COMAPLEX
MINERALS CORP

September 25, 2008
3.393, G0-02

Attn: Phyllis Beaulieu, Richard Dwyer
Nunavut Water Board
PO Box 119
Gjoa Haven, Nunavut
X0B 0J0
867 360-6338

Re: July-August 2008 Monitoring Report:
Meliadine West Project, Lic. #: 2BB-MEL0709

In this letter, water sampling results are reported for the Meliadine Lake Gold Project for July and August of 2008. Water samples were collected at sites MEL1 to MEL4, within pond A54 (Peanut Lake), and within Primary Containment area P on August 19 of 2008 (Figure 1). Results from samples collected on June 30 and August 19 from the kitchen tap are also reported. Field data collected at the time of sampling are repeated below and complete results are reported in Appendix A along with the laboratory data sheets.

Table 1: Sample Locations: Field Data

SampleID	Lab_Report	UTM_E	UTM_N	Date	Time	pH_Field	Temp_Field
MEL1	L672351	541934	6989173	19-Aug-08	2:50	7.27	14.4
MEL2	L672351	540681	6986702	19-Aug-08	6:25	7.83	14.5
MEL3	L672351	542083	6989004	19-Aug-08	3:50	7.55	14.7
MEL4	L672351	542092	6989012	19-Aug-08	3:20	8.41	14.2
A54	L672351	540135	6988794	19-Aug-08	8:29	8.29	14.1
P1	L672351	539901	6988966	19-Aug-08	8:08	8.08	15.5
TAP	L672351	542006	6989084	19-Aug-08	20:45	7.01	17.5
TAP	L650400	542006	6989084	30-Jun-08	12:40	7.18	11.4

Note: Coordinates are NAD83, UTM Zone 15 – Handheld GPS

In Appendix A, discharge criteria are supplied by **the "Metal Mining Effluent Regulations" SOR/202-222, June 6, 2002 (Amendment, Oct 18, 2006)**. The results are also compared to **Canadian Council of Ministers of the Environment (CCME) Water Quality Guidelines for the protection of aquatic life (1999, updated December 2006)**. May and June 2008 results are included for comparison.

Highlights:
The following results are noteworthy (exceed CCME Protection of Aquatic Life Criteria):
a) Sample MEL1 (camp water supply) - Fecal Coli Forms (1 colony forming unit), Zn

b) Sample MEL3 (camp grey water end of pipe) – Ammonia, As, Fe, Pb, Mn, Fecal Coli Forms (1600 colony forming units), Ni, Phosphorus, Selenium, TSS, turbidity and zinc.
c) Sample MEL 4 (Meliadine Lake below grey water wetland) – Fecal Coli Forms (19 colony forming units)
d) Sample A54 (Peanut Lake) – Ammonia, chloride, nitrates, nitrites, selenium, zinc
e) Sample P1 (Primary Containment at the ore pad) – Ammonia, arsenic, chloride, manganese, nitrates, nitrites, selenium, turbidity.

Discussion:

a) The high fecal coli form result at the intake pipe for camp in MEL1 (1 CFU / 100 ml) was a surprise. Tap water in camp is frequently tested and water results from June 30 and August 19 for fecal coli forms are negative (Appendix A). The potable water supply to the camp is protected by both a ultra-violet (UV) water treatment unit and run through activated carbon. Comaplex will continue to monitor the situation, but results to date indicate the MEL1 reading was an isolated reading that was not repeated in samples taken within the camp water system.

b) Fecal coli forms are reduced in the end of pipe grey water sample (MEL3) from results observed in June of 2008. As mentioned in previous reports, waterfowl frequent the wetland environment where the grey water sample was collected and this is thought to account for the high fecal coli form counts in this area. The decrease in phosphates from end of pipe sample (MEL3) is encouraging and likely a result of changes in soap used in camp.

c) MEL4 recorded positive fecal coli form results (19 CFU / 100 ml). Since there is no camp sewer system associated with the grey water line, this result is no doubt related to the waterfowl activity in the area. It is appropriate to note that high TSS and turbidity values were recorded in grey water sample MEL3 upstream. A series of baffles were installed in the wetland environment in early August to impede the flow of grey water through the wetland. This had made recovery of grey water samples difficult as only very shallow pools are present in the wetland below the pipe. The August 19 samples of high TSS and turbidity values in MEL 3 and high fecal counts in MEL 4 may have been biased by the effort expended to recover the MEL3 sample which entailed disturbing the wetland environment. In addition, sampling on August 19 was during and following a period of very high winds, which almost certainly contributed to the result.

d) and e) Ammonia levels exceed aquatic life criteria (CCME) in the primary containment (P1) and in Peanut Lake (A54); however, as expected, ammonia concentrations have shown a steady decrease each month in Peanut Lake. The increase in ammonia in the restricted environment of the primary containment is not unexpected considering it is a small pond of standing water.

COMAPLEX

MINERALS CORP

Nitrate and nitrite results are higher than previous determinations for sites P1 and A54. These compounds are major constituents of fertilizer and explosives. Fertilizer was applied to drill sites in the Peanut Lake basin along with peat moss during the drill site rehab program in late July, 2008.

As of the end of August 2008, the underground exploration program is complete and no additional mineralized rock will be placed on the waste rock pad, so further contributions to Peanut Lake from these operations are unlikely and nitrate values are expected to stabilize and decrease with time. Water movement between lakes in the catchment area in August was minimal (normal drying up of these ponds at this time of year). This may have had a concentrating effect. It is also noteworthy that the August 19 samples were taken during and following a period of very high winds and this may have resulted in a storm spike in the data (see attached weather chart).

Comaplex is monitoring the results of the water samples with Golder Associates' geochemists. One more water sampling round (all lakes) is planned before the end of September. These results will be reported as soon as test results are received.

Other:

Comaplex is expecting its wastewater treatment plant from BIODISK Corporation (Toronto, Ontario) and the new wash car (flush toilets) to be in Rankin Inlet before the end of September 2008. The plant and wash car will be installed over the winter months and commissioned when the camp is reoccupied for the 2009 exploration program.

The underground exploration program is finished. Surface diamond drilling will be completed by approximately the end of September. The camp will only have a skeleton crew over the winter months.

Please call if you have any further questions or require any further information.

Yours truly,

Mark Balog
Comaplex Minerals Corp.

Attachments:
Figure 1, Appendix 1,2

cc. RCF - Russ Cranswick
cc. KIA – Stephen Hartman, Jackson Lindell

Appendix A: 2008 Water Sample Results Compilation

SampleID	Label	Lab_Report	UTM_E	UTM_N	Sample_Date	Sample_Time	pH_Field	Temp_Field	Alk_CaC03_mgL	Al_mgL	Ammon_N_mgL	Sb_mgL	As_mgL	Ba_mgL
CCME Prot Aq										calc	0.019		0.005	
CCME Drinking										0.1			0.025	1
MMER							6.0-9.5						0.5	
A13	A13	L650400	539828	6988676	30-Jun-08	16:50	8.04	9.4	51	0.03	<0.05	<0.0004	0.0036	0.081
A15	A15	L650400	539732	6988798	30-Jun-08	17:04	6.94	9.8	22	<0.01	<0.05	<0.0004	0.0012	0.051
A38	A38	L650400	540500	6988254	30-Jun-08	15:03	8.08	8.7	61	0.01	0.76	<0.0004	0.0028	0.061
A54	A54	L636726	540135	6988794	30-May-08	12:50	7.76	4.9	46	<0.01	2.56	<0.0004	0.0023	0.031
A54	A54	L650400	540135	6988794	30-Jun-08	16:03	8.13	9.4	58	<0.01	2.17	<0.0004	0.0026	0.059
A54	A54	L672351	540135	6988794	19-Aug-08	16:55	8.29	14.1	42	<0.01	1.51	<0.0004	0.0031	0.098
A8-7	A8-7	L650400	540748	6986690	01-Jul-08	14:05	7.58	13.8	24	<0.01	<0.05	<0.0004	0.0014	0.013
X8-7	X8-7	L650400	540748	6986690	01-Jul-08	14:15	7.56	13.8	25	<0.01	<0.05	<0.0004	0.0014	0.013
A9	A9	L650400	540194	6988142	30-Jun-08	14:45	7.98	8.5	54	<0.01	<0.05	<0.0004	0.0036	0.092
CONTROL	CT	L650400	535001	6986333	01-Jul-08	13:55	7.19	8.4	16	<0.01	<0.05	<0.0004	<0.0004	0.007
MEL1	MEL1	L650400	541934	6989173	30-Jun-08	13:00	7.04	4.8	14	<0.01	<0.05	<0.0004	<0.0004	0.007
MEL1	MEL1	L672351	541934	6989173	19-Aug-08	14:50	7.27	14.4	15	<0.01	<0.05	<0.0004	0.0004	0.007
MEL2	MEL2	L650400	540681	6986702	30-Jun-08	14:30	7.3	8	24	<0.01	<0.05	<0.0004	0.0013	0.013
MEL2	MEL2	L672351	540681	6986702	19-Aug-08	18:25	7.83	14.5	32	<0.01	<0.05	<0.0004	0.0024	0.014
MEL3	MEL3	L650400	542083	6989004	30-Jun-08	11:10	7.4	5.8	259	0.05	1.34	0.0006	0.0055	0.028
MEL3	MEL3	L672351	542083	6989004	19-Aug-08	15:30	7.55	14.7	274	0.28	3.22	0.0015	0.0099	0.045
MEL4	MEL4	L650400	542092	6989012	30-Jun-08	11:01	7.24	2.4	15	<0.01	<0.05	<0.0004	<0.0004	0.007
MEL4	MEL4	L672351	542092	6989012	19-Aug-08	15:20	8.41	14.2	16	<0.01	<0.05	<0.0004	0.0006	0.006
ML-R	ML-R	L650400	544778	6971712	01-Jul-08	13:15	7.01	6.3	22	0.12	<0.05	<0.0004	0.0004	0.011
PRIMARY 1	P1	L636726	539901	6988966	30-May-08	11:20	7.2	5.7	55	<0.01	2.40	<0.0004	0.0039	0.033
P1	P1	L650400	539901	6988966	30-Jun-08	16:15	8.15	9.8	129	0.02	2.53	<0.0004	0.0117	0.059
P1	P1	L672351	539901	6988966	19-Aug-08	16:45	8.08	15.5	187	0.02	11.2	0.0005	0.0288	0.178
PRIMARY 2	P2	L636726	539952	6988927	30-May-08	14:15	7.64	2.9	61	0.01	1.57	<0.0004	0.0055	0.033

