PRELIMINARY RESULTS

COMAPLEX MINERALS

ATTN: S. BARHAM

Reported On: 18-OCT-07 03:43 PM

901, 1015 - 4th STREET SW

CALGARY AB T2R 1J4

Lab Work Order #: L563684 **Date Received:** 09-OCT-07

Project P.O. #: 3.393
Job Reference: MELIADINE WEST
Legal Site Desc:
CofC Numbers: A067532

Other Information:

Comments:

CHARLES LEBLANC
General Manager, Edmonton

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

SHANNON LUCHKA

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L563684-1 CAMP IN (MEL-1)								
Sampled By: NOT PROVIDED on 08-OCT-07 @ 09:45								
Matrix: LAKE								
Dissolved Metals - CCME								
Dissolved Major Metals								
Iron (Fe)	0.014		0.005	mg/L		10-OCT-07	SYF	R585675
Manganese (Mn)	0.003		0.001	mg/L		10-OCT-07	SYF	R585675
Dissolved Trace Metals								
Silver (Ag)	<0.0001	RAMB	0.0001	mg/L		13-OCT-07	CVM	R586883
Aluminum (Al)	<0.01		0.01	mg/L		13-OCT-07	CVM	R586883
Arsenic (As)	<0.0004		0.0004	mg/L		13-OCT-07	CVM	R586883
Boron (B)	<0.05		0.05	mg/L		13-OCT-07	CVM	R586883
Barium (Ba)	0.006		0.003	mg/L		13-OCT-07	CVM	R586883
Beryllium (Be)	<0.001		0.001	mg/L		13-OCT-07	CVM	R586883
Cadmium (Cd)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Cobalt (Co)	<0.002		0.002	mg/L		13-OCT-07	CVM	R586883
Chromium (Cr)	<0.005		0.005	mg/L		13-OCT-07	CVM	R586883
Copper (Cu)	<0.001		0.001	mg/L		13-OCT-07	CVM	R586883
Mercury (Hg)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Lithium (Li)	<0.003		0.003	mg/L		13-OCT-07	CVM	R586883
Molybdenum (Mo)	<0.005		0.005	mg/L		13-OCT-07	CVM	R586883
Nickel (Ni)	<0.002		0.002	mg/L		13-OCT-07	CVM	R586883
Lead (Pb)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Antimony (Sb)	0.0017		0.0004	mg/L		13-OCT-07	CVM	R586883
Selenium (Se)	<0.0004		0.0004	mg/L		13-OCT-07	CVM	R586883
Tin (Sn)	<0.05		0.05	mg/L		13-OCT-07	CVM	R586883
Titanium (Ti)	<0.001		0.001	mg/L		13-OCT-07	CVM	R586883
Thallium (Tl)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Uranium (U)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Vanadium (V)	<0.001		0.001	mg/L		13-OCT-07	CVM	R586883
Zinc (Zn)	0.003		0.002	mg/L		13-OCT-07	CVM	R586883
Ammonia-N	<0.05		0.05	mg/L		10-OCT-07	LMK	R585401
Biochemical Oxygen Demand	<2		2	mg/L		09-OCT-07	MOS	R587289
MF - Fecal Coliforms	<1		1	CFU/100mL		10-OCT-07	PB	R589145
Oil and Grease	<1		1	mg/L		12-OCT-07	HAL	R586913
Orthophosphate (PO4-P)	<0.01		0.01	mg/L		10-OCT-07	LWW	R585585
Phosphorus, Total	<0.02		0.02	mg/L	12-OCT-07	15-OCT-07	RGM	R587811
Phosphorus, Total Diss.	<0.02		0.02	mg/L	12-OCT-07	15-OCT-07	RGM	R587811
Silica Reactive Soluble	0.5		0.1	mg/L		17-OCT-07	DXN	R588710
Total Carbon	7		1	mg/L		15-OCT-07	TL	R587799
Total Inorganic Carbon	3		1	mg/L		15-OCT-07	TL	R587783
Total Kjeldahl Nitrogen	<0.2		0.2	mg/L	12-OCT-07	12-OCT-07	LMK	R586791
Total Suspended Solids	3		3	mg/L		11-OCT-07	SVG	R586146
Turbidity	0.55		0.1	NTU		11-OCT-07	JIAN	R586462
Routine Water Analysis								
Chloride (Cl)	6		1	mg/L		11-OCT-07	EOC	R585642
ICP metals and SO4 for routine water								
Calcium (Ca)	5.9		0.5	mg/L		12-OCT-07	JWU	R586308
Potassium (K)	0.9		0.5	mg/L		12-OCT-07	JWU	R586308
Magnesium (Mg)	0.9		0.1	mg/L		12-OCT-07	JWU	R586308
Sodium (Na)	4		1	mg/L		12-OCT-07	JWU	R586308
Sulfate (SO4)	4.0		0.5	mg/L		12-OCT-07	JWU	R586308
Ion Balance Calculation								
Ion Balance	Low EC			%		12-OCT-07		

