ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

PRELIMINARY RESULTS

COMAPLEX MINERALS
ATTN: S. BARHAM
901, 1015 - 4th STREET SW

CALGARY AB T2R 1J4

Reported On: 09-JUL-08 05:50 PM

Lab Work Order #: **L650400** **Date Received:** **03-JUL-08**

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

Other Information:

Comments:

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SHANNON LUCHKA
Account Manager

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

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ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L650400-1 MEL1								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 13:00								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Aluminum (Al)	<0.01		0.01	mg/L		06-JUL-08	SYF	R690517
Arsenic (As)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Boron (B)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Barium (Ba)	0.007		0.003	mg/L		06-JUL-08	SYF	R690517
Beryllium (Be)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Cadmium (Cd)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Cobalt (Co)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Chromium (Cr)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Copper (Cu)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Lithium (Li)	<0.003		0.003	mg/L		06-JUL-08	SYF	R690517
Molybdenum (Mo)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Nickel (Ni)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Lead (Pb)	0.0002		0.0001	mg/L		06-JUL-08	SYF	R690517
Antimony (Sb)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Selenium (Se)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Tin (Sn)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Titanium (Ti)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Thallium (Tl)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Uranium (U)	0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Vanadium (V)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Zinc (Zn)	0.033		0.002	mg/L		06-JUL-08	SYF	R690517
Iron (Fe)-Dissolved	0.017		0.005	mg/L		07-JUL-08	BOC	R690520
Manganese (Mn)-Dissolved	0.003		0.001	mg/L		07-JUL-08	BOC	R690520
Mercury (Hg) - Dissolved								
Mercury (Hg)-Dissolved	<0.00010		0.00010	mg/L		09-JUL-08	DEO	R691512
Biochemical Oxygen Demand	<2		2	mg/L		03-JUL-08	EKC	R690815
MF - Fecal Coliforms	<1		1	CFU/100mL		04-JUL-08	PB	R690701
Oil and Grease	<1		1	mg/L		04-JUL-08	FOD	R689441
Orthophosphate (PO4-P)	<0.01		0.01	mg/L		03-JUL-08	KFA	R688851
Phosphorus, Total Diss.	<0.02		0.02	mg/L	04-JUL-08	04-JUL-08	AYX	R689648
Total Carbon	6		1	mg/L		04-JUL-08	ZOW	R688660
Total Inorganic Carbon	3		1	mg/L		04-JUL-08	ZOW	R688478
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	7		1	mg/L		03-JUL-08	KFA	R688870
ICP metals and SO4 for routine water								
Calcium (Ca)	5.6		0.5	mg/L		03-JUL-08	JWU	R688786
Potassium (K)	0.8		0.5	mg/L		03-JUL-08	JWU	R688786
Magnesium (Mg)	1.0		0.1	mg/L		03-JUL-08	JWU	R688786
Sodium (Na)	5		1	mg/L		03-JUL-08	JWU	R688786
Sulfate (SO4)	3.0		0.5	mg/L		03-JUL-08	JWU	R688786
Ion Balance Calculation								
Ion Balance	Low EC			%		04-JUL-08		
TDS (Calculated)	31			mg/L		04-JUL-08		
Hardness (as CaCO3)	18			mg/L		04-JUL-08		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrate-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrite-N	<0.05		0.05	mg/L		03-JUL-08	JXD	R689031

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ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L650400-1 MEL1								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 13:00								
Matrix: WATER								
Routine Water Analysis								
pH, Conductivity and Total Alkalinity								
pH	7.4		0.1	pH		04-JUL-08	CLTT	R689226
Conductivity (EC)	61.4		0.2	uS/cm		04-JUL-08	CLTT	R689226
Bicarbonate (HCO3)	17		5	mg/L		04-JUL-08	CLTT	R689226
Carbonate (CO3)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Hydroxide (OH)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Alkalinity, Total (as CaCO3)	14		5	mg/L		04-JUL-08	CLTT	R689226
L650400-2 MEL2								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 14:30								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Aluminum (Al)	<0.01		0.01	mg/L		06-JUL-08	SYF	R690517
Arsenic (As)	0.0013		0.0004	mg/L		06-JUL-08	SYF	R690517
Boron (B)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Barium (Ba)	0.013		0.003	mg/L		06-JUL-08	SYF	R690517
Beryllium (Be)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Cadmium (Cd)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Cobalt (Co)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Chromium (Cr)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Copper (Cu)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Lithium (Li)	0.004		0.003	mg/L		06-JUL-08	SYF	R690517
Molybdenum (Mo)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Nickel (Ni)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Lead (Pb)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Antimony (Sb)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Selenium (Se)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Tin (Sn)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Titanium (Ti)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Thallium (Tl)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Uranium (U)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Vanadium (V)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Zinc (Zn)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Iron (Fe)-Dissolved	0.072		0.005	mg/L		07-JUL-08	BOC	R690520
Manganese (Mn)-Dissolved	0.005		0.001	mg/L		07-JUL-08	BOC	R690520
Mercury (Hg) - Dissolved								
Mercury (Hg)-Dissolved	<0.00010		0.00010	mg/L		09-JUL-08	DEO	R691512
Biochemical Oxygen Demand	<2		2	mg/L		03-JUL-08	EKC	R690815
Oil and Grease	<1		1	mg/L		04-JUL-08	FOD	R689441
Orthophosphate (PO4-P)	<0.01		0.01	mg/L		03-JUL-08	KFA	R688851
Phosphorus, Total Diss.	<0.02		0.02	mg/L	04-JUL-08	04-JUL-08	AYX	R689648
Total Carbon	9		1	mg/L		04-JUL-08	ZOW	R688660
Total Inorganic Carbon	6		1	mg/L		04-JUL-08	ZOW	R688478
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	17		1	mg/L		03-JUL-08	KFA	R688870
ICP metals and SO4 for routine water								
Calcium (Ca)	13.6		0.5	mg/L		03-JUL-08	JWU	R688786
Potassium (K)	0.7		0.5	mg/L		03-JUL-08	JWU	R688786