Previously Reported

Field Duplicate (A8-7)

Appendix A: 2008 Water Sample Results Compilation

SampleID	Label	Lab_Report	UTM_E	UTM_N	Sample_Date	Be_mgL	Bicarb_HCO3_mgL	BOD_mgL	B_mgL	Cd_mgL	Ca_mgL	Carb_CO3_mgL	Chloride_mgL	Cr_mgL
CCME Prot Aq										0.017				0.001
CCME Drinking										0.005			250	0.05
MMER														
A13	A13	L650400	539828	6988676	30-Jun-08	<0.001	62		<0.05	<0.0001	89.8	<5	191	0.006
A15	A15	L650400	539732	6988798	30-Jun-08	<0.001	26		<0.05	<0.0001	51.9	<5	98	<0.005
A38	A38	L650400	540500	6988254	30-Jun-08	<0.001	74		<0.05	<0.0001	95.3	<5	165	<0.005
A54	A54	L636726	540135	6988794	30-May-08	<0.001	57		<0.05	<0.0001	50.9	<5	88	<0.005
A54	A54	L650400	540135	6988794	30-Jun-08	<0.001	71		<0.05	<0.0001	100	<5	191	0.006
A54	A54	L672351	540135	6988794	19-Aug-08	<0.001	52		<0.05	<0.0002	129	<5	309	<0.005
A8-7	A8-7	L650400	540748	6986690	01-Jul-08	<0.001	30		<0.05	0.0002	15.0	<5	16	<0.005
X8-7	X8-7	L650400	540748	6986690	01-Jul-08	<0.001	30		<0.05	<0.0001	14.6	<5	16	<0.005
A9	A9	L650400	540194	6988142	30-Jun-08	<0.001	66		<0.05	<0.0001	98.7	<5	186	<0.005
CONTROL	CT	L650400	535001	6986333	01-Jul-08	<0.001	20		<0.05	<0.0001	7.2	<5	6	<0.005
MEL1	MEL1	L650400	541934	6989173	30-Jun-08	<0.001	17	<2	<0.05	<0.0001	5.6	<5	7	<0.005
MEL1	MEL1	L672351	541934	6989173	19-Aug-08	<0.001	18	<2	<0.05	<0.0002	6.5	<5	7	<0.005
MEL2	MEL2	L650400	540681	6986702	30-Jun-08	<0.001	30	<2	<0.05	<0.0001	13.6	<5	17	<0.005
MEL2	MEL2	L672351	540681	6986702	19-Aug-08	<0.001	39	<2	<0.05	<0.0002	17.0	<5	19	<0.005
MEL3	MEL3	L650400	542083	6989004	30-Jun-08	<0.001	316	32	<0.05	<0.0001	35.6	<5	41	<0.005
MEL3	MEL3	L672351	542083	6989004	19-Aug-08	<0.001	335	17	<0.05	0.0003	43	<5	42	<0.005
MEL4	MEL4	L650400	542092	6989012	30-Jun-08	<0.001	19	<2	<0.05	<0.0001	6.3	<5	8	<0.005
MEL4	MEL4	L672351	542092	6989012	19-Aug-08	<0.001	20	<2	<0.05	<0.0002	6.2	<5	8	<0.005
ML-R	ML-R	L650400	544778	6971712	01-Jul-08	<0.001	27		<0.05	<0.0001	8.1	<5	10	<0.005
PRIMARY 1	P1	L636726	539901	6988966	30-May-08	<0.001	68		<0.05	<0.0001	48.7	<5	69	<0.005
P1	P1	L650400	539901	6988966	30-Jun-08	<0.001	157		<0.05	<0.0001	94.9	<5	114	<0.005
P1	P1	L672351	539901	6988966	19-Aug-08	<0.001	228		<0.05	<0.0002	218	<5	434	<0.005
PRIMARY 2	P2	L636726	539952	6988927	30-May-08	<0.001	75		<0.05	<0.0001	50.6	<5	72	<0.005

Previously Reported
Field Duplicate (A8-7)

Appendix A: 2008 Water Sample Results Compilation

SampleID	Label	Lab_Report	UTM_E	UTM_N	Sample_Date	Co_mgL	Cond_ED_uScm	Cu_mgL	Hard_CaCO3_mgL	OH_mgL	Ion_Bal_%	Fe_dissol_mgL	Pb_mgL
CCME Prot Aq								.002-.004				0.3	.001-.007
CCME Drinking								1				0.3	0.01
MMER								0.3					0.2
A13	A13	L650400	539828	6988676	30-Jun-08	<0.002	793	0.002	284	<5	101	0.303	0.0001
A15	A15	L650400	539732	6988798	30-Jun-08	<0.002	398	<0.001	153	<5	102	0.216	<0.0001
A38	A38	L650400	540500	6988254	30-Jun-08	<0.002	792	0.002	291	<5	103	0.083	<0.0001
A54	A54	L636726	540135	6988794	30-May-08	<0.002	437	0.001	151	<5	95.9	0.011	<0.0001
A54	A54	L650400	540135	6988794	30-Jun-08	<0.002	876	0.001	309	<5	98.7	0.028	<0.0001
A54	A54	L672351	540135	6988794	19-Aug-08	<0.002	1250	0.001	406	<5	94.3	0.040	0.0004
A8-7	A8-7	L650400	540748	6986690	01-Jul-08	<0.002	111	<0.001	46	<5	106	0.080	<0.0001
X8-7	X8-7	L650400	540748	6986690	01-Jul-08	<0.002	111	<0.001	44	<5	104	0.073	<0.0001
A9	A9	L650400	540194	6988142	30-Jun-08	<0.002	772	0.002	299	<5	102	0.151	<0.0001
CONTROL	CT	L650400	535001	6986333	01-Jul-08	<0.002	63.0	<0.001	21	<5	Low EC	0.017	<0.0001
MEL1	MEL1	L650400	541934	6989173	30-Jun-08	<0.002	61.4	<0.001	18	<5	Low EC	0.017	0.0002
MEL1	MEL1	L672351	541934	6989173	19-Aug-08	<0.002	66.2	0.003	20	<5	Low EC	0.046	<0.0001
MEL2	MEL2	L650400	540681	6986702	30-Jun-08	<0.002	113	<0.001	41	<5	95.3	0.072	<0.0001
MEL2	MEL2	L672351	540681	6986702	19-Aug-08	<0.002	132	<0.001	52	<5	97.1	0.136	<0.0001
MEL3	MEL3	L650400	542083	6989004	30-Jun-08	0.011	668	0.007	101	<5	103	0.798	0.0385
MEL3	MEL3	L672351	542083	6989004	19-Aug-08	0.008	695	0.016	118	<5	102	1.08	0.0203
MEL4	MEL4	L650400	542092	6989012	30-Jun-08	<0.002	66.7	<0.001	20	<5	Low EC	0.029	<0.0001
MEL4	MEL4	L672351	542092	6989012	19-Aug-08	<0.002	71.9	0.001	20	<5	Low EC	0.044	0.0002
ML-R	ML-R	L650400	544778	6971712	01-Jul-08	<0.002	85.2	0.001	26	<5	Low EC	0.260	0.0002
PRIMARY 1	P1	L636726	539901	6988966	30-May-08	<0.002	374	0.001	145	<5	106	0.028	0.0001
P1	P1	L650400	539901	6988966	30-Jun-08	<0.002	702	0.002	277	<5	102	0.062	0.0003
P1	P1	L672351	539901	6988966	19-Aug-08	<0.002	1800	0.002	626	<5	91.3	0.168	0.0012
PRIMARY 2	P2	L636726	539952	6988927	30-May-08	<0.002	390	0.002	156	<5	104	0.021	<0.0001

Previously Reported

Field Duplicate (A8-7)

Appendix A: 2008 Water Sample Results Compilation

SampleID	Label	Lab_Report	UTM_E	UTM_N	Sample_Date	Li_mgL	Mg_mgL	Mn_mgL	Hg_mgL	Fecal_Col_CFU_100ml	Mo_mgL	Ni_mgL	Nitra_Nitri_N_mgL
CCME Prot Aq									0.0001	0	0.073	.025-.15	
CCME Drinking								0.05	0.001	0			
MMER												0.5	
A13	A13	L650400	539828	6988676	30-Jun-08	0.040	14.6	0.012	<0.00010		<0.005	0.005	<0.1
A15	A15	L650400	539732	6988798	30-Jun-08	0.023	5.7	0.005	<0.00010		<0.005	<0.002	<0.1
A38	A38	L650400	540500	6988254	30-Jun-08	0.033	12.8	0.008	<0.00010		<0.005	0.004	4.1
A54	A54	L636726	540135	6988794	30-May-08	0.016	5.8	0.002	<0.0001		<0.005	0.003	4.1
A54	A54	L650400	540135	6988794	30-Jun-08	0.035	14.5	0.003	<0.00010		<0.005	0.004	6.3
A54	A54	L672351	540135	6988794	19-Aug-08	0.05	20.4	0.004	<0.00010		<0.005	0.004	7.5
A8-7	A8-7	L650400	540748	6986690	01-Jul-08	0.003	2.0	0.006	<0.00010		<0.005	<0.002	<0.1
X8-7	X8-7	L650400	540748	6986690	01-Jul-08	0.003	1.9	0.005	<0.00010		<0.005	<0.002	<0.1
A9	A9	L650400	540194	6988142	30-Jun-08	0.038	12.7	0.010	<0.00010		<0.005	0.004	<0.1
CONTROL	CT	L650400	535001	6986333	01-Jul-08	<0.003	0.8	0.002	<0.00010		<0.005	<0.002	<0.1
MEL1	MEL1	L650400	541934	6989173	30-Jun-08	<0.003	1.0	0.003	<0.00010	<1	<0.005	<0.002	<0.1
MEL1	MEL1	L672351	541934	6989173	19-Aug-08	<0.01	1.0	0.008	<0.00010	1	<0.005	<0.002	<0.1
MEL2	MEL2	L650400	540681	6986702	30-Jun-08	0.004	1.8	0.005	<0.00010		<0.005	<0.002	<0.1
MEL2	MEL2	L672351	540681	6986702	19-Aug-08	<0.01	2.3	0.009	<0.00010		<0.005	<0.002	<0.1
MEL3	MEL3	L650400	542083	6989004	30-Jun-08	0.005	2.9	0.490	<0.00010	5000	<0.005	0.034	<0.1
MEL3	MEL3	L672351	542083	6989004	19-Aug-08	0.02	3.2	0.39	<0.00010	1600	<0.005	0.035	0.3
MEL4	MEL4	L650400	542092	6989012	30-Jun-08	<0.003	1.0	0.004	<0.00010	<1	<0.005	<0.002	<0.1
MEL4	MEL4	L672351	542092	6989012	19-Aug-08	<0.01	1.0	0.005	<0.00010	19	<0.005	<0.002	<0.1
ML-R	ML-R	L650400	544778	6971712	01-Jul-08	<0.003	1.3	0.007	<0.00010		<0.005	<0.002	<0.1
PRIMARY 1	P1	L636726	539901	6988966	30-May-08	0.008	5.6	0.004	<0.0001		<0.005	0.004	2.1
P1	P1	L650400	539901	6988966	30-Jun-08	0.016	9.8	0.044	<0.00010		<0.005	0.005	2.8
P1	P1	L672351	539901	6988966	19-Aug-08	0.04	23.8	0.076	<0.00010		<0.005	0.009	6.2
PRIMARY 2	P2	L636726	539952	6988927	30-May-08	0.013	7.2	0.081	<0.0001		<0.005	0.004	2.2

