



Environmental Division

ANALYTICAL REPORT

ATTN: S. BARHAM

Reported On: 18-SEP-07 11:39 AM

COMAPLEX MINERALS
901-1015 4ST SW
CALGARY AB T2R 1J4

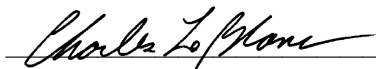
Lab Work Order #: L542462

Date Received: 15-AUG-07

Project P.O. #: MELIADINE-WEST 3.393
Job Reference: COMAPLEX MINERALS
Legal Site Desc:
CofC Numbers: c075435

Other Information:

Comments:


CHARLES LEBLANC
General Manager, Edmonton

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

MARTA PIETUCHA

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

ALS Canada Ltd. (formerly ETL Chemspec Analytical Ltd.)
Part of the **ALS Laboratory Group**

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A Campbell Brothers Limited Company

ALS LABORATORY GROUP ANALYTICAL REPORT

		Sample ID Description Sampled Date Sampled Time Client ID	L542462-1 POND 12-AUG-07 14:20 A13	L542462-2 POND 12-AUG-07 14:34 A57	L542462-3 POND 12-AUG-07 14:51 A54	L542462-4 POND 12-AUG-07 15:07 A56	L542462-5 GREYWATER 13-AUG-07 09:39 MEL-3
Grouping	Analyte						
WATER							
Physical Tests	Alkalinity, Total (as CaCO3) (mg/L)	30	123	49	78	301	
	Carbonate (CO3) (mg/L)	<5	<5	<5	<5	<5	
	Conductivity (EC) (uS/cm)	2370	294	618	1680	715	
	pH (pH)	7.5	8.1	7.8	7.9	8.1	
	Hydroxide (OH) (mg/L)	<5	<5	<5	<5	<5	
	Total Dissolved Solids (mg/L)	1440	191	386	1090	456	
	Total Suspended Solids (mg/L)	4	3	4	<3	<3	
	Turbidity (NTU)	1.9	1.9	<0.1	0.30	0.40	
	Bicarbonate (HCO3) (mg/L)	37	151	60	95	367	
Anions and Nutrients	Ammonia-N (mg/L)	0.06	0.08	<0.05	<0.05	<0.05	
	Calcium (Ca) (mg/L)	346	47.6	74.5	236	49.0	
	Magnesium (Mg) (mg/L)	38.1	5.5	12.2	29.1	2.5	
	Potassium (K) (mg/L)	8.8	3.0	6.1	9.6	2.7	
	Sodium (Na) (mg/L)	26	8	15	22	123	
	Hardness (as CaCO3) (mg/L)	1020	142	236	709	133	
	Chloride (Cl) (mg/L)	716	14	134	444	40	
	Sulfate (SO4) (mg/L)	14.3	4.5	19.8	69.2	18.6	
	Nitrate+Nitrite-N (mg/L)	<0.1	<0.1	<0.1	0.5	0.2	
	Nitrate-N (mg/L)	<0.1	<0.1	<0.1	0.5	0.2	
	Nitrite-N (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	
	Total Kjeldahl Nitrogen (mg/L)	0.6	1.5	0.7	1.0	1.6	
	Orthophosphate (PO4-P) (mg/L)	<0.01	<0.01	<0.01	<0.01	3.19	
	TDS (Calculated) (mg/L)	1170	156	291	859	417	
	Ion Balance (%)	103	110	107	98.8	107	
Dissolved Metals	Aluminum (Al) (mg/L)	0.02	0.01	<0.01	0.03	0.03	
	Antimony (Sb) (mg/L)	<0.0004	<0.0004	<0.0004	<0.0004	0.0005	
	Arsenic (As) (mg/L)	0.0036	0.0067	0.0037	0.0048	0.0069	
	Barium (Ba) (mg/L)	0.345	0.032	0.050	0.154	0.032	
	Beryllium (Be) (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001	
	Boron (B) (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05	
	Cadmium (Cd) (mg/L)	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	
	Chromium (Cr) (mg/L)	<0.005	0.006	<0.005	<0.005	<0.005	
	Cobalt (Co) (mg/L)	<0.002	<0.002	<0.002	<0.002	0.006	
	Copper (Cu) (mg/L)	0.002	0.004	0.001	0.003	0.003	
	Iron (Fe)-Dissolved (mg/L)	1.28	0.286	0.055	0.182	0.087	
	Lead (Pb) (mg/L)	<0.0001	<0.0001	<0.0001	<0.0001	0.0019	
	Lithium (Li) (mg/L)	0.139	<0.003	0.032	0.102	<0.003	
	Manganese (Mn)-Dissolved (mg/L)	0.120	0.008	0.003	0.022	0.017	
	Mercury (Hg) (mg/L)	0.0002	0.0001	<0.0001	0.0001	0.0002	