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ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L650400-2 MEL2								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 14:30								
Matrix: WATER								
Routine Water Analysis								
ICP metals and SO4 for routine water								
Magnesium (Mg)	1.8		0.1	mg/L		03-JUL-08	JWU	R688786
Sodium (Na)	3		1	mg/L		03-JUL-08	JWU	R688786
Sulfate (SO4)	2.5		0.5	mg/L		03-JUL-08	JWU	R688786
Ion Balance Calculation								
Ion Balance	95.3			%		04-JUL-08		
TDS (Calculated)	53			mg/L		04-JUL-08		
Hardness (as CaCO3)	41			mg/L		04-JUL-08		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrate-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrite-N	<0.05		0.05	mg/L		03-JUL-08	JXD	R689031
pH, Conductivity and Total Alkalinity								
pH	7.6		0.1	pH		04-JUL-08	CLTT	R689226
Conductivity (EC)	113		0.2	uS/cm		04-JUL-08	CLTT	R689226
Bicarbonate (HCO3)	30		5	mg/L		04-JUL-08	CLTT	R689226
Carbonate (CO3)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Hydroxide (OH)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Alkalinity, Total (as CaCO3)	24		5	mg/L		04-JUL-08	CLTT	R689226
L650400-3 MEL3								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 11:10								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		08-JUL-08	SYF	R691491
Aluminum (Al)	0.05		0.01	mg/L		08-JUL-08	SYF	R691491
Arsenic (As)	0.0055		0.0004	mg/L		08-JUL-08	SYF	R691491
Boron (B)	<0.05		0.05	mg/L		08-JUL-08	SYF	R691491
Barium (Ba)	0.028		0.003	mg/L		08-JUL-08	SYF	R691491
Beryllium (Be)	<0.001		0.001	mg/L		08-JUL-08	SYF	R691491
Cadmium (Cd)	<0.0001		0.0001	mg/L		08-JUL-08	SYF	R691491
Cobalt (Co)	0.011		0.002	mg/L		08-JUL-08	SYF	R691491
Chromium (Cr)	<0.005		0.005	mg/L		08-JUL-08	SYF	R691491
Copper (Cu)	0.007		0.001	mg/L		08-JUL-08	SYF	R691491
Lithium (Li)	0.005		0.003	mg/L		08-JUL-08	SYF	R691491
Molybdenum (Mo)	<0.005		0.005	mg/L		08-JUL-08	SYF	R691491
Nickel (Ni)	0.034		0.002	mg/L		08-JUL-08	SYF	R691491
Lead (Pb)	0.0385		0.0001	mg/L		08-JUL-08	SYF	R691491
Antimony (Sb)	0.0006		0.0004	mg/L		08-JUL-08	SYF	R691491
Selenium (Se)	<0.0004		0.0004	mg/L		08-JUL-08	SYF	R691491
Tin (Sn)	<0.05		0.05	mg/L		08-JUL-08	SYF	R691491
Titanium (Ti)	0.012		0.001	mg/L		08-JUL-08	SYF	R691491
Thallium (Tl)	<0.0001		0.0001	mg/L		08-JUL-08	SYF	R691491
Uranium (U)	<0.0001		0.0001	mg/L		08-JUL-08	SYF	R691491
Vanadium (V)	<0.001		0.001	mg/L		08-JUL-08	SYF	R691491
Zinc (Zn)	0.077		0.002	mg/L		08-JUL-08	SYF	R691491
Iron (Fe)-Dissolved	0.798		0.005	mg/L		08-JUL-08	BOC	R691031
Manganese (Mn)-Dissolved	0.490		0.001	mg/L		08-JUL-08	BOC	R691031
Mercury (Hg) - Dissolved								
Mercury (Hg)-Dissolved	<0.00010		0.00010	mg/L		09-JUL-08	DEO	R691512
Biochemical Oxygen Demand	32		2	mg/L		03-JUL-08	EKC	R690815

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ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L650400-3 MEL3								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 11:10								
Matrix: WATER								
MF - Fecal Coliforms	5000		1	CFU/100mL		04-JUL-08	PB	R690701
Oil and Grease	7		1	mg/L		04-JUL-08	FOD	R689441
Orthophosphate (PO4-P)	3.59		0.01	mg/L		03-JUL-08	KFA	R688851
Phosphorus, Total Diss.	4.19		0.02	mg/L	04-JUL-08	04-JUL-08	AYX	R689648
Total Carbon	112		1	mg/L		04-JUL-08	ZOW	R688660
Total Inorganic Carbon	63		1	mg/L		04-JUL-08	ZOW	R688478
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	41		1	mg/L		03-JUL-08	KFA	R688870
ICP metals and SO4 for routine water								
Calcium (Ca)	35.6		0.5	mg/L		03-JUL-08	JWU	R688786
Potassium (K)	5.4		0.5	mg/L		03-JUL-08	JWU	R688786
Magnesium (Mg)	2.9		0.1	mg/L		03-JUL-08	JWU	R688786
Sodium (Na)	114		1	mg/L		03-JUL-08	JWU	R688786
Sulfate (SO4)	26.9		0.5	mg/L		03-JUL-08	JWU	R688786
Ion Balance Calculation								
Ion Balance	103			%		04-JUL-08		
TDS (Calculated)	381			mg/L		04-JUL-08		
Hardness (as CaCO3)	101			mg/L		04-JUL-08		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrate-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrite-N	<0.05		0.05	mg/L		03-JUL-08	JXD	R689031
pH, Conductivity and Total Alkalinity								
pH	7.7		0.1	pH		04-JUL-08	CLTT	R689226
Conductivity (EC)	668		0.2	uS/cm		04-JUL-08	CLTT	R689226
Bicarbonate (HCO3)	316		5	mg/L		04-JUL-08	CLTT	R689226
Carbonate (CO3)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Hydroxide (OH)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Alkalinity, Total (as CaCO3)	259		5	mg/L		04-JUL-08	CLTT	R689226
L650400-4 MEL4								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 11:01								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Aluminum (Al)	<0.01		0.01	mg/L		06-JUL-08	SYF	R690517
Arsenic (As)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Boron (B)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Barium (Ba)	0.007		0.003	mg/L		06-JUL-08	SYF	R690517
Beryllium (Be)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Cadmium (Cd)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Cobalt (Co)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Chromium (Cr)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Copper (Cu)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Lithium (Li)	<0.003		0.003	mg/L		06-JUL-08	SYF	R690517
Molybdenum (Mo)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Nickel (Ni)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Lead (Pb)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Antimony (Sb)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Selenium (Se)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517

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ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L650400-4 MEL4								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 11:01								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Tin (Sn)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Titanium (Ti)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Thallium (Tl)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Uranium (U)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Vanadium (V)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Zinc (Zn)	0.026		0.002	mg/L		06-JUL-08	SYF	R690517
Iron (Fe)-Dissolved	0.029		0.005	mg/L		07-JUL-08	BOC	R690520
Manganese (Mn)-Dissolved	0.004		0.001	mg/L		07-JUL-08	BOC	R690520
Mercury (Hg) - Dissolved								
Mercury (Hg)-Dissolved	<0.00010		0.00010	mg/L		09-JUL-08	DEO	R691512
Biochemical Oxygen Demand	<2		2	mg/L		03-JUL-08	EKC	R690815
MF - Fecal Coliforms	<1		1	CFU/100mL		04-JUL-08	PB	R690701
Oil and Grease	<1		1	mg/L		04-JUL-08	FOD	R689441
Orthophosphate (PO4-P)	0.01		0.01	mg/L		03-JUL-08	KFA	R688851
Phosphorus, Total Diss.	0.02		0.02	mg/L	04-JUL-08	04-JUL-08	AYX	R689648
Total Carbon	8		1	mg/L		04-JUL-08	ZOW	R688660
Total Inorganic Carbon	4		1	mg/L		04-JUL-08	ZOW	R688478
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	8		1	mg/L		03-JUL-08	KFA	R688870
ICP metals and SO4 for routine water								
Calcium (Ca)	6.3		0.5	mg/L		03-JUL-08	JWU	R688786
Potassium (K)	<0.5		0.5	mg/L		03-JUL-08	JWU	R688786
Magnesium (Mg)	1.0		0.1	mg/L		03-JUL-08	JWU	R688786
Sodium (Na)	5		1	mg/L		03-JUL-08	JWU	R688786
Sulfate (SO4)	3.5		0.5	mg/L		03-JUL-08	JWU	R688786
Ion Balance Calculation								
Ion Balance	Low EC			%		04-JUL-08		
TDS (Calculated)	33			mg/L		04-JUL-08		
Hardness (as CaCO3)	20			mg/L		04-JUL-08		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrate-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrite-N	<0.05		0.05	mg/L		03-JUL-08	JXD	R689031
pH, Conductivity and Total Alkalinity								
pH	7.4		0.1	pH		04-JUL-08	CLTT	R689226
Conductivity (EC)	66.7		0.2	uS/cm		04-JUL-08	CLTT	R689226
Bicarbonate (HCO3)	19		5	mg/L		04-JUL-08	CLTT	R689226
Carbonate (CO3)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Hydroxide (OH)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Alkalinity, Total (as CaCO3)	15		5	mg/L		04-JUL-08	CLTT	R689226
L650400-5 TAP								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 12:40								
Matrix: WATER								
MF - Fecal Coliforms	<1		1	CFU/100mL		04-JUL-08	PB	R690701
Routine Potable Water								
Chloride (Cl)								
Chloride (Cl)	6		1	mg/L		03-JUL-08	KFA	R688870