Previously Reported

Field Duplicate (A8-7)

Appendix A: 2008 Water Sample Results Compilation

SampleID	Label	Lab_Report	UTM_E	UTM_N	Sample_Date	Nitra_N_mgL	Nitri_N_mgL	O_and_G_mgL	PO4_P_mgL	pH_lab	Phos_tot_mgL	Phos_tot_diss_mgL	K_mgL
CCME Prot Aq						2.9	0.06			6.5-9	0.03		
CCME Drinking						10	3.2			6.5-8.5			
MMER													
A13	A13	L650400	539828	6988676	30-Jun-08	<0.1	<0.05			7.9	<0.02		4.3
A15	A15	L650400	539732	6988798	30-Jun-08	<0.1	<0.05			7.5	<0.02		1.4
A38	A38	L650400	540500	6988254	30-Jun-08	4.0	0.07			8.0	<0.02		5.7
A54	A54	L636726	540135	6988794	30-May-08	4.0	0.09			7.7	<0.02	<0.02	3.7
A54	A54	L650400	540135	6988794	30-Jun-08	6.1	0.17			7.9	<0.02		7.1
A54	A54	L672351	540135	6988794	19-Aug-08	7.4	0.16			7.9	<0.02		10.4
A8-7	A8-7	L650400	540748	6986690	01-Jul-08	<0.1	<0.05			7.7	<0.02		0.8
X8-7	X8-7	L650400	540748	6986690	01-Jul-08	<0.1	<0.05			7.7	<0.02		0.8
A9	A9	L650400	540194	6988142	30-Jun-08	<0.1	<0.05			7.9	<0.02		4.3
CONTROL	CT	L650400	535001	6986333	01-Jul-08	<0.1	<0.05			7.6	<0.02		0.7
MEL1	MEL1	L650400	541934	6989173	30-Jun-08	<0.1	<0.05	<1	<0.01	7.4	<0.02		0.8
MEL1	MEL1	L672351	541934	6989173	19-Aug-08	<0.1	<0.05	<1	<0.01	7.5	<0.02		0.7
MEL2	MEL2	L650400	540681	6986702	30-Jun-08	<0.1	<0.05	<1	<0.01	7.6	<0.02		0.7
MEL2	MEL2	L672351	540681	6986702	19-Aug-08	<0.1	<0.05	<1	<0.01	7.8	<0.02		1.0
MEL3	MEL3	L650400	542083	6989004	30-Jun-08	<0.1	<0.05	7	3.59	7.7	4.19		5.4
MEL3	MEL3	L672351	542083	6989004	19-Aug-08	0.3	<0.05	2	2.85	7.7	2.87		6
MEL4	MEL4	L650400	542092	6989012	30-Jun-08	<0.1	<0.05	<1	0.01	7.4	0.02		<0.5
MEL4	MEL4	L672351	542092	6989012	19-Aug-08	<0.1	<0.05	<1	0.02	7.6	0.02		0.9
ML-R	ML-R	L650400	544778	6971712	01-Jul-08	<0.1	<0.05			7.6	<0.02		1.0
PRIMARY 1	P1	L636726	539901	6988966	30-May-08	2.0	0.09			7.6	0.02	<0.02	3.9
P1	P1	L650400	539901	6988966	30-Jun-08	2.6	0.21	<1		8.1	<0.02		6.5
P1	P1	L672351	539901	6988966	19-Aug-08	5.9	0.30	<1		8.1	<0.02		15.8
PRIMARY 2	P2	L636726	539952	6988927	30-May-08	2.1	0.09			7.7	0.06	<0.02	4.0

Previously Reported

Field Duplicate (A8-7)

Appendix A: 2008 Water Sample Results Compilation

SampleID	Label	Lab_Report	UTM_E	UTM_N	Sample_Date	Se_mgL	Si_reac_solu_mgL	Ag_mgL	Na_mgL	Sr_mgL	SO4_mgL	TDS_calc_mgL	Tl_mgL	Sn_mgL
CCME Prot Aq						0.001								
CCME Drinking						0.01			200		500	500		
MMER														
A13	A13	L650400	539828	6988676	30-Jun-08	0.0013		<0.0001	27		22.2	380	<0.0001	<0.05
A15	A15	L650400	539732	6988798	30-Jun-08	0.0009		<0.0001	5		3.4	179	<0.0001	<0.05
A38	A38	L650400	540500	6988254	30-Jun-08	0.0008		<0.0001	23		29.4	386	<0.0001	<0.05
A54	A54	L636726	540135	6988794	30-May-08	<0.0004	1.3	<0.0001	12		12.9	219	<0.0001	<0.05
A54	A54	L650400	540135	6988794	30-Jun-08	0.0009		<0.0001	29		34.8	439	<0.0001	<0.05
A54	A54	L672351	540135	6988794	19-Aug-08	0.0014		<0.0004	46	1.31	48.3	622	<0.0001	<0.05
A8-7	A8-7	L650400	540748	6986690	01-Jul-08	<0.0004		<0.0001	3		2.7	54	<0.0001	<0.05
X8-7	X8-7	L650400	540748	6986690	01-Jul-08	<0.0004		<0.0001	3		2.6	54	<0.0001	<0.05
A9	A9	L650400	540194	6988142	30-Jun-08	0.0012		<0.0001	16		15.7	366	<0.0001	<0.05
CONTROL	CT	L650400	535001	6986333	01-Jul-08	<0.0004		<0.0001	4		1.9	30	<0.0001	<0.05
MEL1	MEL1	L650400	541934	6989173	30-Jun-08	<0.0004		<0.0001	5		3.0	31	<0.0001	<0.05
MEL1	MEL1	L672351	541934	6989173	19-Aug-08	<0.0004		<0.0004	4	0.033	3.3	32	<0.0001	<0.05
MEL2	MEL2	L650400	540681	6986702	30-Jun-08	<0.0004		<0.0001	3		2.5	53	<0.0001	<0.05
MEL2	MEL2	L672351	540681	6986702	19-Aug-08	0.0004		<0.0004	3	0.100	2.6	64	<0.0001	<0.05
MEL3	MEL3	L650400	542083	6989004	30-Jun-08	<0.0004		<0.0001	114		26.9	381	<0.0001	<0.05
MEL3	MEL3	L672351	542083	6989004	19-Aug-08	0.0066		<0.0004	110	0.286	24.8	390	<0.0001	<0.05
MEL4	MEL4	L650400	542092	6989012	30-Jun-08	<0.0004		<0.0001	5		3.5	33	<0.0001	<0.05
MEL4	MEL4	L672351	542092	6989012	19-Aug-08	0.0007		<0.0004	5	0.032	3.4	34	<0.0001	<0.05
ML-R	ML-R	L650400	544778	6971712	01-Jul-08	<0.0004		<0.0001	5		4.0	43	<0.0001	<0.05
PRIMARY 1	P1	L636726	539901	6988966	30-May-08	<0.0004	2.8	<0.0001	9		6.9	185	<0.0001	<0.05
P1	P1	L650400	539901	6988966	30-Jun-08	0.0008		<0.0001	16		13.4	344	<0.0001	<0.05
P1	P1	L672351	539901	6988966	19-Aug-08	0.0022		<0.0004	48	1.64	30.8	898	<0.0001	<0.05
PRIMARY 2	P2	L636726	539952	6988927	30-May-08	<0.0004	2.7	<0.0001	11		11.8	203	<0.0001	<0.05

Previously Reported

Field Duplicate (A8-7)

Appendix A: 2008 Water Sample Results Compilation

SampleID	Label	Lab_Report	UTM_E	UTM_N	Sample_Date	Ti_mgL	C_tot_mgL	C_tot_inorg_mgL	TSS_mgL	Turb_NTU	U_mgL	V_mgL	Zn_mgL
CCME Prot Aq									29				0.03
CCME Drinking										1			5
MMER									15				0.5
A13	A13	L650400	539828	6988676	30-Jun-08	<0.001			<3	1.3	0.0004	0.002	0.029
A15	A15	L650400	539732	6988798	30-Jun-08	<0.001			<3	0.40	<0.0001	<0.001	<0.002
A38	A38	L650400	540500	6988254	30-Jun-08	<0.001			<3	0.50	0.0003	0.001	0.032
A54	A54	L636726	540135	6988794	30-May-08	<0.001	10		<3	2.0	0.0002	<0.001	0.014
A54	A54	L650400	540135	6988794	30-Jun-08	<0.001			<3	<0.1	0.0004	0.002	0.031
A54	A54	L672351	540135	6988794	19-Aug-08	<0.001			<3	0.55	0.0003	<0.001	0.030
A8-7	A8-7	L650400	540748	6986690	01-Jul-08	<0.001			<3	<0.1	<0.0001	<0.001	0.029
X8-7	X8-7	L650400	540748	6986690	01-Jul-08	<0.001			4	<0.1	<0.0001	<0.001	0.029
A9	A9	L650400	540194	6988142	30-Jun-08	<0.001			<3	0.45	0.0001	0.001	<0.002
CONTROL	CT	L650400	535001	6986333	01-Jul-08	<0.001			<3	<0.1	<0.0001	<0.001	0.030
MEL1	MEL1	L650400	541934	6989173	30-Jun-08	<0.001	6	3	<3	<0.1	0.0001	<0.001	0.033
MEL1	MEL1	L672351	541934	6989173	19-Aug-08	<0.001	6	3	<3	0.25	<0.0001	<0.001	0.025
MEL2	MEL2	L650400	540681	6986702	30-Jun-08	<0.001	9	6	<3	0.15	<0.0001	<0.001	<0.002
MEL2	MEL2	L672351	540681	6986702	19-Aug-08	<0.001	11	7	<3	0.70	<0.0001	<0.001	<0.004
MEL3	MEL3	L650400	542083	6989004	30-Jun-08	0.012	112	63	10	2.8	<0.0001	<0.001	0.077
MEL3	MEL3	L672351	542083	6989004	19-Aug-08	0.012	118	67	39	19	0.0002	<0.001	0.079
MEL4	MEL4	L650400	542092	6989012	30-Jun-08	<0.001	8	4	3	<0.1	<0.0001	<0.001	0.026
MEL4	MEL4	L672351	542092	6989012	19-Aug-08	<0.001	7	4	<3	0.65	<0.0001	<0.001	0.020
ML-R	ML-R	L650400	544778	6971712	01-Jul-08	0.011			22	2.4	<0.0001	<0.001	0.035
PRIMARY 1	P1	L636726	539901	6988966	30-May-08	<0.001	12		<3	2.2	<0.0001	<0.001	0.008
P1	P1	L650400	539901	6988966	30-Jun-08	<0.001			5	1.0	0.0003	<0.001	0.029
P1	P1	L672351	539901	6988966	19-Aug-08	<0.001			4	1.8	0.0009	<0.001	0.004
PRIMARY 2	P2	L636726	539952	6988927	30-May-08	<0.001	14		44	40	0.0002	<0.001	0.004