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L563684-1 CAMP IN (MEL-1)								
Sampled By: NOT PROVIDED on 08-OCT-07 @ 09:45								
Matrix: LAKE								
Routine Water Analysis								
Ion Balance Calculation								
TDS (Calculated)	30			mg/L		12-OCT-07		
Hardness (as CaCO3)	18			mg/L		12-OCT-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		10-OCT-07	BLI	R585703
Nitrate-N	<0.1		0.1	mg/L		10-OCT-07	BLI	R585703
Nitrite-N	<0.05		0.05	mg/L		10-OCT-07	BLI	R585703
pH, Conductivity and Total Alkalinity								
pH	7.3		0.1	pH		10-OCT-07	CLT	R585327
Conductivity (EC)	63.2		0.2	uS/cm		10-OCT-07	CLT	R585327
Bicarbonate (HCO3)	17		5	mg/L		10-OCT-07	CLT	R585327
Carbonate (CO3)	<5		5	mg/L		10-OCT-07	CLT	R585327
Hydroxide (OH)	<5		5	mg/L		10-OCT-07	CLT	R585327
Alkalinity, Total (as CaCO3)	14		5	mg/L		10-OCT-07	CLT	R585327
L563684-2 A8 (MEL-2)								
Sampled By: NOT PROVIDED on 08-OCT-07 @ 12:15								
Matrix: LAKE								
Dissolved Metals - CCME								
Dissolved Major Metals								
Iron (Fe)	0.033		0.005	mg/L		10-OCT-07	SYF	R585675
Manganese (Mn)	0.003		0.001	mg/L		10-OCT-07	SYF	R585675
Dissolved Trace Metals								
Silver (Ag)	<0.0001	RAMB	0.0001	mg/L		13-OCT-07	CVM	R586883
Aluminum (Al)	<0.01		0.01	mg/L		13-OCT-07	CVM	R586883
Arsenic (As)	0.0016		0.0004	mg/L		13-OCT-07	CVM	R586883
Boron (B)	<0.05		0.05	mg/L		13-OCT-07	CVM	R586883
Barium (Ba)	0.013		0.003	mg/L		13-OCT-07	CVM	R586883
Beryllium (Be)	<0.001		0.001	mg/L		13-OCT-07	CVM	R586883
Cadmium (Cd)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Cobalt (Co)	<0.002		0.002	mg/L		13-OCT-07	CVM	R586883
Chromium (Cr)	<0.005		0.005	mg/L		13-OCT-07	CVM	R586883
Copper (Cu)	<0.001		0.001	mg/L		13-OCT-07	CVM	R586883
Mercury (Hg)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Lithium (Li)	0.004		0.003	mg/L		13-OCT-07	CVM	R586883
Molybdenum (Mo)	<0.005		0.005	mg/L		13-OCT-07	CVM	R586883
Nickel (Ni)	<0.002		0.002	mg/L		13-OCT-07	CVM	R586883
Lead (Pb)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Antimony (Sb)	0.0017		0.0004	mg/L		13-OCT-07	CVM	R586883
Selenium (Se)	<0.0004		0.0004	mg/L		13-OCT-07	CVM	R586883
Tin (Sn)	<0.05		0.05	mg/L		13-OCT-07	CVM	R586883
Titanium (Ti)	<0.001		0.001	mg/L		13-OCT-07	CVM	R586883
Thallium (Tl)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Uranium (U)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Vanadium (V)	<0.001		0.001	mg/L		13-OCT-07	CVM	R586883
Zinc (Zn)	<0.002		0.002	mg/L		13-OCT-07	CVM	R586883
Ammonia-N	<0.05		0.05	mg/L		10-OCT-07	LMK	R585401
Biochemical Oxygen Demand	<2		2	mg/L		09-OCT-07	MOS	R587289
MF - Fecal Coliforms	<1		1	CFU/100mL		10-OCT-07	PB	R589145
Oil and Grease	<1		1	mg/L		12-OCT-07	HAL	R586913
Orthophosphate (PO4-P)	<0.01		0.01	mg/L		10-OCT-07	LWW	R585585
Phosphorus, Total	<0.02		0.02	mg/L	12-OCT-07	15-OCT-07	RGM	R587811