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ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L650400-5 TAP								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 12:40								
Matrix: WATER								
Routine Potable Water								
Fluoride (F)								
Fluoride (F)	<0.05		0.05	mg/L		04-JUL-08	CLTT	R689226
ICP metals and SO4 for routine water								
Calcium (Ca)	5.6		0.5	mg/L		03-JUL-08	JWU	R688786
Potassium (K)	<0.5		0.5	mg/L		03-JUL-08	JWU	R688786
Magnesium (Mg)	1.0		0.1	mg/L		03-JUL-08	JWU	R688786
Sodium (Na)	4		1	mg/L		03-JUL-08	JWU	R688786
Sulfate (SO4)	1.9		0.5	mg/L		03-JUL-08	JWU	R688786
Ion Balance Calculation								
Ion Balance	Low EC			%		04-JUL-08		
TDS (Calculated)	27			mg/L		04-JUL-08		
Hardness (as CaCO3)	18			mg/L		04-JUL-08		
Iron (Fe)-Extractable	<0.05		0.05	mg/L		03-JUL-08	JWU	R689137
Manganese (Mn)-Extractable	<0.01		0.01	mg/L		03-JUL-08	JWU	R689137
Nitrate+Nitrite-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrate-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrite-N	<0.05		0.05	mg/L		03-JUL-08	JXD	R689031
Turbidity	0.30		0.1	NTU		03-JUL-08	BRK	R688979
pH, Conductivity and Total Alkalinity								
pH	7.5		0.1	pH		04-JUL-08	CLTT	R689226
Conductivity (EC)	58.0		0.2	uS/cm		04-JUL-08	CLTT	R689226
Bicarbonate (HCO3)	17		5	mg/L		04-JUL-08	CLTT	R689226
Carbonate (CO3)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Hydroxide (OH)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Alkalinity, Total (as CaCO3)	14		5	mg/L		04-JUL-08	CLTT	R689226
L650400-6 P1								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 16:15								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Aluminum (Al)	0.02		0.01	mg/L		06-JUL-08	SYF	R690517
Arsenic (As)	0.0117		0.0004	mg/L		06-JUL-08	SYF	R690517
Boron (B)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Barium (Ba)	0.059		0.003	mg/L		06-JUL-08	SYF	R690517
Beryllium (Be)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Cadmium (Cd)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Cobalt (Co)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Chromium (Cr)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Copper (Cu)	0.002		0.001	mg/L		06-JUL-08	SYF	R690517
Lithium (Li)	0.016		0.003	mg/L		06-JUL-08	SYF	R690517
Molybdenum (Mo)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Nickel (Ni)	0.005		0.002	mg/L		06-JUL-08	SYF	R690517
Lead (Pb)	0.0003		0.0001	mg/L		06-JUL-08	SYF	R690517
Antimony (Sb)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Selenium (Se)	0.0008		0.0004	mg/L		06-JUL-08	SYF	R690517
Tin (Sn)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Titanium (Ti)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Thallium (Tl)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Uranium (U)	0.0003		0.0001	mg/L		06-JUL-08	SYF	R690517
Vanadium (V)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517

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ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L650400-6 P1								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 16:15								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Zinc (Zn)	0.029		0.002	mg/L		06-JUL-08	SYF	R690517
Iron (Fe)-Dissolved	0.062		0.005	mg/L		07-JUL-08	BOC	R690520
Manganese (Mn)-Dissolved	0.044		0.001	mg/L		07-JUL-08	BOC	R690520
Mercury (Hg) - Dissolved								
Mercury (Hg)-Dissolved	<0.00010		0.00010	mg/L		09-JUL-08	DEO	R691512
Oil and Grease	<1		1	mg/L		04-JUL-08	FOD	R689441
Phosphorus, Total Diss.	<0.02		0.02	mg/L	04-JUL-08	04-JUL-08	AYX	R689648
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	114		1	mg/L		03-JUL-08	KFA	R688870
ICP metals and SO4 for routine water								
Calcium (Ca)	94.9		0.5	mg/L		03-JUL-08	JWU	R688786
Potassium (K)	6.5		0.5	mg/L		03-JUL-08	JWU	R688786
Magnesium (Mg)	9.8		0.1	mg/L		03-JUL-08	JWU	R688786
Sodium (Na)	16		1	mg/L		03-JUL-08	JWU	R688786
Sulfate (SO4)	13.4		0.5	mg/L		03-JUL-08	JWU	R688786
Ion Balance Calculation								
Ion Balance	102			%		07-JUL-08		
TDS (Calculated)	344			mg/L		07-JUL-08		
Hardness (as CaCO3)	277			mg/L		07-JUL-08		
Nitrate+Nitrite-N	2.8		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrate-N	2.6		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrite-N	0.21		0.05	mg/L		03-JUL-08	JXD	R689031
pH, Conductivity and Total Alkalinity								
pH	8.1		0.1	pH		04-JUL-08	CLTT	R689226
Conductivity (EC)	702		0.2	uS/cm		04-JUL-08	CLTT	R689226
Bicarbonate (HCO3)	157		5	mg/L		04-JUL-08	CLTT	R689226
Carbonate (CO3)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Hydroxide (OH)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Alkalinity, Total (as CaCO3)	129		5	mg/L		04-JUL-08	CLTT	R689226
L650400-7 A9								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 14:45								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Aluminum (Al)	<0.01		0.01	mg/L		06-JUL-08	SYF	R690517
Arsenic (As)	0.0036		0.0004	mg/L		06-JUL-08	SYF	R690517
Boron (B)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Barium (Ba)	0.092		0.003	mg/L		06-JUL-08	SYF	R690517
Beryllium (Be)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Cadmium (Cd)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Cobalt (Co)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Chromium (Cr)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Copper (Cu)	0.002		0.001	mg/L		06-JUL-08	SYF	R690517
Lithium (Li)	0.038		0.003	mg/L		06-JUL-08	SYF	R690517
Molybdenum (Mo)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Nickel (Ni)	0.004		0.002	mg/L		06-JUL-08	SYF	R690517
Lead (Pb)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517