Previously Reported

Field Duplicate (A8-7)

538250 mE
538750 mE
539250 mE
539750 mE
540250 mE
540750 mE
541250 mE
541750 mE
542250 mE
542750 mE
6989250 mN
6988750 mN
6988250 mN
N
Woody Lake
Primary (P1) Containment
Operations Pad
Sump
Peanut Lake (A54)
Services Pad
Pond A15
Pond A13
Portal
Underground Development
Meliadine Lake Camp Raw (MEL-1)
Bulk Fuel (Diesel)
Camp Grey Water (MEL-3)
Meliadine Lake - grey water outflow (MEL-4)
Camp Area
Bulk Fuel (Diesel)
Bulk Fuel (Jet A)
Meliadine Lake
Pond A38
Pond A9
Receiving Waters Pump Lake (Lake A8 - MEL-2)
Pump Lake
Stream (A8-7)
To Meliadine Lake
0 100 200 300
Meters
Scale: 1:12,500
Grid: NAD83 Z15
Containment Pond
Red line is water surface outline at maximum fill
Stream Flow Direction
Watershed Boundary
Water Sample Result (This Report)
Other Project Water Sample Location

N
Meliadine Lake
Fig. 1
Control Lake (CT)
6985000 mN
6975000 mN
540000 mE
0 1 2 3
Kilometres
Meliadine River
Meliadine River (ML-R) near Rankin Inlet
Other Water Sampling Sites

PROJECT
MELIADINE WEST PROJECT
PROJECT DETAIL
TIRIGANIAQ UNDERGROUND PROGRAM
TITLE
AUGUST 2008 WATER SAMPLES
Water Sampling Locations
DRAWING SB
DATE Sept 2008
PROJECT No. 3.393
COMAPLEX
COMAPLEX MINERALS CORP.
CALGARY - CANADA
File: CMF GIS Database
Figure 1

Station Name	Rankin Inlet		
Latitude	62.82	Elevation	28.7
Longitude	-92.12	TC Identifier	YRT

Date/Time	MaxTemp	MinTemp	Total Rain (mm)	MaxGustDirection	MaxGustSpeed
01/08/2008	15.2	7.5	0	0	0
02/08/2008	12.9	7.5	0	0	0
03/08/2008	9.9	7.3	2.6	0	0
04/08/2008	12.6	8.9	1	0	0
05/08/2008	16.1	8.8	0.6	0	0
06/08/2008	17.7	11.4	0	33	65
07/08/2008	17.1	9.2	1.2	33	56
08/08/2008	19.3	9.3	0	0	0
09/08/2008	16	8.4	2.4	0	0
10/08/2008	12.4	7.8	0	0	0
11/08/2008	13.4	7.8	0	0	0
12/08/2008	19.2	8.8	0	0	0
13/08/2008	14.6	7.5	0	0	0
14/08/2008	13.6	6.8	24	15	46
15/08/2008	14.1	8.5	1.2	1	74
16/08/2008	15.4	6.9	0	33	46
17/08/2008	17	9.8	0	0	0
18/08/2008	17.6	8.9	0	0	0
19/08/2008	19	9.1	3.3	31	74
20/08/2008	9.6	2.6	0	33	65
21/08/2008	10.7	2.5	0	0	0
22/08/2008	12.4	4.2	0	0	0
23/08/2008	13.5	3.5	0	0	0
24/08/2008	11.2	6.6	0	1	35
25/08/2008	7.4	5.3	2.6	0	0
26/08/2008	7.4	6.1	4.8	10	54
27/08/2008	8.4	6	8	10	83
28/08/2008	8.9	7.2	3	16	56
29/08/2008	11.9	6.2	0	16	46
30/08/2008	13.7	7.6	0.4	22	33
31/08/2008	11.8	7.6	18.9	29	72

Preliminary Data

Certificate of Analysis

COMAPLEX MINERALS CORP

ATTN: S. BARHAM

901, 1015 - 4th STREET SW

CALGARY AB T2R 1J4

Reported On: 28-AUG-08 10:50 AM

Lab Work Order #: L672351 **Date Received:** 21-AUG-08

Project P.O. #:
Job Reference: 3.393
Legal Site Desc:
CofC Numbers:

Other Information:

Comments:

SHANNON LUCHKA
Account Manager

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L672351-1 MEL1								
Sampled By: ME on 19-AUG-08 @ 14:50								
Matrix: WATER								
Total Metals - CCME								
Mercury (Hg) - Total								
Mercury (Hg)-Total	<0.00010		0.00010	mg/L		22-AUG-08	HAS	R712520
Total Major Metals								
Calcium (Ca)	6.3		0.5	mg/L		25-AUG-08	BOC	R713703
Potassium (K)	0.6		0.1	mg/L		25-AUG-08	BOC	R713703
Magnesium (Mg)	1.0		0.1	mg/L		25-AUG-08	BOC	R713703
Sodium (Na)	4		1	mg/L		25-AUG-08	BOC	R713703
Iron (Fe)	0.046		0.005	mg/L		25-AUG-08	BOC	R713703
Manganese (Mn)	0.008		0.001	mg/L		25-AUG-08	BOC	R713703
Total Trace Metals								
Silver (Ag)	<0.0004		0.0004	mg/L		27-AUG-08	SYF	R714842
Aluminum (Al)	<0.01		0.01	mg/L		27-AUG-08	SYF	R714842
Arsenic (As)	0.0004		0.0004	mg/L		27-AUG-08	SYF	R714842
Boron (B)	<0.05		0.05	mg/L		27-AUG-08	SYF	R714842
Barium (Ba)	0.007		0.003	mg/L		27-AUG-08	SYF	R714842
Beryllium (Be)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Cadmium (Cd)	<0.0002		0.0002	mg/L		27-AUG-08	SYF	R714842
Cobalt (Co)	<0.002		0.002	mg/L		27-AUG-08	SYF	R714842
Chromium (Cr)	<0.005		0.005	mg/L		27-AUG-08	SYF	R714842
Copper (Cu)	0.003		0.001	mg/L		27-AUG-08	SYF	R714842
Lithium (Li)	<0.01		0.01	mg/L		27-AUG-08	SYF	R714842
Molybdenum (Mo)	<0.005		0.005	mg/L		27-AUG-08	SYF	R714842
Nickel (Ni)	<0.002		0.002	mg/L		27-AUG-08	SYF	R714842
Lead (Pb)	<0.0001		0.0001	mg/L		27-AUG-08	SYF	R714842
Antimony (Sb)	<0.0004		0.0004	mg/L		27-AUG-08	SYF	R714842
Selenium (Se)	<0.0004		0.0004	mg/L		27-AUG-08	SYF	R714842
Tin (Sn)	<0.05		0.05	mg/L		27-AUG-08	SYF	R714842
Titanium (Ti)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Thallium (Tl)	<0.0001		0.0001	mg/L		27-AUG-08	SYF	R714842
Uranium (U)	<0.0001		0.0001	mg/L		27-AUG-08	SYF	R714842
Vanadium (V)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Zinc (Zn)	0.025		0.004	mg/L		27-AUG-08	SYF	R714842
Ammonia-N	<0.05		0.05	mg/L		22-AUG-08	LMK	R712473
Biochemical Oxygen Demand	<2		2	mg/L		21-AUG-08	EKC	R714292
MF - Fecal Coliforms	1		1	CFU/100mL		21-AUG-08	PBR	R714006
Oil and Grease	<1		1	mg/L		22-AUG-08	FOD	R712820
Orthophosphate (PO4-P)	<0.01		0.01	mg/L		22-AUG-08	KFA	R712764
Phosphorus, Total Diss.	<0.02	SFP	0.02	mg/L	22-AUG-08	23-AUG-08	AYX	R713087
Strontium (Sr)-Total	0.033		0.002	mg/L		27-AUG-08	SYF	R714842
Total Carbon	6		1	mg/L		22-AUG-08	ZOW	R713298
Total Inorganic Carbon	3		1	mg/L		22-AUG-08	ZOW	R712125
Total Suspended Solids	<3		3	mg/L		22-AUG-08	SVG	R712746
Turbidity	0.25		0.1	NTU		22-AUG-08	JIH	R713409
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	7		1	mg/L		22-AUG-08	KFA	R712788
ICP metals and SO4 for routine water								
Calcium (Ca)	6.5		0.5	mg/L		21-AUG-08	WYA	R711990
Potassium (K)	0.7		0.5	mg/L		21-AUG-08	WYA	R711990
Magnesium (Mg)	1.0		0.1	mg/L		21-AUG-08	WYA	R711990