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L563684-2 A8 (MEL-2)								
Sampled By: NOT PROVIDED on 08-OCT-07 @ 12:15								
Matrix: LAKE								
Phosphorus, Total Diss.	<0.02		0.02	mg/L	12-OCT-07	15-OCT-07	RGM	R587811
Silica Reactive Soluble	1.3		0.1	mg/L		17-OCT-07	DXN	R588710
Total Carbon	11		1	mg/L		15-OCT-07	TL	R587799
Total Inorganic Carbon	7		1	mg/L		15-OCT-07	TL	R587783
Total Kjeldahl Nitrogen	0.2		0.2	mg/L	12-OCT-07	12-OCT-07	LMK	R586791
Total Suspended Solids	<3		3	mg/L		11-OCT-07	SVG	R586146
Turbidity	0.50		0.1	NTU		11-OCT-07	JIAN	R586462
Routine Water Analysis								
Chloride (Cl)	17		1	mg/L		11-OCT-07	EOC	R585642
ICP metals and SO4 for routine water								
Calcium (Ca)	16.9		0.5	mg/L		12-OCT-07	JWU	R586308
Potassium (K)	1.0		0.5	mg/L		12-OCT-07	JWU	R586308
Magnesium (Mg)	2.2		0.1	mg/L		12-OCT-07	JWU	R586308
Sodium (Na)	3		1	mg/L		12-OCT-07	JWU	R586308
Sulfate (SO4)	4.1		0.5	mg/L		12-OCT-07	JWU	R586308
Ion Balance Calculation								
Ion Balance	96.7			%		12-OCT-07		
TDS (Calculated)	64			mg/L		12-OCT-07		
Hardness (as CaCO3)	51			mg/L		12-OCT-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		10-OCT-07	BLI	R585703
Nitrate-N	<0.1		0.1	mg/L		10-OCT-07	BLI	R585703
Nitrite-N	<0.05		0.05	mg/L		10-OCT-07	BLI	R585703
pH, Conductivity and Total Alkalinity								
pH	7.7		0.1	pH		10-OCT-07	CLT	R585327
Conductivity (EC)	134		0.2	uS/cm		10-OCT-07	CLT	R585327
Bicarbonate (HCO3)	40		5	mg/L		10-OCT-07	CLT	R585327
Carbonate (CO3)	<5		5	mg/L		10-OCT-07	CLT	R585327
Hydroxide (OH)	<5		5	mg/L		10-OCT-07	CLT	R585327
Alkalinity, Total (as CaCO3)	33		5	mg/L		10-OCT-07	CLT	R585327
L563684-3 CAMP GREY (MEL-3)								
Sampled By: NOT PROVIDED on 08-OCT-07 @ 10:25								
Matrix: GREY								
Dissolved Metals - CCME								
Dissolved Major Metals								
Iron (Fe)	0.336		0.005	mg/L		10-OCT-07	SYF	R585675
Manganese (Mn)	0.380		0.001	mg/L		10-OCT-07	SYF	R585675
Dissolved Trace Metals								
Silver (Ag)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Aluminum (Al)	0.03		0.01	mg/L		13-OCT-07	CVM	R586883
Arsenic (As)	0.0034		0.0004	mg/L		13-OCT-07	CVM	R586883
Boron (B)	<0.05		0.05	mg/L		13-OCT-07	CVM	R586883
Barium (Ba)	0.021		0.003	mg/L		13-OCT-07	CVM	R586883
Beryllium (Be)	<0.001		0.001	mg/L		13-OCT-07	CVM	R586883
Cadmium (Cd)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Cobalt (Co)	0.012		0.002	mg/L		13-OCT-07	CVM	R586883
Chromium (Cr)	<0.005		0.005	mg/L		13-OCT-07	CVM	R586883
Copper (Cu)	0.002		0.001	mg/L		13-OCT-07	CVM	R586883
Mercury (Hg)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Lithium (Li)	0.003		0.003	mg/L		13-OCT-07	CVM	R586883
Molybdenum (Mo)	<0.005		0.005	mg/L		13-OCT-07	CVM	R586883