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ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L650400-7 A9								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 14:45								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Antimony (Sb)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Selenium (Se)	0.0012		0.0004	mg/L		06-JUL-08	SYF	R690517
Tin (Sn)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Titanium (Ti)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Thallium (Tl)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Uranium (U)	0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Vanadium (V)	0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Zinc (Zn)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Iron (Fe)-Dissolved	0.151		0.005	mg/L		07-JUL-08	BOC	R690520
Manganese (Mn)-Dissolved	0.010		0.001	mg/L		07-JUL-08	BOC	R690520
Mercury (Hg) - Dissolved								
Mercury (Hg)-Dissolved	<0.00010		0.00010	mg/L		09-JUL-08	DEO	R691512
Phosphorus, Total Diss.	<0.02		0.02	mg/L	04-JUL-08	04-JUL-08	AYX	R689648
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	186		1	mg/L		03-JUL-08	KFA	R688870
ICP metals and SO4 for routine water								
Calcium (Ca)	98.7		0.5	mg/L		03-JUL-08	JWU	R688786
Potassium (K)	4.3		0.5	mg/L		03-JUL-08	JWU	R688786
Magnesium (Mg)	12.7		0.1	mg/L		03-JUL-08	JWU	R688786
Sodium (Na)	16		1	mg/L		03-JUL-08	JWU	R688786
Sulfate (SO4)	15.7		0.5	mg/L		03-JUL-08	JWU	R688786
Ion Balance Calculation								
Ion Balance	102			%		07-JUL-08		
TDS (Calculated)	366			mg/L		07-JUL-08		
Hardness (as CaCO3)	299			mg/L		07-JUL-08		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrate-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrite-N	<0.05		0.05	mg/L		03-JUL-08	JXD	R689031
pH, Conductivity and Total Alkalinity								
pH	7.9		0.1	pH		04-JUL-08	CLTT	R689226
Conductivity (EC)	772		0.2	uS/cm		04-JUL-08	CLTT	R689226
Bicarbonate (HCO3)	66		5	mg/L		04-JUL-08	CLTT	R689226
Carbonate (CO3)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Hydroxide (OH)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Alkalinity, Total (as CaCO3)	54		5	mg/L		04-JUL-08	CLTT	R689226
L650400-8 A13								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 16:50								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Aluminum (Al)	0.03		0.01	mg/L		06-JUL-08	SYF	R690517
Arsenic (As)	0.0036		0.0004	mg/L		06-JUL-08	SYF	R690517
Boron (B)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Barium (Ba)	0.081		0.003	mg/L		06-JUL-08	SYF	R690517
Beryllium (Be)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Cadmium (Cd)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Cobalt (Co)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517

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ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L650400-8 A13								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 16:50								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Chromium (Cr)	0.006		0.005	mg/L		06-JUL-08	SYF	R690517
Copper (Cu)	0.002		0.001	mg/L		06-JUL-08	SYF	R690517
Lithium (Li)	0.040		0.003	mg/L		06-JUL-08	SYF	R690517
Molybdenum (Mo)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Nickel (Ni)	0.005		0.002	mg/L		06-JUL-08	SYF	R690517
Lead (Pb)	0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Antimony (Sb)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Selenium (Se)	0.0013		0.0004	mg/L		06-JUL-08	SYF	R690517
Tin (Sn)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Titanium (Ti)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Thallium (Tl)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Uranium (U)	0.0004		0.0001	mg/L		06-JUL-08	SYF	R690517
Vanadium (V)	0.002		0.001	mg/L		06-JUL-08	SYF	R690517
Zinc (Zn)	0.029		0.002	mg/L		06-JUL-08	SYF	R690517
Iron (Fe)-Dissolved	0.303		0.005	mg/L		07-JUL-08	BOC	R690520
Manganese (Mn)-Dissolved	0.012		0.001	mg/L		07-JUL-08	BOC	R690520
Mercury (Hg) - Dissolved								
Mercury (Hg)-Dissolved	<0.00010		0.00010	mg/L		09-JUL-08	DEO	R691512
Phosphorus, Total Diss.	<0.02		0.02	mg/L	04-JUL-08	04-JUL-08	AYX	R689648
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	191		1	mg/L		03-JUL-08	KFA	R688870
ICP metals and SO4 for routine water								
Calcium (Ca)	89.8		0.5	mg/L		03-JUL-08	JWU	R688786
Potassium (K)	4.3		0.5	mg/L		03-JUL-08	JWU	R688786
Magnesium (Mg)	14.6		0.1	mg/L		03-JUL-08	JWU	R688786
Sodium (Na)	27		1	mg/L		03-JUL-08	JWU	R688786
Sulfate (SO4)	22.2		0.5	mg/L		03-JUL-08	JWU	R688786
Ion Balance Calculation								
Ion Balance	101			%		07-JUL-08		
TDS (Calculated)	380			mg/L		07-JUL-08		
Hardness (as CaCO3)	284			mg/L		07-JUL-08		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrate-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrite-N	<0.05		0.05	mg/L		03-JUL-08	JXD	R689031
pH, Conductivity and Total Alkalinity								
pH	7.9		0.1	pH		04-JUL-08	CLTT	R689226
Conductivity (EC)	793		0.2	uS/cm		04-JUL-08	CLTT	R689226
Bicarbonate (HCO3)	62		5	mg/L		04-JUL-08	CLTT	R689226
Carbonate (CO3)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Hydroxide (OH)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Alkalinity, Total (as CaCO3)	51		5	mg/L		04-JUL-08	CLTT	R689226
L650400-9 A15								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 17:04								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Aluminum (Al)	<0.01		0.01	mg/L		06-JUL-08	SYF	R690517

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ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L650400-9 A15								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 17:04								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Arsenic (As)	0.0012		0.0004	mg/L		06-JUL-08	SYF	R690517
Boron (B)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Barium (Ba)	0.051		0.003	mg/L		06-JUL-08	SYF	R690517
Beryllium (Be)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Cadmium (Cd)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Cobalt (Co)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Chromium (Cr)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Copper (Cu)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Lithium (Li)	0.023		0.003	mg/L		06-JUL-08	SYF	R690517
Molybdenum (Mo)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Nickel (Ni)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Lead (Pb)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Antimony (Sb)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Selenium (Se)	0.0009		0.0004	mg/L		06-JUL-08	SYF	R690517
Tin (Sn)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Titanium (Ti)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Thallium (Tl)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Uranium (U)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Vanadium (V)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Zinc (Zn)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Iron (Fe)-Dissolved	0.216		0.005	mg/L		07-JUL-08	BOC	R690520
Manganese (Mn)-Dissolved	0.005		0.001	mg/L		07-JUL-08	BOC	R690520
Mercury (Hg) - Dissolved								
Mercury (Hg)-Dissolved	<0.00010		0.00010	mg/L		09-JUL-08	DEO	R691512
Phosphorus, Total Diss.	<0.02		0.02	mg/L	04-JUL-08	04-JUL-08	AYX	R689648
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	98		1	mg/L		03-JUL-08	KFA	R688870
ICP metals and SO4 for routine water								
Calcium (Ca)	51.9		0.5	mg/L		03-JUL-08	JWU	R688786
Potassium (K)	1.4		0.5	mg/L		03-JUL-08	JWU	R688786
Magnesium (Mg)	5.7		0.1	mg/L		03-JUL-08	JWU	R688786
Sodium (Na)	5		1	mg/L		03-JUL-08	JWU	R688786
Sulfate (SO4)	3.4		0.5	mg/L		03-JUL-08	JWU	R688786
Ion Balance Calculation								
Ion Balance	102			%		07-JUL-08		
TDS (Calculated)	179			mg/L		07-JUL-08		
Hardness (as CaCO3)	153			mg/L		07-JUL-08		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrate-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrite-N	<0.05		0.05	mg/L		03-JUL-08	JXD	R689031
pH, Conductivity and Total Alkalinity								
pH	7.5		0.1	pH		04-JUL-08	CLTT	R689226
Conductivity (EC)	398		0.2	uS/cm		04-JUL-08	CLTT	R689226
Bicarbonate (HCO3)	26		5	mg/L		04-JUL-08	CLTT	R689226
Carbonate (CO3)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Hydroxide (OH)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Alkalinity, Total (as CaCO3)	22		5	mg/L		04-JUL-08	CLTT	R689226