ALS LABORATORY GROUP ANALYTICAL REPORT

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Grouping	Analyte					
WATER						
Dissolved Metals	Molybdenum (Mo) (mg/L)	<0.005	<0.005	<0.005	<0.005	<0.005
	Nickel (Ni) (mg/L)	0.015	0.006	0.004	0.011	0.023
	Selenium (Se) (mg/L)	0.0021	0.0005	0.0007	0.0015	<0.0004
	Silver (Ag) (mg/L)	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Strontium (Sr)-Dissolved (mg/L)	2.48	0.291	0.674	1.93	0.262
	Thallium (Tl) (mg/L)	0.0002	<0.0001	<0.0001	<0.0001	0.0002
	Tin (Sn) (mg/L)	<0.05	<0.05	<0.05	<0.05	<0.05
	Titanium (Ti) (mg/L)	<0.001	<0.001	<0.001	<0.001	<0.001
	Uranium (U) (mg/L)	<0.0001	0.0004	<0.0001	0.0028	0.0002
	Vanadium (V) (mg/L)	0.008	0.002	0.004	0.008	0.005
	Zinc (Zn) (mg/L)	0.009	0.005	0.005	0.059	0.026
Organic Parameters	Total Organic Carbon (mg/L)	10	25	12	17	24
Miscellaneous-No group	Phosphorus, Total Dissolved (mg/L)	<0.02	<0.02	<0.02	<0.02	3.07
	Total Carbon (mg/L)	16	51	22	34	89
	Total Inorganic Carbon (mg/L)	7	30	11	18	73

Reference Information

Qualifiers for Sample Submission Listed:

Qualifier	Description
EHT	Exceeds Recommended Holding Time Prior To Analysis - routine, metals, and nutrients are all past hold time.

Qualifiers for Individual Parameters Listed:

Qualifier	Description
BL:INT	Balance Reviewed: Interference Or Non-Measured Component
RAMB	Result Adjusted For Method Blank

Samples with Qualifiers for Individual Parameters as listed above:

Sample Number	Client Sample ID	Qualifier
L542462-1	A13	RAMB
L542462-2	A57	BL:INT

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
C-TOT-ED	Water	Total Carbon	APHA 5310 B-Instrumental
C-TOT-INORG-ED	Water	Total Inorganic Carbon	APHA 5310 B-Instrumental
C-TOT-ORG-ED	Water	Total Organic 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
FE-DIS-ED	Water	Iron (Fe)-Dissolved	EPA 200.7
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

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
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
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-TDS-ED	Water	Total Dissolved Solids	APHA 2540 C
SOLIDS-TOTSUS-ED	Water	Total Suspended Solids	APHA 2540 D-Gravimetric
SR-DIS-ED	Water	Strontium (Sr)-Dissolved	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. The last two letters of the above ALS Test Code column indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
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Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Analytical Method Reference(Based On)
ED		ALS LABORATORY GROUP - EDMONTON, ALBERTA, CANADA	

GLOSSARY OF REPORT TERMS

Surr - A surrogate is an organic compound that is similar to the target analyte(s) in chemical composition and behavior but not normally detected in enviromental samples. Prior to sample processing, samples are fortified with one or more surrogate compounds.

The reported surrogate recovery value provides a measure of method efficiency.

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

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

N/A - Result not available. Refer to qualifier code and definition for explanation

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Although test results are generated under strict QA/QC protocols, any unsigned test reports, faxes, or emails are considered preliminary.