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L563684-3 CAMP GREY (MEL-3)								
Sampled By: NOT PROVIDED on 08-OCT-07 @ 10:25								
Matrix: GREY								
Dissolved Metals - CCME								
Dissolved Trace Metals								
Nickel (Ni)	0.024		0.002	mg/L		13-OCT-07	CVM	R586883
Lead (Pb)	0.0034		0.0001	mg/L		13-OCT-07	CVM	R586883
Antimony (Sb)	0.0014		0.0004	mg/L		13-OCT-07	CVM	R586883
Selenium (Se)	0.0004		0.0004	mg/L		13-OCT-07	CVM	R586883
Tin (Sn)	<0.05		0.05	mg/L		13-OCT-07	CVM	R586883
Titanium (Ti)	0.010		0.001	mg/L		13-OCT-07	CVM	R586883
Thallium (Tl)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Uranium (U)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Vanadium (V)	<0.001		0.001	mg/L		13-OCT-07	CVM	R586883
Zinc (Zn)	0.028		0.002	mg/L		13-OCT-07	CVM	R586883
Ammonia-N	<0.05		0.05	mg/L		10-OCT-07	LMK	R585401
Biochemical Oxygen Demand	22		2	mg/L		09-OCT-07	MOS	R587289
MF - Fecal Coliforms	76		1	CFU/100mL		10-OCT-07	PB	R589145
Oil and Grease	2		1	mg/L		12-OCT-07	HAL	R586913
Orthophosphate (PO4-P)	3.01		0.01	mg/L		10-OCT-07	LWW	R585585
Phosphorus, Total	3.19		0.02	mg/L	12-OCT-07	15-OCT-07	RGM	R587811
Phosphorus, Total Diss.	3.07		0.02	mg/L	12-OCT-07	15-OCT-07	RGM	R587811
Silica Reactive Soluble	17.7		0.1	mg/L		18-OCT-07	DXN	R589151
Total Carbon	70		1	mg/L		15-OCT-07	TL	R587799
Total Inorganic Carbon	45		1	mg/L		15-OCT-07	TL	R587783
Total Kjeldahl Nitrogen	2.4		0.2	mg/L	12-OCT-07	12-OCT-07	LMK	R586791
Total Suspended Solids	9		3	mg/L		11-OCT-07	SVG	R586146
Turbidity	6.2		0.1	NTU		11-OCT-07	JIAN	R586462
Routine Water Analysis								
Chloride (Cl)	29		1	mg/L		11-OCT-07	EOC	R585642
ICP metals and SO4 for routine water								
Calcium (Ca)	34.2		0.5	mg/L		12-OCT-07	JWU	R586308
Potassium (K)	4.9		0.5	mg/L		12-OCT-07	JWU	R586308
Magnesium (Mg)	2.9		0.1	mg/L		12-OCT-07	JWU	R586308
Sodium (Na)	70		1	mg/L		12-OCT-07	JWU	R586308
Sulfate (SO4)	31.6		0.5	mg/L		12-OCT-07	JWU	R586308
Ion Balance Calculation								
Ion Balance	100			%		12-OCT-07		
TDS (Calculated)	282			mg/L		12-OCT-07		
Hardness (as CaCO3)	97			mg/L		12-OCT-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		10-OCT-07	BLI	R585703
Nitrate-N	<0.1		0.1	mg/L		10-OCT-07	BLI	R585703
Nitrite-N	<0.05		0.05	mg/L		10-OCT-07	BLI	R585703
pH, Conductivity and Total Alkalinity								
pH	7.7		0.1	pH		10-OCT-07	CLT	R585327
Conductivity (EC)	503		0.2	uS/cm		10-OCT-07	CLT	R585327
Bicarbonate (HCO3)	222		5	mg/L		10-OCT-07	CLT	R585327
Carbonate (CO3)	<5		5	mg/L		10-OCT-07	CLT	R585327
Hydroxide (OH)	<5		5	mg/L		10-OCT-07	CLT	R585327
Alkalinity, Total (as CaCO3)	182		5	mg/L		10-OCT-07	CLT	R585327
L563684-4 MEL LAKE-GREY (MEL-4)								
Sampled By: NOT PROVIDED on 08-OCT-07 @ 06:10								
Matrix: LAKE								

