Certificate of Analysis

OZ MINERALS CANADA RESOURCES INC.
ATTN: ANDREW MITCHELL
200 - 1159 ALLOY DRIVE
THUNDER BAY ON P7B 6M8

Report Date: 04-AUG-09 16:04 (MT)
Version: FINAL

Lab Work Order #: L797736 **Date Received:** 28-JUL-09

Project P.O. #: 09-00623
Job Reference:
Legal Site Desc: DECANT STRUCTURE FROM LAKE DISPOSAL COOLER #3
CofC Numbers: 08-012361

Other Information:

Comments:

MAUREEN OLINEK
Senior Account Manager

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L797736-1 COOLER 3								
Sampled By: RANDY OINONEN on 27-JUL-09 @ 08:00								
Matrix: WATER								
Hardness								
Dissolved Metals in Water by ICPOES								
Calcium (Ca)-Dissolved	29.4		0.50	mg/L		30-JUL-09	JWU	R888173
Magnesium (Mg)-Dissolved	4.94		0.10	mg/L		30-JUL-09	JWU	R888173
Hardness (as CaCO3)	93.8		1.3	mg/L		30-JUL-09		
Total Metals - CCME								
Mercury (Hg) - Total								
Mercury (Hg)-Total	<0.00010		0.00010	mg/L		29-JUL-09	DEO	R886643
Total Metals in Water by ICPMS (Low)								
Aluminum (Al)-Total	0.039		0.010	mg/L		30-JUL-09	SYF	R888100
Antimony (Sb)-Total	<0.00040		0.00040	mg/L		30-JUL-09	SYF	R888100
Arsenic (As)-Total	0.00807		0.00040	mg/L		30-JUL-09	SYF	R888100
Barium (Ba)-Total	0.0156		0.0030	mg/L		30-JUL-09	SYF	R888100
Beryllium (Be)-Total	<0.0010		0.0010	mg/L		30-JUL-09	SYF	R888100
Boron (B)-Total	<0.050		0.050	mg/L		30-JUL-09	SYF	R888100
Cadmium (Cd)-Total	0.000082		0.000050	mg/L		30-JUL-09	SYF	R888100
Chromium (Cr)-Total	<0.0050		0.0050	mg/L		30-JUL-09	SYF	R888100
Cobalt (Co)-Total	<0.0020		0.0020	mg/L		30-JUL-09	SYF	R888100
Copper (Cu)-Total	0.0019		0.0010	mg/L		30-JUL-09	SYF	R888100
Lead (Pb)-Total	0.00017		0.00010	mg/L		30-JUL-09	SYF	R888100
Lithium (Li)-Total	0.046		0.010	mg/L		30-JUL-09	SYF	R888100
Molybdenum (Mo)-Total	<0.0050		0.0050	mg/L		30-JUL-09	SYF	R888100
Nickel (Ni)-Total	0.0075		0.0020	mg/L		30-JUL-09	SYF	R888100
Selenium (Se)-Total	0.00052		0.00040	mg/L		30-JUL-09	SYF	R888100
Silver (Ag)-Total	<0.00010		0.00010	mg/L		30-JUL-09	SYF	R888100
Thallium (Tl)-Total	<0.00010		0.00010	mg/L		30-JUL-09	SYF	R888100
Tin (Sn)-Total	<0.050		0.050	mg/L		30-JUL-09	SYF	R888100
Titanium (Ti)-Total	<0.0010		0.0010	mg/L		30-JUL-09	SYF	R888100
Uranium (U)-Total	<0.00010		0.00010	mg/L		30-JUL-09	SYF	R888100
Vanadium (V)-Total	<0.0010		0.0010	mg/L		30-JUL-09	SYF	R888100
Zinc (Zn)-Total	<0.0040		0.0040	mg/L		30-JUL-09	SYF	R888100
Total Metals in Water by ICPOES (Low)								
Calcium (Ca)-Total	29.2		0.50	mg/L		29-JUL-09	CLR	R886576
Iron (Fe)-Total	0.188		0.010	mg/L		29-JUL-09	CLR	R886576
Magnesium (Mg)-Total	4.78		0.10	mg/L		29-JUL-09	CLR	R886576
Manganese (Mn)-Total	0.0224		0.0020	mg/L		29-JUL-09	CLR	R886576
Potassium (K)-Total	3.42		0.10	mg/L		29-JUL-09	CLR	R886576
Sodium (Na)-Total	27.5		1.0	mg/L		29-JUL-09	CLR	R886576
Alkalinity, Total (as CaCO3)	17.2		5.0	mg/L		30-JUL-09	CLTT	R887464
Ammonia-N	<0.050		0.050	mg/L		29-JUL-09	LMK	R886000
Biochemical Oxygen Demand	<2.0		2.0	mg/L		28-JUL-09	LJD	R891364
Conductivity (EC)	365		0.20	uS/cm		28-JUL-09	CLTT	R882604
MF - Fecal Coliforms	<1		1	CFU/100 mL		28-JUL-09	PB	R890509
Orthophosphate (PO4-P)	<0.010		0.010	mg/L		30-JUL-09	JHN	R888072
Phosphorus, Total	0.020		0.020	mg/L	29-JUL-09	30-JUL-09	AMY	R888084
Total Kjeldahl Nitrogen	0.54		0.20	mg/L	29-JUL-09	29-JUL-09	LMK	R886275
Total Suspended Solids	4.0		3.0	mg/L		29-JUL-09	SVG	R886439
pH	7.45		0.10	pH		28-JUL-09	CLTT	R882604
NO2, NO3, & (NO2+NO3) in Water								
Nitrate as N by IC								