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

Environmental Division



REPORT TO: <u>Conceptex Minerals</u>		REPORT FORMAT / DISTRIBUTION		SERVICE REQUESTED	
COMPANY:	STANDARD	OTHER	PDF	EXCEL	RUSH SERVICE (2-3 DAYS)
CONTACT:	PDF	EXCEL	CUSTOM	FAX	PRIORITY SERVICE (1 DAY or ASAP)
ADDRESS:	EMAIL 1:	EMAIL 2:	EMERGENCY SERVICE (<1 DAY / WEEKEND) - CONTACT ALS		
PHONE:	PHONE:	FAX:	ANALYSIS REQUEST		
COMPANY:	INDICATE BOTTLES: FILTERED / PRESERVED (F/P)				
CONTACT:	CLIENT / PROJECT INFORMATION:				
ADDRESS:	JOB #:	PO / AFE:			
Field Note 403 451 3 236	Legal Site Description:	QUOTE #:			
PHONE:	Lab Work Order #	SAMPLE IDENTIFICATION			
	(lab use only)	(This description will appear on the report)			
1	A13	DATE	TIME	SAMPLER (Initials):	SAMPLE TYPE
2	A57	Aug 12 / 07	2:20 pm		POND
3	A54	Aug 12	2:34 pm		POND
4	A56	Aug 12	2:51 pm		POND
5	MEL-3	Aug 12	3:07 pm		POND
		Aug 13 / 07	9:39 am		GREY WATER
PLEASE CANCEL SAMPLE					
1 403 - 750 - 2573 office					
403 - 457 - 3236 camp					
re constituent details.					
GUIDELINES / REGULATIONS					
CCME PROT OF AQUATIC LIFE					
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:	RECEIVED BY:	DATE & TIME:
S. Barham	10:00 Aug 13/07	SEP	15 AUG 07		13:15 am
TEMPERATURE			SAMPLE CONDITION (lab use only)		
2.8C			SAMPLES RECEIVED IN GOOD CONDITION? YES / NO		

Christine Potts

From: Marta Pietucha
Sent: Wednesday, September 05, 2007 1:30 PM
To: Christine Potts
Subject: L542462

Hey Christine,

This file has been sitting without being logged in for a long time because the client was not returning calls and it's been passed around.

Anyhow, can you please have it logged in for the Routine package, Met-dis-cme, ammonia, TKN, total and dissolved phosphate, ortho phosphate, TOC, total Inorganic carbon, total carbon, turbidity, TSS, TDS, hardness, Calcium, and strontium.

Sorry and thanks.

Marta Pietucha, B.Sc.

Account Manager

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Edmonton, Canada

Phone: +1 780 413 5227

Direct: +1 780 447 6934

Fax: +1 780 437 2311

www.alsenviro.com

9/5/2007

Christine Potts

From: Marta Pietucha
Sent: Tuesday, September 11, 2007 7:59 AM
To: Christine Potts
Subject: RE: L542462

It was at the bottom of this email.

Hey Christine,

This file has been sitting without being logged in for a long time because the client was not returning calls and it's been passed around.

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Account Manager

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From: Christine Potts
Sent: Tuesday, September 11, 2007 7:48 AM
To: Marta Pietucha
Subject: RE: L542462

Can you re-send it. Thank you.

From: Marta Pietucha
Sent: Monday, September 10, 2007 3:41 PM
To: Christine Potts
Subject: FW: L542462
Importance: High

Please also add Tellurium and Mercury as well.

CRAP this file is so old. Please make them a super Rush.

9/11/2007

THANX!!

Marta Pietucha, B.Sc.

Account Manager

ALS Laboratory Group

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Edmonton, Canada

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Fax: +1 780 437 2311

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From: Marta Pietucha

Sent: Monday, September 10, 2007 1:30 PM

To: Christine Potts

Subject: RE: L542462

I sent the original email to you.....

Marta Pietucha, B.Sc.

Account Manager

ALS Laboratory Group

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www.alsenviro.com

From: Christine Potts

Sent: Monday, September 10, 2007 12:28 PM

To: Marta Pietucha

Subject: RE: L542462

Who were you talking to about this?

From: Marta Pietucha

Sent: Monday, September 10, 2007 12:24 PM

To: Christine Potts

Subject: FW: L542462

Importance: High

9/11/2007

Eeeeeeeeeeeeeeeeeek this file was never logged in and now the client is calling for the results. I remember us dealing with it, do you know what happened!!??

Marta Pietucha, B.Sc.

Account Manager

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Subject: L542462

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Sorry and thanks.

Marta Pietucha, B.Sc.

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9/11/2007