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L672351-1 MEL1								
Sampled By: ME on 19-AUG-08 @ 14:50								
Matrix: WATER								
Routine Water Analysis								
ICP metals and SO4 for routine water								
Sodium (Na)	4		1	mg/L		21-AUG-08	WYA	R711990
Sulfate (SO4)	3.3		0.5	mg/L		21-AUG-08	WYA	R711990
Ion Balance Calculation								
Ion Balance	Low EC			%		22-AUG-08		
TDS (Calculated)	32			mg/L		22-AUG-08		
Hardness (as CaCO3)	20			mg/L		22-AUG-08		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		22-AUG-08	JXD	R712950
Nitrate-N	<0.1		0.1	mg/L		22-AUG-08	JXD	R712950
Nitrite-N	<0.05		0.05	mg/L		22-AUG-08	JXD	R712950
pH, Conductivity and Total Alkalinity								
pH	7.5		0.1	pH		22-AUG-08	CLTT	R712681
Conductivity (EC)	66.2		0.2	uS/cm		22-AUG-08	CLTT	R712681
Bicarbonate (HCO3)	18		5	mg/L		22-AUG-08	CLTT	R712681
Carbonate (CO3)	<5		5	mg/L		22-AUG-08	CLTT	R712681
Hydroxide (OH)	<5		5	mg/L		22-AUG-08	CLTT	R712681
Alkalinity, Total (as CaCO3)	15		5	mg/L		22-AUG-08	CLTT	R712681
L672351-2 MEL2								
Sampled By: ME on 19-AUG-08 @ 18:25								
Matrix: WATER								
Total Metals - CCME								
Mercury (Hg) - Total								
Mercury (Hg)-Total	<0.00010		0.00010	mg/L		22-AUG-08	HAS	R712520
Total Major Metals								
Calcium (Ca)	16.3		0.5	mg/L		26-AUG-08	BOC	R714330
Potassium (K)	1.0		0.1	mg/L		26-AUG-08	BOC	R714330
Magnesium (Mg)	2.1		0.1	mg/L		26-AUG-08	BOC	R714330
Sodium (Na)	3		1	mg/L		26-AUG-08	BOC	R714330
Iron (Fe)	0.136		0.005	mg/L		26-AUG-08	BOC	R714330
Manganese (Mn)	0.009		0.001	mg/L		26-AUG-08	BOC	R714330
Total Trace Metals								
Silver (Ag)	<0.0004	RAMB	0.0004	mg/L		27-AUG-08	SYF	R714842
Aluminum (Al)	<0.01		0.01	mg/L		27-AUG-08	SYF	R714842
Arsenic (As)	0.0024		0.0004	mg/L		27-AUG-08	SYF	R714842
Boron (B)	<0.05		0.05	mg/L		27-AUG-08	SYF	R714842
Barium (Ba)	0.014		0.003	mg/L		27-AUG-08	SYF	R714842
Beryllium (Be)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Cadmium (Cd)	<0.0002		0.0002	mg/L		27-AUG-08	SYF	R714842
Cobalt (Co)	<0.002		0.002	mg/L		27-AUG-08	SYF	R714842
Chromium (Cr)	<0.005		0.005	mg/L		27-AUG-08	SYF	R714842
Copper (Cu)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Lithium (Li)	<0.01		0.01	mg/L		27-AUG-08	SYF	R714842
Molybdenum (Mo)	<0.005		0.005	mg/L		27-AUG-08	SYF	R714842
Nickel (Ni)	<0.002		0.002	mg/L		27-AUG-08	SYF	R714842
Lead (Pb)	<0.0001		0.0001	mg/L		27-AUG-08	SYF	R714842
Antimony (Sb)	<0.0004		0.0004	mg/L		27-AUG-08	SYF	R714842
Selenium (Se)	0.0004		0.0004	mg/L		27-AUG-08	SYF	R714842
Tin (Sn)	<0.05		0.05	mg/L		27-AUG-08	SYF	R714842
Titanium (Ti)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Thallium (Tl)	<0.0001		0.0001	mg/L		27-AUG-08	SYF	R714842
Uranium (U)	<0.0001		0.0001	mg/L		27-AUG-08	SYF	R714842

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L672351-2 MEL2								
Sampled By: ME on 19-AUG-08 @ 18:25								
Matrix: WATER								
Total Metals - CCME								
Total Trace Metals								
Vanadium (V)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Zinc (Zn)	<0.004		0.004	mg/L		27-AUG-08	SYF	R714842
Ammonia-N	<0.05		0.05	mg/L		22-AUG-08	LMK	R712473
Biochemical Oxygen Demand	<2		2	mg/L		21-AUG-08	EKC	R714292
Oil and Grease	<1		1	mg/L		22-AUG-08	FOD	R712820
Orthophosphate (PO4-P)	<0.01		0.01	mg/L		22-AUG-08	KFA	R712764
Phosphorus, Total Diss.	<0.02	SFP	0.02	mg/L	22-AUG-08	23-AUG-08	AYX	R713087
Strontium (Sr)-Total	0.100		0.002	mg/L		27-AUG-08	SYF	R714842
Total Carbon	11		1	mg/L		22-AUG-08	ZOW	R713298
Total Inorganic Carbon	7		1	mg/L		22-AUG-08	ZOW	R712125
Total Suspended Solids	<3		3	mg/L		22-AUG-08	SVG	R712746
Turbidity	0.70		0.1	NTU		22-AUG-08	JIH	R713409
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	19		1	mg/L		22-AUG-08	KFA	R712788
ICP metals and SO4 for routine water								
Calcium (Ca)	17.0		0.5	mg/L		21-AUG-08	WYA	R711990
Potassium (K)	1.0		0.5	mg/L		21-AUG-08	WYA	R711990
Magnesium (Mg)	2.3		0.1	mg/L		21-AUG-08	WYA	R711990
Sodium (Na)	3		1	mg/L		21-AUG-08	WYA	R711990
Sulfate (SO4)	2.6		0.5	mg/L		21-AUG-08	WYA	R711990
Ion Balance Calculation								
Ion Balance	97.1			%		22-AUG-08		
TDS (Calculated)	64			mg/L		22-AUG-08		
Hardness (as CaCO3)	52			mg/L		22-AUG-08		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		22-AUG-08	JXD	R712950
Nitrate-N	<0.1		0.1	mg/L		22-AUG-08	JXD	R712950
Nitrite-N	<0.05		0.05	mg/L		22-AUG-08	JXD	R712950
pH, Conductivity and Total Alkalinity								
pH	7.8		0.1	pH		22-AUG-08	CLTT	R712681
Conductivity (EC)	132		0.2	uS/cm		22-AUG-08	CLTT	R712681
Bicarbonate (HCO3)	39		5	mg/L		22-AUG-08	CLTT	R712681
Carbonate (CO3)	<5		5	mg/L		22-AUG-08	CLTT	R712681
Hydroxide (OH)	<5		5	mg/L		22-AUG-08	CLTT	R712681
Alkalinity, Total (as CaCO3)	32		5	mg/L		22-AUG-08	CLTT	R712681
L672351-3 MEL3								
Sampled By: ME on 19-AUG-08 @ 15:30								
Matrix: WATER								
Total Metals - CCME								
Mercury (Hg) - Total								
Mercury (Hg)-Total	<0.00010		0.00010	mg/L		22-AUG-08	HAS	R712520
Total Major Metals								
Calcium (Ca)	43	DLM	5	mg/L		25-AUG-08	BOC	R713703
Potassium (K)	6	DLM	1	mg/L		25-AUG-08	BOC	R713703
Magnesium (Mg)	3	DLM	1	mg/L		25-AUG-08	BOC	R713703
Sodium (Na)	110	DLM	10	mg/L		25-AUG-08	BOC	R713703
Iron (Fe)	1.08	DLM	0.05	mg/L		25-AUG-08	BOC	R713703
Manganese (Mn)	0.39	DLM	0.01	mg/L		25-AUG-08	BOC	R713703

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L672351-3 MEL3								
Sampled By: ME on 19-AUG-08 @ 15:30								
Matrix: WATER								
Total Metals - CCME								
Total Trace Metals								
Silver (Ag)	<0.0004	RAMB	0.0004	mg/L		27-AUG-08	SYF	R714842
Aluminum (Al)	0.28		0.01	mg/L		27-AUG-08	SYF	R714842
Arsenic (As)	0.0099		0.0004	mg/L		27-AUG-08	SYF	R714842
Boron (B)	<0.05		0.05	mg/L		27-AUG-08	SYF	R714842
Barium (Ba)	0.045		0.003	mg/L		27-AUG-08	SYF	R714842
Beryllium (Be)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Cadmium (Cd)	0.0003		0.0002	mg/L		27-AUG-08	SYF	R714842
Cobalt (Co)	0.008		0.002	mg/L		27-AUG-08	SYF	R714842
Chromium (Cr)	<0.005		0.005	mg/L		27-AUG-08	SYF	R714842
Copper (Cu)	0.016		0.001	mg/L		27-AUG-08	SYF	R714842
Lithium (Li)	0.02		0.01	mg/L		27-AUG-08	SYF	R714842
Molybdenum (Mo)	<0.005		0.005	mg/L		27-AUG-08	SYF	R714842
Nickel (Ni)	0.035		0.002	mg/L		27-AUG-08	SYF	R714842
Lead (Pb)	0.0203		0.0001	mg/L		27-AUG-08	SYF	R714842
Antimony (Sb)	0.0015		0.0004	mg/L		27-AUG-08	SYF	R714842
Selenium (Se)	0.0066		0.0004	mg/L		27-AUG-08	SYF	R714842
Tin (Sn)	<0.05		0.05	mg/L		27-AUG-08	SYF	R714842
Titanium (Ti)	0.012		0.001	mg/L		27-AUG-08	SYF	R714842
Thallium (Tl)	<0.0001		0.0001	mg/L		27-AUG-08	SYF	R714842
Uranium (U)	0.0002		0.0001	mg/L		27-AUG-08	SYF	R714842
Vanadium (V)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Zinc (Zn)	0.079		0.004	mg/L		27-AUG-08	SYF	R714842
Ammonia-N	3.22		0.05	mg/L		22-AUG-08	LMK	R712473
Biochemical Oxygen Demand	17		2	mg/L		21-AUG-08	EKC	R714292
MF - Fecal Coliforms	1600		1	CFU/100mL		21-AUG-08	PBR	R714006
Oil and Grease	2		1	mg/L		22-AUG-08	FOD	R712820
Orthophosphate (PO4-P)	2.85		0.01	mg/L		22-AUG-08	KFA	R712764
Phosphorus, Total Diss.	2.87	SFP	0.02	mg/L	22-AUG-08	23-AUG-08	AYX	R713087
Strontium (Sr)-Total	0.286		0.002	mg/L		27-AUG-08	SYF	R714842
Total Carbon	118		1	mg/L		22-AUG-08	ZOW	R713298
Total Inorganic Carbon	67		1	mg/L		22-AUG-08	ZOW	R712125
Total Suspended Solids	39		3	mg/L		22-AUG-08	SVG	R712746
Turbidity	19		0.1	NTU		22-AUG-08	JIH	R713409
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	42		1	mg/L		22-AUG-08	KFA	R712788
ICP metals and SO4 for routine water								
Calcium (Ca)	41.9		0.5	mg/L		21-AUG-08	WYA	R711990
Potassium (K)	5.5		0.5	mg/L		21-AUG-08	WYA	R711990
Magnesium (Mg)	3.2		0.1	mg/L		21-AUG-08	WYA	R711990
Sodium (Na)	107		1	mg/L		21-AUG-08	WYA	R711990
Sulfate (SO4)	24.8		0.5	mg/L		21-AUG-08	WYA	R711990
Ion Balance Calculation								
Ion Balance	102			%		22-AUG-08		
TDS (Calculated)	390			mg/L		22-AUG-08		
Hardness (as CaCO3)	118			mg/L		22-AUG-08		
Nitrate+Nitrite-N	0.3		0.1	mg/L		22-AUG-08	JXD	R712950
Nitrate-N	0.3		0.1	mg/L		22-AUG-08	JXD	R712950