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ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L650400-10 A38								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 15:03								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Aluminum (Al)	0.01		0.01	mg/L		06-JUL-08	SYF	R690517
Arsenic (As)	0.0028		0.0004	mg/L		06-JUL-08	SYF	R690517
Boron (B)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Barium (Ba)	0.061		0.003	mg/L		06-JUL-08	SYF	R690517
Beryllium (Be)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Cadmium (Cd)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Cobalt (Co)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Chromium (Cr)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Copper (Cu)	0.002		0.001	mg/L		06-JUL-08	SYF	R690517
Lithium (Li)	0.033		0.003	mg/L		06-JUL-08	SYF	R690517
Molybdenum (Mo)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Nickel (Ni)	0.004		0.002	mg/L		06-JUL-08	SYF	R690517
Lead (Pb)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Antimony (Sb)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Selenium (Se)	0.0008		0.0004	mg/L		06-JUL-08	SYF	R690517
Tin (Sn)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Titanium (Ti)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Thallium (Tl)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Uranium (U)	0.0003		0.0001	mg/L		06-JUL-08	SYF	R690517
Vanadium (V)	0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Zinc (Zn)	0.032		0.002	mg/L		06-JUL-08	SYF	R690517
Iron (Fe)-Dissolved	0.083		0.005	mg/L		07-JUL-08	BOC	R690520
Manganese (Mn)-Dissolved	0.008		0.001	mg/L		07-JUL-08	BOC	R690520
Mercury (Hg) - Dissolved								
Mercury (Hg)-Dissolved	<0.00010		0.00010	mg/L		09-JUL-08	DEO	R691512
Phosphorus, Total Diss.	<0.02		0.02	mg/L	04-JUL-08	04-JUL-08	AYX	R689648
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	165		1	mg/L		03-JUL-08	KFA	R688870
ICP metals and SO4 for routine water								
Calcium (Ca)	95.3		0.5	mg/L		03-JUL-08	JWU	R688786
Potassium (K)	5.7		0.5	mg/L		03-JUL-08	JWU	R688786
Magnesium (Mg)	12.8		0.1	mg/L		03-JUL-08	JWU	R688786
Sodium (Na)	23		1	mg/L		03-JUL-08	JWU	R688786
Sulfate (SO4)	29.4		0.5	mg/L		03-JUL-08	JWU	R688786
Ion Balance Calculation								
Ion Balance	103			%		07-JUL-08		
TDS (Calculated)	386			mg/L		07-JUL-08		
Hardness (as CaCO3)	291			mg/L		07-JUL-08		
Nitrate+Nitrite-N	4.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrate-N	4.0		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrite-N	0.07		0.05	mg/L		03-JUL-08	JXD	R689031
pH, Conductivity and Total Alkalinity								
pH	8.0		0.1	pH		04-JUL-08	CLTT	R689226
Conductivity (EC)	792		0.2	uS/cm		04-JUL-08	CLTT	R689226
Bicarbonate (HCO3)	74		5	mg/L		04-JUL-08	CLTT	R689226
Carbonate (CO3)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Hydroxide (OH)	<5		5	mg/L		04-JUL-08	CLTT	R689226

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ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L650400-10 A38								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 15:03								
Matrix: WATER								
Routine Water Analysis								
pH, Conductivity and Total Alkalinity								
Alkalinity, Total (as CaCO3)	61		5	mg/L		04-JUL-08	CLTT	R689226
L650400-11 A54								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 16:03								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Aluminum (Al)	<0.01		0.01	mg/L		06-JUL-08	SYF	R690517
Arsenic (As)	0.0026		0.0004	mg/L		06-JUL-08	SYF	R690517
Boron (B)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Barium (Ba)	0.059		0.003	mg/L		06-JUL-08	SYF	R690517
Beryllium (Be)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Cadmium (Cd)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Cobalt (Co)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Chromium (Cr)	0.006		0.005	mg/L		06-JUL-08	SYF	R690517
Copper (Cu)	0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Lithium (Li)	0.035		0.003	mg/L		06-JUL-08	SYF	R690517
Molybdenum (Mo)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Nickel (Ni)	0.004		0.002	mg/L		06-JUL-08	SYF	R690517
Lead (Pb)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Antimony (Sb)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Selenium (Se)	0.0009		0.0004	mg/L		06-JUL-08	SYF	R690517
Tin (Sn)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Titanium (Ti)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Thallium (Tl)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Uranium (U)	0.0004		0.0001	mg/L		06-JUL-08	SYF	R690517
Vanadium (V)	0.002		0.001	mg/L		06-JUL-08	SYF	R690517
Zinc (Zn)	0.031		0.002	mg/L		06-JUL-08	SYF	R690517
Iron (Fe)-Dissolved	0.028		0.005	mg/L		07-JUL-08	BOC	R690520
Manganese (Mn)-Dissolved	0.003		0.001	mg/L		07-JUL-08	BOC	R690520
Mercury (Hg) - Dissolved								
Mercury (Hg)-Dissolved	<0.00010		0.00010	mg/L		09-JUL-08	DEO	R691512
Phosphorus, Total Diss.	<0.02		0.02	mg/L	04-JUL-08	04-JUL-08	AYX	R689648
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	191		1	mg/L		03-JUL-08	KFA	R688870
ICP metals and SO4 for routine water								
Calcium (Ca)	100		0.5	mg/L		03-JUL-08	JWU	R688786
Potassium (K)	7.1		0.5	mg/L		03-JUL-08	JWU	R688786
Magnesium (Mg)	14.5		0.1	mg/L		03-JUL-08	JWU	R688786
Sodium (Na)	29		1	mg/L		03-JUL-08	JWU	R688786
Sulfate (SO4)	34.8		0.5	mg/L		03-JUL-08	JWU	R688786
Ion Balance Calculation								
Ion Balance	98.7			%		07-JUL-08		
TDS (Calculated)	439			mg/L		07-JUL-08		
Hardness (as CaCO3)	309			mg/L		07-JUL-08		
Nitrate+Nitrite-N	6.3		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrate-N	6.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrite-N	0.17		0.05	mg/L		03-JUL-08	JXD	R689031