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L563684-4 MEL LAKE-GREY (MEL-4)								
Sampled By: NOT PROVIDED on 08-OCT-07 @ 06:10								
Matrix: LAKE								
Dissolved Metals - CCME								
Dissolved Major Metals								
Iron (Fe)	0.089		0.005	mg/L		10-OCT-07	SYF	R585675
Manganese (Mn)	0.005		0.001	mg/L		10-OCT-07	SYF	R585675
Dissolved Trace Metals								
Silver (Ag)	<0.0001	RAMB	0.0001	mg/L		13-OCT-07	CVM	R586883
Aluminum (Al)	0.03		0.01	mg/L		13-OCT-07	CVM	R586883
Arsenic (As)	0.0004		0.0004	mg/L		13-OCT-07	CVM	R586883
Boron (B)	<0.05		0.05	mg/L		13-OCT-07	CVM	R586883
Barium (Ba)	0.007		0.003	mg/L		13-OCT-07	CVM	R586883
Beryllium (Be)	<0.001		0.001	mg/L		13-OCT-07	CVM	R586883
Cadmium (Cd)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Cobalt (Co)	<0.002		0.002	mg/L		13-OCT-07	CVM	R586883
Chromium (Cr)	<0.005		0.005	mg/L		13-OCT-07	CVM	R586883
Copper (Cu)	0.001		0.001	mg/L		13-OCT-07	CVM	R586883
Mercury (Hg)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Lithium (Li)	<0.003		0.003	mg/L		13-OCT-07	CVM	R586883
Molybdenum (Mo)	<0.005		0.005	mg/L		13-OCT-07	CVM	R586883
Nickel (Ni)	<0.002		0.002	mg/L		13-OCT-07	CVM	R586883
Lead (Pb)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Antimony (Sb)	0.0015		0.0004	mg/L		13-OCT-07	CVM	R586883
Selenium (Se)	<0.0004		0.0004	mg/L		13-OCT-07	CVM	R586883
Tin (Sn)	<0.05		0.05	mg/L		13-OCT-07	CVM	R586883
Titanium (Ti)	0.003		0.001	mg/L		13-OCT-07	CVM	R586883
Thallium (Tl)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Uranium (U)	<0.0001		0.0001	mg/L		13-OCT-07	CVM	R586883
Vanadium (V)	<0.001		0.001	mg/L		13-OCT-07	CVM	R586883
Zinc (Zn)	0.005		0.002	mg/L		13-OCT-07	CVM	R586883
Ammonia-N	<0.05		0.05	mg/L		10-OCT-07	LMK	R585401
Biochemical Oxygen Demand	<2		2	mg/L		09-OCT-07	MOS	R587289
MF - Fecal Coliforms	<1		1	CFU/100mL		10-OCT-07	PB	R589145
Oil and Grease	<1		1	mg/L		12-OCT-07	HAL	R586913
Orthophosphate (PO4-P)	<0.01		0.01	mg/L		10-OCT-07	LWW	R585585
Phosphorus, Total	<0.02		0.02	mg/L	12-OCT-07	15-OCT-07	RGM	R587811
Phosphorus, Total Diss.	<0.02		0.02	mg/L	12-OCT-07	15-OCT-07	RGM	R587811
Silica Reactive Soluble	0.5		0.1	mg/L		17-OCT-07	DXN	R588710
Total Carbon	6		1	mg/L		15-OCT-07	TL	R587799
Total Inorganic Carbon	3		1	mg/L		15-OCT-07	TL	R587783
Total Kjeldahl Nitrogen	<0.2		0.2	mg/L	12-OCT-07	12-OCT-07	LMK	R586791
Total Suspended Solids	<3		3	mg/L		11-OCT-07	SVG	R586146
Turbidity	0.55		0.1	NTU		11-OCT-07	JIAN	R586462
Routine Water Analysis								
Chloride (Cl)	6		1	mg/L		11-OCT-07	EOC	R585642
ICP metals and SO4 for routine water								
Calcium (Ca)	5.6		0.5	mg/L		12-OCT-07	JWU	R586308
Potassium (K)	0.9		0.5	mg/L		12-OCT-07	JWU	R586308
Magnesium (Mg)	0.9		0.1	mg/L		12-OCT-07	JWU	R586308
Sodium (Na)	4		1	mg/L		12-OCT-07	JWU	R586308
Sulfate (SO4)	3.6		0.5	mg/L		12-OCT-07	JWU	R586308
Ion Balance Calculation								
Ion Balance	Low EC			%		12-OCT-07		