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L672351-3 MEL3								
Sampled By: ME on 19-AUG-08 @ 15:30								
Matrix: WATER								
Routine Water Analysis								
Nitrite-N	<0.05		0.05	mg/L		22-AUG-08	JXD	R712950
pH, Conductivity and Total Alkalinity								
pH	7.7		0.1	pH		22-AUG-08	CLTT	R712681
Conductivity (EC)	695		0.2	uS/cm		22-AUG-08	CLTT	R712681
Bicarbonate (HCO3)	335		5	mg/L		22-AUG-08	CLTT	R712681
Carbonate (CO3)	<5		5	mg/L		22-AUG-08	CLTT	R712681
Hydroxide (OH)	<5		5	mg/L		22-AUG-08	CLTT	R712681
Alkalinity, Total (as CaCO3)	274		5	mg/L		22-AUG-08	CLTT	R712681
L672351-4 MEL4								
Sampled By: ME on 19-AUG-08 @ 15:20								
Matrix: WATER								
Total Metals - CCME								
Mercury (Hg) - Total								
Mercury (Hg)-Total	<0.00010		0.00010	mg/L		22-AUG-08	HAS	R712520
Total Major Metals								
Calcium (Ca)	6.0		0.5	mg/L		26-AUG-08	BOC	R714330
Potassium (K)	0.9		0.1	mg/L		26-AUG-08	BOC	R714330
Magnesium (Mg)	1.0		0.1	mg/L		26-AUG-08	BOC	R714330
Sodium (Na)	5		1	mg/L		26-AUG-08	BOC	R714330
Iron (Fe)	0.044		0.005	mg/L		26-AUG-08	BOC	R714330
Manganese (Mn)	0.005		0.001	mg/L		26-AUG-08	BOC	R714330
Total Trace Metals								
Silver (Ag)	<0.0004	RAMB	0.0004	mg/L		27-AUG-08	SYF	R714842
Aluminum (Al)	<0.01		0.01	mg/L		27-AUG-08	SYF	R714842
Arsenic (As)	0.0006		0.0004	mg/L		27-AUG-08	SYF	R714842
Boron (B)	<0.05		0.05	mg/L		27-AUG-08	SYF	R714842
Barium (Ba)	0.006		0.003	mg/L		27-AUG-08	SYF	R714842
Beryllium (Be)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Cadmium (Cd)	<0.0002		0.0002	mg/L		27-AUG-08	SYF	R714842
Cobalt (Co)	<0.002		0.002	mg/L		27-AUG-08	SYF	R714842
Chromium (Cr)	<0.005		0.005	mg/L		27-AUG-08	SYF	R714842
Copper (Cu)	0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Lithium (Li)	<0.01		0.01	mg/L		27-AUG-08	SYF	R714842
Molybdenum (Mo)	<0.005		0.005	mg/L		27-AUG-08	SYF	R714842
Nickel (Ni)	<0.002		0.002	mg/L		27-AUG-08	SYF	R714842
Lead (Pb)	0.0002		0.0001	mg/L		27-AUG-08	SYF	R714842
Antimony (Sb)	<0.0004		0.0004	mg/L		27-AUG-08	SYF	R714842
Selenium (Se)	0.0007		0.0004	mg/L		27-AUG-08	SYF	R714842
Tin (Sn)	<0.05		0.05	mg/L		27-AUG-08	SYF	R714842
Titanium (Ti)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Thallium (Tl)	<0.0001		0.0001	mg/L		27-AUG-08	SYF	R714842
Uranium (U)	<0.0001		0.0001	mg/L		27-AUG-08	SYF	R714842
Vanadium (V)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Zinc (Zn)	0.020		0.004	mg/L		27-AUG-08	SYF	R714842
Ammonia-N	<0.05		0.05	mg/L		22-AUG-08	LMK	R712473
Biochemical Oxygen Demand	<2		2	mg/L		21-AUG-08	EKC	R714292
MF - Fecal Coliforms	19		1	CFU/100mL		21-AUG-08	PBR	R714006
Oil and Grease	<1		1	mg/L		22-AUG-08	FOD	R712820
Orthophosphate (PO4-P)	0.02		0.01	mg/L		22-AUG-08	KFA	R712764
Phosphorus, Total Diss.	0.02	SFP	0.02	mg/L	22-AUG-08	23-AUG-08	AYX	R713087

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L672351-4 MEL4								
Sampled By: ME on 19-AUG-08 @ 15:20								
Matrix: WATER								
Strontium (Sr)-Total	0.032		0.002	mg/L		27-AUG-08	SYF	R714842
Total Carbon	7		1	mg/L		22-AUG-08	ZOW	R713298
Total Inorganic Carbon	4		1	mg/L		22-AUG-08	ZOW	R712125
Total Suspended Solids	<3		3	mg/L		22-AUG-08	SVG	R712746
Turbidity	0.65		0.1	NTU		22-AUG-08	JIH	R713409
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	8		1	mg/L		22-AUG-08	KFA	R712788
ICP metals and SO4 for routine water								
Calcium (Ca)	6.2		0.5	mg/L		21-AUG-08	WYA	R711990
Potassium (K)	0.8		0.5	mg/L		21-AUG-08	WYA	R711990
Magnesium (Mg)	1.0		0.1	mg/L		21-AUG-08	WYA	R711990
Sodium (Na)	5		1	mg/L		21-AUG-08	WYA	R711990
Sulfate (SO4)	3.4		0.5	mg/L		21-AUG-08	WYA	R711990
Ion Balance Calculation								
Ion Balance	Low EC			%		22-AUG-08		
TDS (Calculated)	34			mg/L		22-AUG-08		
Hardness (as CaCO3)	20			mg/L		22-AUG-08		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		22-AUG-08	JXD	R712950
Nitrate-N	<0.1		0.1	mg/L		22-AUG-08	JXD	R712950
Nitrite-N	<0.05		0.05	mg/L		22-AUG-08	JXD	R712950
pH, Conductivity and Total Alkalinity								
pH	7.6		0.1	pH		22-AUG-08	CLTT	R712681
Conductivity (EC)	71.9		0.2	uS/cm		22-AUG-08	CLTT	R712681
Bicarbonate (HCO3)	20		5	mg/L		22-AUG-08	CLTT	R712681
Carbonate (CO3)	<5		5	mg/L		22-AUG-08	CLTT	R712681
Hydroxide (OH)	<5		5	mg/L		22-AUG-08	CLTT	R712681
Alkalinity, Total (as CaCO3)	16		5	mg/L		22-AUG-08	CLTT	R712681
L672351-5 A54								
Sampled By: ME on 19-AUG-08 @ 16:55								
Matrix: WATER								
Total Metals - CCME								
Mercury (Hg) - Total								
Mercury (Hg)-Total	<0.00010		0.00010	mg/L		22-AUG-08	HAS	R712520
Total Major Metals								
Calcium (Ca)	120		0.5	mg/L		26-AUG-08	BOC	R714330
Potassium (K)	10.4		0.1	mg/L		26-AUG-08	BOC	R714330
Magnesium (Mg)	19.0		0.1	mg/L		26-AUG-08	BOC	R714330
Sodium (Na)	46		1	mg/L		26-AUG-08	BOC	R714330
Iron (Fe)	0.040		0.005	mg/L		26-AUG-08	BOC	R714330
Manganese (Mn)	0.004		0.001	mg/L		26-AUG-08	BOC	R714330
Total Trace Metals								
Silver (Ag)	<0.0004	RAMB	0.0004	mg/L		27-AUG-08	SYF	R714842
Aluminum (Al)	<0.01		0.01	mg/L		27-AUG-08	SYF	R714842
Arsenic (As)	0.0031		0.0004	mg/L		27-AUG-08	SYF	R714842
Boron (B)	<0.05		0.05	mg/L		27-AUG-08	SYF	R714842
Barium (Ba)	0.098		0.003	mg/L		27-AUG-08	SYF	R714842
Beryllium (Be)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Cadmium (Cd)	<0.0002		0.0002	mg/L		27-AUG-08	SYF	R714842
Cobalt (Co)	<0.002		0.002	mg/L		27-AUG-08	SYF	R714842
Chromium (Cr)	<0.005		0.005	mg/L		27-AUG-08	SYF	R714842

