitoring Program, May 2012
 Location: Faro, Yukon
 Sampled by: Bonnie Burns, Ken Nordin, Stu Withers, Jim Schaefer

REGULATORY REQUIREMENTS: SERVICE REQUESTED:

- ☐ CSR ☒ Regular Turn Around Time (TAT)
 (5 days for most tests)
☐ CCME RUSH (Please contact the lab)
☐ BC Water Quality
☐ Other: ☐ 1 Day ☐ 2 Day ☐ 3 Day
☐ DRINKING WATER Date Required: _____

SPECIAL INSTRUCTIONS:

Return Cooler ☐ Ship Sample Bottles (please specify) ☐

Sample Identification		Lab Identification	Sample Type	Date/Time (24hr) Sampled	Field Filtered?	Field Acidified?	Field Autoclaved?	Dissolved Metals (DM)	Total Metals	SO ₄	Acidity to 8.3	Alkalinity	Chloride	Total Suspended Solids	pH	Conductivity	Number of Containers
1	P03-06-05	DL2161	Ground W		x	x		x	x	x	x	x	x	x	x	x	
2	P03-06-06	162	Ground W		x	x		x	x	x	x	x	x	x	x	x	
3	DUP1	163	Ground W		x	x											
4	DUP 2	164	Ground W		x	x											
5	DUP 3	165	Ground W		x	x		x	x	x	x	x	x	x	x	x	
6	DUP 4	166	Ground W		x	x		x	x	x	x	x	x	x	x	x	
7	DUP 5	167	Ground W		x	x		x	x	x	x	x	x	x	x	x	
8	Field Blank	168	Ground W		x	x		x	x	x	x	x	x	x	x	x	
9	Travel Blank	169	Ground W		x	x		x	x	x	x	x	x	x	x	x	
10																	
11																	
12																	



B241438

Print name and sign			Print name and sign			Laboratory Use Only				
*Relinquished By:	Date (yy/mm/dd)	Time (24hr)	Received by:	Date (yy/mm/dd)	Time (24hr)	Time Sensitive	Temperature on Receipt (°C)	Custody Seal	Yes	No
			Amy 2 Amy Wong	2012/05/19	12:15	☐	A) ☐ B) ☐ C) ☐	Preserved?	☐	☐
							Just sampled & rec'd on ice: ☐	Intact?	☐	☐

BBY FGD-00077R1_C

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Temp:
 6, 7, 5
 3, 3, 3
 5, 4, 4
 4, 4, 5
 3, 4, 5
 3, 4, 2

NA