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L563684-4 MEL LAKE-GREY (MEL-4)								
Sampled By: NOT PROVIDED on 08-OCT-07 @ 06:10								
Matrix: LAKE								
Routine Water Analysis								
Ion Balance Calculation								
TDS (Calculated)	29			mg/L		12-OCT-07		
Hardness (as CaCO3)	18			mg/L		12-OCT-07		
Nitrate+Nitrite-N	<0.1		0.1	mg/L		10-OCT-07	BLI	R585703
Nitrate-N	<0.1		0.1	mg/L		10-OCT-07	BLI	R585703
Nitrite-N	<0.05		0.05	mg/L		10-OCT-07	BLI	R585703
pH, Conductivity and Total Alkalinity								
pH	7.3		0.1	pH		10-OCT-07	CLT	R585327
Conductivity (EC)	61.6		0.2	uS/cm		10-OCT-07	CLT	R585327
Bicarbonate (HCO3)	15		5	mg/L		10-OCT-07	CLT	R585327
Carbonate (CO3)	<5		5	mg/L		10-OCT-07	CLT	R585327
Hydroxide (OH)	<5		5	mg/L		10-OCT-07	CLT	R585327
Alkalinity, Total (as CaCO3)	13		5	mg/L		10-OCT-07	CLT	R585327

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

Reference Information

Sample Parameter Qualifier key listed:

Qualifier	Description
RAMB	Result Adjusted For Method Blank

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
IONBALANCE-ED	Water	Ion Balance Calculation		APHA 1030E
MET1-DIS-CCME-ED	Water	Dissolved Trace Metals		EPA 6020
MET2-DIS-ED	Water	Dissolved Major Metals		EPA 200.7
N-TOTKJ-ED	Water	Total Kjeldahl Nitrogen		APHA 4500N-C -Dig.-Auto-Colorimetry
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-TOTAL-ED	Water	Phosphorus, Total		APHA 4500 P B,E-Auto-Colorimetry
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
SILICA-REAC-SOL-WP	Water	Reactive Silica		Technicon 105-71W; APHA 4500E

Ammonium molybdate at approximately pH 1.2 reacts with silica and phosphate to produce heteropoly acids. Oxalic acid is added to destroy the molybdosphosphoric acid but not the molybdosilicic acid. The yellow molybdosilicic acid is reduced by ascorbic acid to heteropoly blue. The intensity of the blue colour measured spectrophotometrically at 600 nm is proportional to the concentration of molybdate-reactive silica and is reported as soluble. Results reported as dissolved indicate the sample was filtered prior to analysis.

SOLIDS-TOTSUS-ED	Water	Total Suspended Solids		APHA 2540 D-Gravimetric
TURBIDITY-ED	Water	Turbidity		APHA 2130 B-Nephelometer

Reference Information

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

Chain of Custody numbers:

A067532

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
WP	ALS LABORATORY GROUP - WINNIPEG, MANITOBA, CANADA		

GLOSSARY OF REPORT TERMS
Surr - A surrogate is an organic compound that is similar to the target analyte(s) in chemical composition and behavior but not normally detected in 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.

ALS 071017-4

PBR Laboratories Inc.