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L672351-5 A54								
Sampled By: ME on 19-AUG-08 @ 16:55								
Matrix: WATER								
Total Metals - CCME								
Total Trace Metals								
Copper (Cu)	0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Lithium (Li)	0.05		0.01	mg/L		27-AUG-08	SYF	R714842
Molybdenum (Mo)	<0.005		0.005	mg/L		27-AUG-08	SYF	R714842
Nickel (Ni)	0.004		0.002	mg/L		27-AUG-08	SYF	R714842
Lead (Pb)	0.0004		0.0001	mg/L		27-AUG-08	SYF	R714842
Antimony (Sb)	<0.0004		0.0004	mg/L		27-AUG-08	SYF	R714842
Selenium (Se)	0.0014		0.0004	mg/L		27-AUG-08	SYF	R714842
Tin (Sn)	<0.05		0.05	mg/L		27-AUG-08	SYF	R714842
Titanium (Ti)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Thallium (Tl)	<0.0001		0.0001	mg/L		27-AUG-08	SYF	R714842
Uranium (U)	0.0003		0.0001	mg/L		27-AUG-08	SYF	R714842
Vanadium (V)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Zinc (Zn)	0.030		0.004	mg/L		27-AUG-08	SYF	R714842
Ammonia-N	1.51		0.05	mg/L		22-AUG-08	LMK	R712473
Phosphorus, Total Diss.	<0.02	SFP	0.02	mg/L	22-AUG-08	23-AUG-08	AYX	R713087
Strontium (Sr)-Total	1.31		0.002	mg/L		27-AUG-08	SYF	R714842
Total Suspended Solids	<3		3	mg/L		22-AUG-08	SVG	R712746
Turbidity	0.55		0.1	NTU		22-AUG-08	JIH	R713409
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	309		1	mg/L		22-AUG-08	KFA	R712788
ICP metals and SO4 for routine water								
Calcium (Ca)	129		0.5	mg/L		21-AUG-08	WYA	R711990
Potassium (K)	10.2		0.5	mg/L		21-AUG-08	WYA	R711990
Magnesium (Mg)	20.4		0.1	mg/L		21-AUG-08	WYA	R711990
Sodium (Na)	46		1	mg/L		21-AUG-08	WYA	R711990
Sulfate (SO4)	48.3		0.5	mg/L		21-AUG-08	WYA	R711990
Ion Balance Calculation								
Ion Balance	94.3			%		22-AUG-08		
TDS (Calculated)	622			mg/L		22-AUG-08		
Hardness (as CaCO3)	406			mg/L		22-AUG-08		
Nitrate+Nitrite-N	7.5		0.1	mg/L		22-AUG-08	JXD	R712950
Nitrate-N	7.4		0.1	mg/L		22-AUG-08	JXD	R712950
Nitrite-N	0.16		0.05	mg/L		22-AUG-08	JXD	R712950
pH, Conductivity and Total Alkalinity								
pH	7.9		0.1	pH		22-AUG-08	CLTT	R712681
Conductivity (EC)	1250		0.2	uS/cm		22-AUG-08	CLTT	R712681
Bicarbonate (HCO3)	52		5	mg/L		22-AUG-08	CLTT	R712681
Carbonate (CO3)	<5		5	mg/L		22-AUG-08	CLTT	R712681
Hydroxide (OH)	<5		5	mg/L		22-AUG-08	CLTT	R712681
Alkalinity, Total (as CaCO3)	42		5	mg/L		22-AUG-08	CLTT	R712681
L672351-6 P1								
Sampled By: ME on 19-AUG-08 @ 16:45								
Matrix: WATER								
Total Metals - CCME								
Mercury (Hg) - Total								
Mercury (Hg)-Total	<0.00010		0.00010	mg/L		22-AUG-08	HAS	R712520
Total Major Metals								
Calcium (Ca)	218		0.5	mg/L		25-AUG-08	BOC	R713703

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L672351-6 P1								
Sampled By: ME on 19-AUG-08 @ 16:45								
Matrix: WATER								
Total Metals - CCME								
Total Major Metals								
Potassium (K)	15.8		0.1	mg/L		25-AUG-08	BOC	R713703
Magnesium (Mg)	23.8		0.1	mg/L		25-AUG-08	BOC	R713703
Sodium (Na)	48		1	mg/L		25-AUG-08	BOC	R713703
Iron (Fe)	0.168		0.005	mg/L		25-AUG-08	BOC	R713703
Manganese (Mn)	0.076		0.001	mg/L		25-AUG-08	BOC	R713703
Total Trace Metals								
Silver (Ag)	<0.0004		0.0004	mg/L		27-AUG-08	SYF	R714842
Aluminum (Al)	0.02		0.01	mg/L		27-AUG-08	SYF	R714842
Arsenic (As)	0.0288		0.0004	mg/L		27-AUG-08	SYF	R714842
Boron (B)	<0.05		0.05	mg/L		27-AUG-08	SYF	R714842
Barium (Ba)	0.178		0.003	mg/L		27-AUG-08	SYF	R714842
Beryllium (Be)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Cadmium (Cd)	<0.0002		0.0002	mg/L		27-AUG-08	SYF	R714842
Cobalt (Co)	<0.002		0.002	mg/L		27-AUG-08	SYF	R714842
Chromium (Cr)	<0.005		0.005	mg/L		27-AUG-08	SYF	R714842
Copper (Cu)	0.002		0.001	mg/L		27-AUG-08	SYF	R714842
Lithium (Li)	0.04		0.01	mg/L		27-AUG-08	SYF	R714842
Molybdenum (Mo)	<0.005		0.005	mg/L		27-AUG-08	SYF	R714842
Nickel (Ni)	0.009		0.002	mg/L		27-AUG-08	SYF	R714842
Lead (Pb)	0.0012		0.0001	mg/L		27-AUG-08	SYF	R714842
Antimony (Sb)	0.0005		0.0004	mg/L		27-AUG-08	SYF	R714842
Selenium (Se)	0.0022		0.0004	mg/L		27-AUG-08	SYF	R714842
Tin (Sn)	<0.05		0.05	mg/L		27-AUG-08	SYF	R714842
Titanium (Ti)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Thallium (Tl)	<0.0001		0.0001	mg/L		27-AUG-08	SYF	R714842
Uranium (U)	0.0009		0.0001	mg/L		27-AUG-08	SYF	R714842
Vanadium (V)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Zinc (Zn)	0.004		0.004	mg/L		27-AUG-08	SYF	R714842
Ammonia-N	11.2		0.05	mg/L		22-AUG-08	LMK	R712473
Oil and Grease	<1		1	mg/L		22-AUG-08	FOD	R712820
Phosphorus, Total Diss.	<0.02	SFP	0.02	mg/L	22-AUG-08	23-AUG-08	AYX	R713087
Strontium (Sr)-Total	1.64		0.002	mg/L		27-AUG-08	SYF	R714842
Total Suspended Solids	4		3	mg/L		22-AUG-08	SVG	R712746
Turbidity	1.8		0.1	NTU		22-AUG-08	JIH	R713409
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	434		1	mg/L		22-AUG-08	KFA	R712788
ICP metals and SO4 for routine water								
Calcium (Ca)	212		0.5	mg/L		21-AUG-08	WYA	R711990
Potassium (K)	14.1		0.5	mg/L		21-AUG-08	WYA	R711990
Magnesium (Mg)	23.5		0.1	mg/L		21-AUG-08	WYA	R711990
Sodium (Na)	44		1	mg/L		21-AUG-08	WYA	R711990
Sulfate (SO4)	30.8		0.5	mg/L		21-AUG-08	WYA	R711990
Ion Balance Calculation								
Ion Balance	91.3			%		22-AUG-08		
TDS (Calculated)	898			mg/L		22-AUG-08		
Hardness (as CaCO3)	626			mg/L		22-AUG-08		
Nitrate+Nitrite-N	6.2		0.1	mg/L		22-AUG-08	JXD	R712950
Nitrate-N	5.9		0.1	mg/L		22-AUG-08	JXD	R712950

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L672351-6 P1								
Sampled By: ME on 19-AUG-08 @ 16:45								
Matrix: WATER								
Routine Water Analysis								
Nitrite-N	0.30		0.05	mg/L		22-AUG-08	JXD	R712950
pH, Conductivity and Total Alkalinity								
pH	8.1		0.1	pH		22-AUG-08	CLTT	R712681
Conductivity (EC)	1800		0.2	uS/cm		22-AUG-08	CLTT	R712681
Bicarbonate (HCO3)	228		5	mg/L		22-AUG-08	CLTT	R712681
Carbonate (CO3)	<5		5	mg/L		22-AUG-08	CLTT	R712681
Hydroxide (OH)	<5		5	mg/L		22-AUG-08	CLTT	R712681
Alkalinity, Total (as CaCO3)	187		5	mg/L		22-AUG-08	CLTT	R712681
L672351-7 TAP								
Sampled By: ME on 19-AUG-08 @ 20:45								
Matrix: WATER								
Total Metals - CCME								
Mercury (Hg) - Total								
Mercury (Hg)-Total	<0.00010		0.00010	mg/L		27-AUG-08	HAS	R714989
Total Major Metals								
Calcium (Ca)	5.5		0.5	mg/L		27-AUG-08	BOC	R715033
Potassium (K)	0.7		0.1	mg/L		27-AUG-08	BOC	R715033
Magnesium (Mg)	0.9		0.1	mg/L		27-AUG-08	BOC	R715033
Sodium (Na)	4		1	mg/L		27-AUG-08	BOC	R715033
Iron (Fe)	0.150		0.005	mg/L		27-AUG-08	BOC	R715033
Manganese (Mn)	0.001		0.001	mg/L		27-AUG-08	BOC	R715033
Total Trace Metals								
Silver (Ag)	<0.0004		0.0004	mg/L		27-AUG-08	SYF	R714842
Aluminum (Al)	<0.01		0.01	mg/L		27-AUG-08	SYF	R714842
Arsenic (As)	<0.0004		0.0004	mg/L		27-AUG-08	SYF	R714842
Boron (B)	<0.05		0.05	mg/L		27-AUG-08	SYF	R714842
Barium (Ba)	0.006		0.003	mg/L		27-AUG-08	SYF	R714842
Beryllium (Be)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Cadmium (Cd)	<0.0002		0.0002	mg/L		27-AUG-08	SYF	R714842
Cobalt (Co)	<0.002		0.002	mg/L		27-AUG-08	SYF	R714842
Chromium (Cr)	<0.005		0.005	mg/L		27-AUG-08	SYF	R714842
Copper (Cu)	0.007		0.001	mg/L		27-AUG-08	SYF	R714842
Lithium (Li)	<0.01		0.01	mg/L		27-AUG-08	SYF	R714842
Molybdenum (Mo)	<0.005		0.005	mg/L		27-AUG-08	SYF	R714842
Nickel (Ni)	<0.002		0.002	mg/L		27-AUG-08	SYF	R714842
Lead (Pb)	0.0003		0.0001	mg/L		27-AUG-08	SYF	R714842
Antimony (Sb)	<0.0004		0.0004	mg/L		27-AUG-08	SYF	R714842
Selenium (Se)	0.0004		0.0004	mg/L		27-AUG-08	SYF	R714842
Tin (Sn)	<0.05		0.05	mg/L		27-AUG-08	SYF	R714842
Titanium (Ti)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Thallium (Tl)	<0.0001		0.0001	mg/L		27-AUG-08	SYF	R714842
Uranium (U)	<0.0001		0.0001	mg/L		27-AUG-08	SYF	R714842
Vanadium (V)	<0.001		0.001	mg/L		27-AUG-08	SYF	R714842
Zinc (Zn)	0.011		0.004	mg/L		27-AUG-08	SYF	R714842
MF - Fecal Coliforms	<1		1	CFU/100mL		21-AUG-08	PBR	R714006
Strontium (Sr)-Total	0.028		0.002	mg/L		27-AUG-08	SYF	R714842
Total Suspended Solids	<3		3	mg/L		22-AUG-08	SVG	R712746
Turbidity	0.65		0.1	NTU		22-AUG-08	JIH	R713409
Routine Water Analysis								
Chloride (Cl)								