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ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L650400-11 A54								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 16:03								
Matrix: WATER								
Routine Water Analysis								
pH, Conductivity and Total Alkalinity								
pH	7.9		0.1	pH		04-JUL-08	CLTT	R689226
Conductivity (EC)	876		0.2	uS/cm		04-JUL-08	CLTT	R689226
Bicarbonate (HCO3)	71		5	mg/L		04-JUL-08	CLTT	R689226
Carbonate (CO3)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Hydroxide (OH)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Alkalinity, Total (as CaCO3)	58		5	mg/L		04-JUL-08	CLTT	R689226
L650400-12 A8-7								
Sampled By: NOT PROVIDED on 01-JUL-08 @ 14:05								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Aluminum (Al)	<0.01		0.01	mg/L		06-JUL-08	SYF	R690517
Arsenic (As)	0.0014		0.0004	mg/L		06-JUL-08	SYF	R690517
Boron (B)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Barium (Ba)	0.013		0.003	mg/L		06-JUL-08	SYF	R690517
Beryllium (Be)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Cadmium (Cd)	0.0002		0.0001	mg/L		06-JUL-08	SYF	R690517
Cobalt (Co)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Chromium (Cr)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Copper (Cu)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Lithium (Li)	0.003		0.003	mg/L		06-JUL-08	SYF	R690517
Molybdenum (Mo)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Nickel (Ni)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Lead (Pb)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Antimony (Sb)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Selenium (Se)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Tin (Sn)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Titanium (Ti)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Thallium (Tl)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Uranium (U)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Vanadium (V)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Zinc (Zn)	0.029		0.002	mg/L		06-JUL-08	SYF	R690517
Iron (Fe)-Dissolved	0.080		0.005	mg/L		07-JUL-08	BOC	R690520
Manganese (Mn)-Dissolved	0.006		0.001	mg/L		07-JUL-08	BOC	R690520
Mercury (Hg) - Dissolved								
Mercury (Hg)-Dissolved	<0.00010		0.00010	mg/L		09-JUL-08	DEO	R691512
Phosphorus, Total Diss.	<0.02		0.02	mg/L	04-JUL-08	04-JUL-08	AYX	R689648
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	16		1	mg/L		03-JUL-08	KFA	R688870
ICP metals and SO4 for routine water								
Calcium (Ca)	15.0		0.5	mg/L		03-JUL-08	JWU	R688786
Potassium (K)	0.8		0.5	mg/L		03-JUL-08	JWU	R688786
Magnesium (Mg)	2.0		0.1	mg/L		03-JUL-08	JWU	R688786
Sodium (Na)	3		1	mg/L		03-JUL-08	JWU	R688786
Sulfate (SO4)	2.7		0.5	mg/L		03-JUL-08	JWU	R688786
Ion Balance Calculation								
Ion Balance	106			%		07-JUL-08		

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ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L650400-12 A8-7								
Sampled By: NOT PROVIDED on 01-JUL-08 @ 14:05								
Matrix: WATER								
Routine Water Analysis								
Ion Balance Calculation								
TDS (Calculated)	54			mg/L		07-JUL-08		
Hardness (as CaCO3)	46			mg/L		07-JUL-08		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrate-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrite-N	<0.05		0.05	mg/L		03-JUL-08	JXD	R689031
pH, Conductivity and Total Alkalinity								
pH	7.7		0.1	pH		04-JUL-08	CLTT	R689226
Conductivity (EC)	111		0.2	uS/cm		04-JUL-08	CLTT	R689226
Bicarbonate (HCO3)	30		5	mg/L		04-JUL-08	CLTT	R689226
Carbonate (CO3)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Hydroxide (OH)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Alkalinity, Total (as CaCO3)	24		5	mg/L		04-JUL-08	CLTT	R689226
L650400-13 ML-R								
Sampled By: NOT PROVIDED on 01-JUL-08 @ 13:15								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		08-JUL-08	SYF	R691491
Aluminum (Al)	0.12		0.01	mg/L		08-JUL-08	SYF	R691491
Arsenic (As)	0.0004		0.0004	mg/L		08-JUL-08	SYF	R691491
Boron (B)	<0.05		0.05	mg/L		08-JUL-08	SYF	R691491
Barium (Ba)	0.011		0.003	mg/L		08-JUL-08	SYF	R691491
Beryllium (Be)	<0.001		0.001	mg/L		08-JUL-08	SYF	R691491
Cadmium (Cd)	<0.0001		0.0001	mg/L		08-JUL-08	SYF	R691491
Cobalt (Co)	<0.002		0.002	mg/L		08-JUL-08	SYF	R691491
Chromium (Cr)	<0.005		0.005	mg/L		08-JUL-08	SYF	R691491
Copper (Cu)	0.001		0.001	mg/L		08-JUL-08	SYF	R691491
Lithium (Li)	<0.003		0.003	mg/L		08-JUL-08	SYF	R691491
Molybdenum (Mo)	<0.005		0.005	mg/L		08-JUL-08	SYF	R691491
Nickel (Ni)	<0.002		0.002	mg/L		08-JUL-08	SYF	R691491
Lead (Pb)	0.0002		0.0001	mg/L		08-JUL-08	SYF	R691491
Antimony (Sb)	<0.0004		0.0004	mg/L		08-JUL-08	SYF	R691491
Selenium (Se)	<0.0004		0.0004	mg/L		08-JUL-08	SYF	R691491
Tin (Sn)	<0.05		0.05	mg/L		08-JUL-08	SYF	R691491
Titanium (Ti)	0.011		0.001	mg/L		08-JUL-08	SYF	R691491
Thallium (Tl)	<0.0001		0.0001	mg/L		08-JUL-08	SYF	R691491
Uranium (U)	<0.0001		0.0001	mg/L		08-JUL-08	SYF	R691491
Vanadium (V)	<0.001		0.001	mg/L		08-JUL-08	SYF	R691491
Zinc (Zn)	0.035		0.002	mg/L		08-JUL-08	SYF	R691491
Iron (Fe)-Dissolved	0.260		0.005	mg/L		08-JUL-08	BOC	R691031
Manganese (Mn)-Dissolved	0.007		0.001	mg/L		08-JUL-08	BOC	R691031
Mercury (Hg) - Dissolved								
Mercury (Hg)-Dissolved	<0.00010		0.00010	mg/L		09-JUL-08	DEO	R691512
Phosphorus, Total Diss.	<0.02		0.02	mg/L	04-JUL-08	04-JUL-08	AYX	R689648
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	10		1	mg/L		03-JUL-08	KFA	R688870
ICP metals and SO4 for routine water								
Calcium (Ca)	8.1		0.5	mg/L		03-JUL-08	JWU	R688786

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ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L650400-13 ML-R								
Sampled By: NOT PROVIDED on 01-JUL-08 @ 13:15								
Matrix: WATER								
Routine Water Analysis								
ICP metals and SO4 for routine water								
Potassium (K)	1.0		0.5	mg/L		03-JUL-08	JWU	R688786
Magnesium (Mg)	1.3		0.1	mg/L		03-JUL-08	JWU	R688786
Sodium (Na)	5		1	mg/L		03-JUL-08	JWU	R688786
Sulfate (SO4)	4.0		0.5	mg/L		03-JUL-08	JWU	R688786
Ion Balance Calculation								
Ion Balance	Low EC			%		07-JUL-08		
TDS (Calculated)	43			mg/L		07-JUL-08		
Hardness (as CaCO3)	26			mg/L		07-JUL-08		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrate-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrite-N	<0.05		0.05	mg/L		03-JUL-08	JXD	R689031
pH, Conductivity and Total Alkalinity								
pH	7.6		0.1	pH		04-JUL-08	CLTT	R689226
Conductivity (EC)	85.2		0.2	uS/cm		04-JUL-08	CLTT	R689226
Bicarbonate (HCO3)	27		5	mg/L		04-JUL-08	CLTT	R689226
Carbonate (CO3)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Hydroxide (OH)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Alkalinity, Total (as CaCO3)	22		5	mg/L		04-JUL-08	CLTT	R689226
L650400-14 CONTROL								
Sampled By: NOT PROVIDED on 01-JUL-08 @ 13:55								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Aluminum (Al)	<0.01		0.01	mg/L		06-JUL-08	SYF	R690517
Arsenic (As)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Boron (B)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Barium (Ba)	0.007		0.003	mg/L		06-JUL-08	SYF	R690517
Beryllium (Be)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Cadmium (Cd)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Cobalt (Co)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Chromium (Cr)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Copper (Cu)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Lithium (Li)	<0.003		0.003	mg/L		06-JUL-08	SYF	R690517
Molybdenum (Mo)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Nickel (Ni)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Lead (Pb)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Antimony (Sb)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Selenium (Se)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Tin (Sn)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Titanium (Ti)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Thallium (Tl)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Uranium (U)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Vanadium (V)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Zinc (Zn)	0.030		0.002	mg/L		06-JUL-08	SYF	R690517
Iron (Fe)-Dissolved	0.017		0.005	mg/L		07-JUL-08	BOC	R690520
Manganese (Mn)-Dissolved	0.002		0.001	mg/L		07-JUL-08	BOC	R690520
Mercury (Hg) - Dissolved								
Mercury (Hg)-Dissolved	<0.00010		0.00010	mg/L		09-JUL-08	DEO	R691512