MICROBIOLOGY ANALYSIS REPORT

REPORT #: 071017-4 ***FILE:*** ALS-071017-4

WO #: 07-CEK

P.O #: 563684

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

ATTENTION: ALSED Reporting
PH: 780-539-5196
Fax: 780-437-2311

SAMPLE DESCRIPTION: Water Samples.

DATE OF SAMPLE COLLECTION: October 08, 2007.

DATE & TIME OF SAMPLE RECEIPT: October 10, 2007 / 9:00 AM.

TESTS PERFORMED: Fecal Coliform by MF.

TEST START DATE: October 10, 2007.

COMPLETION DATE: October 11, 2007.

CERTIFICATE OF ANALYSIS: Please see page 2.

CERTIFICATE OF ANALYSIS

Table 1. Water Samples: Fecal Coliform.

PBR ID	Client Sample No.	Client ID	Fecal Coliform CFU / 100ml APHA – 9222D
07-CEK-01	L563684-1	CAMP IN (MEL-1)	<1*
07-CEK-02	L563684-2	A8 (MEL-2)	<1*
07-CEK-03	L563684-3	CAMP GREY (MEL-3)	76
07-CEK-04	L563684-4	MEL LAKE-GREY (MEL-4)	<1*

Note : CFU = Colony Forming Units.
** No counts were detected.*

Kausalyah Gopalkrishnan (Analyst)
DATE: Oct 17th, 2007

Approved by:

Narayan Pokharel, Ph.D.
DATE: 17 Oct. 07

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 # A067532

Page ____ of ____

REPORT TO: COMPLEX MINERALS CORP.	REPORT FORMAT / DISTRIBUTION
COMPANY:	STANDARD X OTHER ____
CONTACT: S. BARHAM	PDF ____ EXCEL X CUSTOM ____ FAX ____
ADDRESS: 901-1015 4th ST. SW.	EMAIL 1: sbarham@complex.com
CALGARY, AB T2R 1J4	EMAIL 2: ddumka@complex.com
PHONE: 403.265-2046 FAX: 403.232-1421	
INVOICE TO: SAME AS REPORT ? (YES) NO	INDICATE BOTTLES: FILTERED / PRESERVED (F/P) → → →
COMPANY:	CLIENT / PROJECT INFORMATION:
CONTACT:	JOB #: MELIADINE WEST
ADDRESS: MELIADINE WEST CAMP	PO /AFE: 3.393
FIELD PHONE: 403 451-3236	Legal Site Description:
PHONE: FAX: 403-451-3238	QUOTE #:
Lab Work Order # (lab use only): L563684	SAMPLER (Initials):

SERVICE REQUESTED

- X REGULAR SERVICE (DEFAULT)
- RUSH SERVICE (2-3 DAYS)
- PRIORITY SERVICE (1 DAY or ASAP)
- EMERGENCY SERVICE (<1 DAY / WEEKEND) - CONTACT ALS

ANALYSIS REQUEST

Sample #	SAMPLE IDENTIFICATION (This description will appear on the report)	DATE	TIME	SAMPLE TYPE	ROUTINE	NUTRIENTS	METALS	BOD	OGG	FCC		FIELD pH	FIELD T°C		HAZARDOUS ?	HIGHLY CONTAMINATED ?	NUMBER OF CONTAINERS
1	CAMP IN (MEL-1)	8OCT07	9:45AM	LAKE	X	X	X	X	X	X		7.24	0.7				
2	A8 (MEL-2)	8OCT07	12:15PM	LAKE	X	X	X	X	X	X		7.81	0.5				
3	CAMP GREY (MEL-3)	8OCT07	10:25AM	GREY	X	X	X	X	X	X		7.64	0.5				
4	MEL LAKE-GREY (MEL-4)	8OCT07	6:10AM	LAKE	X	X	X	X	X	X		7.55	1.0				

GUIDELINES / REGULATIONS

CCME

SPECIAL INSTRUCTIONS / HAZARDOUS DETAILS

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

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

RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:
A. J. Eastwood.	1PM Oct8/07		
RELINQUISHED BY:	DATE & TIME:	RECEIVED BY:	DATE & TIME:
		RSO 12:56	9-Oct-07

SAMPLE CONDITION (lab use only)

TEMPERATURE	SAMPLES RECEIVED IN GOOD CONDITION ? YES / NO (If no provide details)
3.0	1X Cooler