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L672351-7 TAP								
Sampled By: ME on 19-AUG-08 @ 20:45								
Matrix: WATER								
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	7		1	mg/L		22-AUG-08	KFA	R712788
ICP metals and SO4 for routine water								
Calcium (Ca)	6.5		0.5	mg/L		21-AUG-08	WYA	R711990
Potassium (K)	0.8		0.5	mg/L		21-AUG-08	WYA	R711990
Magnesium (Mg)	1.1		0.1	mg/L		21-AUG-08	WYA	R711990
Sodium (Na)	4		1	mg/L		21-AUG-08	WYA	R711990
Sulfate (SO4)	3.2		0.5	mg/L		21-AUG-08	WYA	R711990
Ion Balance Calculation								
Ion Balance	Low EC			%		22-AUG-08		
TDS (Calculated)	30			mg/L		22-AUG-08		
Hardness (as CaCO3)	21			mg/L		22-AUG-08		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		22-AUG-08	JXD	R712950
Nitrate-N	<0.1		0.1	mg/L		22-AUG-08	JXD	R712950
Nitrite-N	<0.05		0.05	mg/L		22-AUG-08	JXD	R712950
pH, Conductivity and Total Alkalinity								
pH	7.5		0.1	pH		22-AUG-08	CLTT	R712681
Conductivity (EC)	61.5		0.2	uS/cm		22-AUG-08	CLTT	R712681
Bicarbonate (HCO3)	16		5	mg/L		22-AUG-08	CLTT	R712681
Carbonate (CO3)	<5		5	mg/L		22-AUG-08	CLTT	R712681
Hydroxide (OH)	<5		5	mg/L		22-AUG-08	CLTT	R712681
Alkalinity, Total (as CaCO3)	13		5	mg/L		22-AUG-08	CLTT	R712681

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

Reference Information

Qualifiers for Sample Submission Listed:

Qualifier	Description
SFPL	TDP - Sample was Filtered and Preserved at the laboratory

Sample Parameter Qualifier key listed:

Qualifier	Description
DLM	Detection Limit Adjustment For Sample Matrix Effects
RAMB	Result Adjusted For Method Blank
SFP	Sample was Filtered and Preserved at the laboratory

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Preparation Method Reference(Based On)	Analytical Method Reference(Based On)
BOD-ED	Water	Biochemical Oxygen Demand (BOD)		APHA 5210 B-5 day Incub.-O2 electrode
C-TOT-ED	Water	Total Carbon		APHA 5310 B-Instrumental
C-TOT-INORG-ED	Water	Total Inorganic Carbon		APHA 5310 B-Instrumental
CL-ED	Water	Chloride (Cl)		APHA 4500 Cl E-Colorimetry
ETL-ROUTINE-ICP-ED	Water	ICP metals and SO4 for routine water		APHA 3120 B-ICP-OES
FCC-MF-PB	Water	Fecal Coliform Count-MF		APHA 9222D MF
HG-T-CVAA-ED	Water	Mercury (Hg) - Total	APHA 3112B	EPA 245.7 / EPA 245.1
IONBALANCE-ED	Water	Ion Balance Calculation		APHA 1030E
MET1-TOT-CCME-ED	Water	Total Trace Metals	EPA3015	EPA 6020
MET2-TOT-LOW-ED	Water	Total Major Metals	EPA3015	EPA 200.7
N2N3-ED	Water	Nitrate+Nitrite-N		APHA 4500 NO3-H - COLORIMETRY
NH4-ED	Water	Ammonia-N		APHA4500NH3F Colorimetry
NO2-ED	Water	Nitrite-N		APHA 4500 NO2B-Colorimetry
NO3-ED	Water	Nitrate-N		APHA 4500 NO3H-Colorimetry
OGG-ED	Water	Oil and Grease-Gravimetric		APHA 5520 G HEXANE MTBE EXT. GRAVIME
P-TOTALDIS-ED	Water	Phosphorus, Total Dissolved		APHA 4500 P B,E-Auto-Colorimetry
PH/EC/ALK-ED	Water	pH, Conductivity and Total Alkalinity		APHA 4500-H, 2510, 2320
PO4-ED	Water	Orthophosphate (PO4-P)		APHA 4500 P B,E-Auto-Colorimetry
SOLIDS-TOTSUS-ED	Water	Total Suspended Solids		APHA 2540 D-Gravimetric
SR-TOT-ED	Water	Strontium (Sr)-Total	EPA3015	EPA 6020
TURBIDITY-ED	Water	Turbidity		APHA 2130 B-Nephelometer

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

Chain of Custody numbers:

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

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

Reference Information

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

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

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

CONFIDENTIAL

ANALYSIS REPORT

REPORT #: 080825-06

WO #: 08-BLC

PO #: L672351

CLIENT: ALS Laboratory Group - Edmonton
9936-67 Avenue
Edmonton, AB
T6E 0P5

ATTENTION: ALSED Reporting
Tel: (780) 413-5227
Fax: (780) 437-2311

SAMPLE DESCRIPTION: Water Sample

DATE AND TIME OF SAMPLE COLLECTION: August 19, 2008

DATE AND TIME OF SAMPLE RECEIPT: August 21, 2008/16:00

TEST PERFORMED: Fecal Coliform by MF

TEST START DATE: August 21, 2008

DATE COMPLETED: August 22, 2008

RESULTS: Page 2

Certificate of Analysis

PBR ID	Sample #	Client ID	Lot #	Test	Protocol	Result	Units	Comments
08-BLC-1	L672351-1	MEL1		Fecal Coliform by MF	APHA-9222D	1	CFU/100ml	1
08-BLC-2	L672351-3	MEL3		Fecal Coliform by MF	APHA-9222D	1.6 X 10^{3}	CFU/100ml	1
08-BLC-3	L672351-4	MEL4		Fecal Coliform by MF	APHA-9222D	19	CFU/100ml	1
08-BLC-4	L672351-7	TAP		Fecal Coliform by MF	APHA-9222D	<1	CFU/100ml	2

Comments

1 CFU = Colony Forming Unit.

2 <1 = No counts were detected based on the lowest dilution analyzed.

Kausalyah Gopalkrishnan (Analyst)
Date: Aug 25 2008

Approved By: _____
Narayan Pokharel, Ph.D.
Date: Aug 25 2008

PBR

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

CHAIN OF CUSTODY / ANALYTICAL REQUEST FORM

CANADA TOLL FREE 1-800-668-9878

www.alsenviro.com

COC # C008718

Page 1 of 1

REPORT TO:	REPORT FORMAT / DISTRIBUTION	SERVICE REQUESTED
COMPANY: COMAPLEX MINERALS CORP.	STANDARD ___ OTHER COMAPLEX	✓ REGULAR SERVICE (DEFAULT)
CONTACT: S. BARHAM	PDF ✓ EXCEL ✓ CUSTOM ___ FAX ___	RUSH SERVICE (2-3 DAYS)
ADDRESS: 901-1015 4th STR. SW.	EMAIL 1: sbarham@comaplex.com	PRIORITY SERVICE (1 DAY or ASAP)
CALGARY, AB T2R 1J4	EMAIL 2: ddunka@comaplex.com	EMERGENCY SERVICE (<1 DAY / WEEKEND) - CONTACT ALS
PHONE: 403.265.1846 FAX: 403.232.1421		ANALYSIS REQUEST
INVOICE TO: SAME AS REPORT ? (YES) NO	INDICATE BOTTLES: FILTERED / PRESERVED (F/P)	F F F F
COMPANY:	CLIENT / PROJECT INFORMATION:	
CONTACT:	JOB #: 3.393	
ADDRESS:	PO /AFE:	
	Legal Site Description:	
PHONE: FAX:	QUOTE #:	
Lab Work Order # (lab use only): L6072351	SAMPLER (Initials): ME.	

Sample #	SAMPLE IDENTIFICATION (This description will appear on the report)	DATE	TIME	SAMPLE TYPE	ROUTINE	DISS NUTRIENTS	DISS METALS	BOD	O&G	CARBON	P04	FECAL	POTABLE	FIELD PH	FIELD T°C	HAZARDOUS ?	HIGHLY CONTAMINATED ?	NUMBER OF CONTAINERS
	MEL1	Aug. 19/08	2:50PM	WATER	✓	✓	✓	✓	✓	✓	✓	✓		7.27	14.4			8
	MEL2		6:25PM		✓	✓	✓	✓	✓	✓	✓			7.83	14.5			7
	MEL3		3:50PM		✓	✓	✓	✓	✓	✓	✓	✓		7.55	14.7			8
	MEL4		3:20PM		✓	✓	✓	✓	✓	✓	✓	✓		8.41	14.2			8
	A54		4:55PM		✓	✓	✓							8.29	14.1			3
	P1		4:45PM		✓	✓	✓		✓					8.08	15.5			4
	TAP		8:45PM									✓	✓	7.01	17.5			2

GUIDELINES / REGULATIONS	SPECIAL INSTRUCTIONS / HAZARDOUS DETAILS
CCME	LAB FILTER NUTRIENTS & METALS; TSS & Ammonia

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

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

RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:	SAMPLE CONDITION (lab use only)	
M. EASTWOOD	Aug 20	RFK	21 AUG 08	TEMPERATURE	SAMPLES RECEIVED IN GOOD CONDITION ? YES / NO (If no provide details)
RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:	6.5.	2x cooler
			10:27		

REFER TO BACK PAGE FOR REGIONAL LOCATIONS AND SAMPLING INFORMATION

WHITE - REPORT COPY, PINK - FILE COPY, YELLOW - CLIENT COPY

GENF14.00