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ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L650400-14 CONTROL								
Sampled By: NOT PROVIDED on 01-JUL-08 @ 13:55								
Matrix: WATER								
Phosphorus, Total Diss.	<0.02		0.02	mg/L	04-JUL-08	04-JUL-08	AYX	R689648
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	6		1	mg/L		03-JUL-08	KFA	R688870
ICP metals and SO4 for routine water								
Calcium (Ca)	7.2		0.5	mg/L		03-JUL-08	JWU	R688786
Potassium (K)	0.7		0.5	mg/L		03-JUL-08	JWU	R688786
Magnesium (Mg)	0.8		0.1	mg/L		03-JUL-08	JWU	R688786
Sodium (Na)	4		1	mg/L		03-JUL-08	JWU	R688786
Sulfate (SO4)	1.9		0.5	mg/L		03-JUL-08	JWU	R688786
Ion Balance Calculation								
Ion Balance	Low EC			%		07-JUL-08		
TDS (Calculated)	30			mg/L		07-JUL-08		
Hardness (as CaCO3)	21			mg/L		07-JUL-08		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrate-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrite-N	<0.05		0.05	mg/L		03-JUL-08	JXD	R689031
pH, Conductivity and Total Alkalinity								
pH	7.6		0.1	pH		04-JUL-08	CLTT	R689226
Conductivity (EC)	63.0		0.2	uS/cm		04-JUL-08	CLTT	R689226
Bicarbonate (HCO3)	20		5	mg/L		04-JUL-08	CLTT	R689226
Carbonate (CO3)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Hydroxide (OH)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Alkalinity, Total (as CaCO3)	16		5	mg/L		04-JUL-08	CLTT	R689226
L650400-15 X8-7								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 14:15								
Matrix: WATER								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Aluminum (Al)	<0.01		0.01	mg/L		06-JUL-08	SYF	R690517
Arsenic (As)	0.0014		0.0004	mg/L		06-JUL-08	SYF	R690517
Boron (B)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Barium (Ba)	0.013		0.003	mg/L		06-JUL-08	SYF	R690517
Beryllium (Be)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Cadmium (Cd)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Cobalt (Co)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Chromium (Cr)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Copper (Cu)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Lithium (Li)	0.003		0.003	mg/L		06-JUL-08	SYF	R690517
Molybdenum (Mo)	<0.005		0.005	mg/L		06-JUL-08	SYF	R690517
Nickel (Ni)	<0.002		0.002	mg/L		06-JUL-08	SYF	R690517
Lead (Pb)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Antimony (Sb)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Selenium (Se)	<0.0004		0.0004	mg/L		06-JUL-08	SYF	R690517
Tin (Sn)	<0.05		0.05	mg/L		06-JUL-08	SYF	R690517
Titanium (Ti)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Thallium (Tl)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Uranium (U)	<0.0001		0.0001	mg/L		06-JUL-08	SYF	R690517
Vanadium (V)	<0.001		0.001	mg/L		06-JUL-08	SYF	R690517
Zinc (Zn)	0.029		0.002	mg/L		06-JUL-08	SYF	R690517

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ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L650400-15 X8-7								
Sampled By: NOT PROVIDED on 30-JUN-08 @ 14:15								
Matrix: WATER								
Dissolved Metals - CCME								
Iron (Fe)-Dissolved	0.073		0.005	mg/L		07-JUL-08	BOC	R690520
Manganese (Mn)-Dissolved	0.005		0.001	mg/L		07-JUL-08	BOC	R690520
Mercury (Hg) - Dissolved								
Mercury (Hg)-Dissolved	<0.00010		0.00010	mg/L		09-JUL-08	DEO	R691512
Phosphorus, Total Diss.	<0.02		0.02	mg/L	04-JUL-08	04-JUL-08	AYX	R689648
Routine Water Analysis								
Chloride (Cl)								
Chloride (Cl)	16		1	mg/L		03-JUL-08	KFA	R688870
ICP metals and SO4 for routine water								
Calcium (Ca)	14.6		0.5	mg/L		03-JUL-08	JWU	R688786
Potassium (K)	0.8		0.5	mg/L		03-JUL-08	JWU	R688786
Magnesium (Mg)	1.9		0.1	mg/L		03-JUL-08	JWU	R688786
Sodium (Na)	3		1	mg/L		03-JUL-08	JWU	R688786
Sulfate (SO4)	2.6		0.5	mg/L		03-JUL-08	JWU	R688786
Ion Balance Calculation								
Ion Balance	104			%		07-JUL-08		
TDS (Calculated)	54			mg/L		07-JUL-08		
Hardness (as CaCO3)	44			mg/L		07-JUL-08		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrate-N	<0.1		0.1	mg/L		03-JUL-08	JXD	R689031
Nitrite-N	<0.05		0.05	mg/L		03-JUL-08	JXD	R689031
pH, Conductivity and Total Alkalinity								
pH	7.7		0.1	pH		04-JUL-08	CLTT	R689226
Conductivity (EC)	111		0.2	uS/cm		04-JUL-08	CLTT	R689226
Bicarbonate (HCO3)	30		5	mg/L		04-JUL-08	CLTT	R689226
Carbonate (CO3)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Hydroxide (OH)	<5		5	mg/L		04-JUL-08	CLTT	R689226
Alkalinity, Total (as CaCO3)	25		5	mg/L		04-JUL-08	CLTT	R689226

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

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Reference Information

Qualifiers for Individual Samples Listed:

Sample Numbe	Client ID	Qualifier	Description
L650400-13	ML-R	PDM	For Dissolve Metals - Particulate was observed in preserved Dissolved Metals sample. Associated results may be biased low.
L650400-3	MEL3	PDM	For Dissolve Metals - Particulate was observed in preserved Dissolved Metals sample. Associated results may be biased low.

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
F-ED	Water	Fluoride (F)		APHA 4500 F-C-Electrode
FCC-MF-PB	Water	Fecal Coliform Count-MF		APHA 9222D MF
FE-DIS-ED	Water	Iron (Fe)-Dissolved		EPA 200.7
FE-EXT-ROU-ED	Water	Iron (Fe)-Extractable		APHA 3120 B-ICP-OES
HG-D-CVAA-ED	Water	Mercury (Hg) - Dissolved		EPA 245.7 / EPA 245.1
IONBALANCE-ED	Water	Ion Balance Calculation		APHA 1030E
MET1-DIS-CCME-ED	Water	Dissolved Trace Metals		EPA 6020
MN-DIS-ED	Water	Manganese (Mn)-Dissolved		EPA 200.7
MN-EXT-ROU-ED	Water	Manganese (Mn)-Extractable		APHA 3120 B-ICP-OES
N2N3-ED	Water	Nitrate+Nitrite-N		APHA 4500 NO3-H - 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
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

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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.

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Laboratories inc.

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ANALYSIS REPORT

REPORT #: 080707-03

WO #: 08-AXB

PO #: L650400

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 Samples

DATE AND TIME OF SAMPLE COLLECTION: June 30, 2008

DATE AND TIME OF SAMPLE RECEIPT: July 04, 2008/08:15

TEST PERFORMED: Fecal coliforms

TEST START DATE: July 04, 2008

DATE COMPLETED: July 05, 2008

RESULTS: Page 2

Certificate of Analysis

PBR ID	Sample #	Client ID	Lot #	Test	Protocol	Result	Units	Comments
08-AXB-1	L650400-1	MEL1		Fecal coliforms	APHA-9222D	<1	CFU/100ml	1
08-AXB-2	L650400-3	MEL3		Fecal coliforms	APHA-9222D	5.0×10^3	CFU/100ml	
08-AXB-3	L650400-4	MEL4		Fecal coliforms	APHA-9222D	<1	CFU/100ml	1
08-AXB-4	L650400-5	TAP		Fecal coliforms	APHA-9222D	<1	CFU/100ml	1

Comments
1 CFU = Colony Forming Unit.
<1 = No counts were detected based on the lowest dilution analyzed.

Parul

Parul Srivastava (Analyst)
Date: Jul 07 2008

Approved By:
Narayan Pokharel, Ph.D.
Date: Jul 07 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 # C008698

REPORT TO:	REPORT FORMAT / DISTRIBUTION	SERVICE REQUESTED
COMPANY: Comaplex Minerals	STANDARD ____ OTHER Comaplex	✓ REGULAR SERVICE (DEFAULT)
CONTACT: S. Barham	PDF ✓ EXCEL ✓ CUSTOM ____ FAX ____	RUSH SERVICE (2-3 DAYS)
ADDRESS: 901-1015 4th St. SW	EMAIL 1: sbarham@comaplex.com	PRIORITY SERVICE (1 DAY or ASAP)
CALGARY, AB T2R 1J4	EMAIL 2: ddumka@comaplex.com	EMERGENCY SERVICE (<1 DAY / WEEKEND) - CONTACT ALS
PHONE: 265-2846 FAX: 232 1421		ANALYSIS REQUEST
INVOICE TO: SAME AS REPORT ? YES / NO	INDICATE BOTTLES: FILTERED / PRESERVED (F/P)	F P P / P / / P / / /
COMPANY:	CLIENT / PROJECT INFORMATION:	
CONTACT:	JOB #: 3393.	
ADDRESS:	PO /AFE:	
	Legal Site Description:	
PHONE: FAX:	QUOTE #:	
Lab Work Order # (lab use only): L650400	SAMPLER (Initials):	

Sample #	SAMPLE IDENTIFICATION (This description will appear on the report)	DATE	TIME	SAMPLE TYPE	ROUTINE	DISS. NUTRIENTS	DISS. METALS	BOD	O&G	CARBON	PO4	FECAL	POTABLE	FIELD pH	FIELD TOC	HAZARDOUS ?	HIGHLY CONTAMINATED ?	NUMBER OF CONTAINERS
	MEL1	June 30/08	1:00pm	Water	✓	✓	✓	✓	✓	✓	✓	✓		7.04	4.8			8
	MEL2	"	2:30pm		✓	✓	✓	✓	✓	✓	✓			7.30	8.0			7
	MEL3	"	11:10pm		✓	✓	✓	✓	✓	✓	✓	✓		7.40	5.8			8
	MEL4	"	11:01pm		✓	✓	✓	✓	✓	✓	✓	✓		7.24	2.4			8
	TAP	"	12:40pm		~~✓~~	~~✓~~						✓	✓	7.18	11.4			2
	P1	"	4:15pm		✓	✓	✓		✓					8.15	9.8			4

GUIDELINES / REGULATIONS	SPECIAL INSTRUCTIONS / HAZARDOUS DETAILS
CCME	- LAB FILTER NUTRIENTS & METALS

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)	
S. Barham	July 1	[signature]	3-July-08	TEMPERATURE	SAMPLES RECEIVED IN GOOD CONDITION ? YES / NO (If no provide details)
RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME: 10.15am		

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 # C008699

REPORT TO:	REPORT FORMAT / DISTRIBUTION	SERVICE REQUESTED
COMPANY: COMAPLEX MINERALS	STANDARD ____ OTHER COMAPLEX	✓ REGULAR SERVICE (DEFAULT)
CONTACT: S. BARHAM	PDF ✓ EXCEL ✓ CUSTOM ____ FAX ____	RUSH SERVICE (2-3 DAYS)
ADDRESS: 901-1015 4TH St SW	EMAIL 1: sbarham@comaplex.com	PRIORITY SERVICE (1 DAY or ASAP)
CALGARY, AB T2R 1J4	EMAIL 2: ldumka@comaplex.com	EMERGENCY SERVICE (<1 DAY / WEEKEND) - CONTACT ALS
PHONE: 2652846 FAX: 232 1421		ANALYSIS REQUEST
INVOICE TO: SAME AS REPORT ? YES / NO	INDICATE BOTTLES: FILTERED / PRESERVED (F/P)	P P
COMPANY:	CLIENT / PROJECT INFORMATION:	
CONTACT:	JOB #: 3.393	
ADDRESS:	PO /AFE:	
	Legal Site Description:	
PHONE: FAX:	QUOTE #:	
Lab Work Order # (lab use only): L650400	SAMPLER (Initials):	

Sample #	SAMPLE IDENTIFICATION (This description will appear on the report)	DATE	TIME	SAMPLE TYPE	ROUTINE	DISS. NUTRIENTS	DISS. METALS						FIELD pH	FIELD TC	HAZARDOUS ?	HIGHLY CONTAMINATED ?	NUMBER OF CONTAINERS
	A9	June 30	2:45 pm	WATER	✓	✓	✓						7.98	8.5			3
	A13	"	4:50 pm	"	✓	✓	✓						8.04	9.4			3
	A15	"	5:04 pm	"	✓	✓	✓						6.94	9.8			3
	A38	"	3:03 pm	"	✓	✓	✓						8.08	8.7			3
	A54	"	4:03 pm	"	✓	✓	✓						8.13	9.4			3
	A8-7	JULY 1	2:05 pm	"	✓	✓	✓						7.58	8.8			3
	ML-R	"	1:15 pm	"	✓	✓	✓						7.01	6.3			3
	CONTROL	"	1:55 pm	"	✓	✓	✓						7.19	8.4			3
	X8-7	"	2:15 pm	"	✓	✓	✓						7.56	13.8			3

GUIDELINES / REGULATIONS	SPECIAL INSTRUCTIONS / HAZARDOUS DETAILS
CCME	- LAB FILTER NUTRIENTS & METALS.

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)	
S. Barham.	JULY 1	[signature]	3-July-08	TEMPERATURE	SAMPLES RECEIVED IN GOOD CONDITION ? YES / NO (If no provide details)
RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME: 10:15am		