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L797736-1 COOLER 3								
Sampled By: RANDY OINONEN on 27-JUL-09 @ 08:00								
Matrix: WATER								
NO2, NO3, & (NO2+NO3) in Water								
Nitrate as N by IC								
Nitrate (as N)	<0.050		0.050	mg/L		30-JUL-09	WYA	R886523
Nitrate and Nitrite as N	<0.071		0.071	mg/L		30-JUL-09		
Nitrite as N by IC								
Nitrite (as N)	<0.050		0.050	mg/L		30-JUL-09	WYA	R886523

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

Reference Information

Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Preparation Method Reference(Based On)	Analytical Method Reference(Based On)
ALK-TOT-ED	Water	Alkalinity, Total		APHA 2320 B-Auto-Pot. Titration
BOD-ED	Water	Biochemical Oxygen Demand (BOD)		APHA 5210 B-5 day Incub.-O2 electrode
EC-ED	Water	Conductivity (EC)		APHA 2510 B-electrode
ETL-HARDNESS-DIS-ED	Water	Hardness (from Dissolved Ca and Mg)		APHA 2340 B-Calculation
FCC-MF-PB	Water	Fecal Coliform Count-MF		APHA 9222D MF
HG-T-CVAA-ED	Water	Mercury (Hg) - Total		EPA 245.7 / EPA 245.1
MET-D-ICP-ED	Water	Dissolved Metals in Water by ICPOES		EPA 200.7
MET-T-L-ICP-ED	Water	Total Metals in Water by ICPOES (Low)	EPA3015	EPA 200.7
MET-T-L-MS-ED	Water	Total Metals in Water by ICPMS (Low)	EPA3015	EPA 6020
N-TOTKJ-ED	Water	Total Kjeldahl Nitrogen		APHA 4500N-C -Dig.-Auto-Colorimetry
NH4-ED	Water	Ammonia-N		APHA4500NH3F Colorimetry
NO2+NO3-CALC-ED	Water	Nitrate+Nitrite		CALCULATION
NO2-IC-ED	Water	Nitrite as N by IC		APHA 4110 B-ION CHROMATOGRAPHY
NO3-IC-ED	Water	Nitrate as N by IC		APHA 4110 B-ION CHROMATOGRAPHY
P-TOTAL-ED	Water	Phosphorus, Total		APHA 4500 P B,E-Auto-Colorimetry
PH-ED	Water	pH		APHA 4500 H-Electrode
PO4-ED	Water	Orthophosphate (PO4-P)		APHA 4500 P B,E-Auto-Colorimetry
SOLIDS-TOTSUS-ED	Water	Total Suspended Solids		APHA 2540 D-Gravimetric

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

Chain of Custody numbers:

08-012361

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
PB	PBR LABORATORIES	ED	ALS LABORATORY GROUP - EDMONTON, ALBERTA, CANADA

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.

ALS 090731-04 (09-BTF)

CONFIDENTIAL ANALYSIS REPORT

REPORT #: 090731-04

WO #: 09-BTF

PO #: L797736

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

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

SAMPLE DESCRIPTION: Water Sample

DATE AND TIME OF SAMPLE COLLECTION: July 27, 2009

DATE AND TIME OF SAMPLE RECEIPT: July 28, 2009/15:02

SAMPLE TEMPERATURE WHEN RECEIVED: 9.4° Celsius

TEST PERFORMED: Fecal Coliform by MF

TEST START DATE: July 28, 2009

DATE COMPLETED: July 30, 2009

Certificate of Analysis

PBR ID	Sample #	Client ID	Lot #	Test	Protocol	Result	Units	Comments
09-BTF-1	L797736-1	COOLER 3		Fecal Coliform by MF	APHA-9222D	<1	CFU/100ml	1

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

Kausalyah Gopalkrishnan (Analyst)
Date: Jul 31 2009

Approved By: Narayan Pokharel, Ph.D.
Date: Jul 31 2009

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

Environmental Division

Chain of Custody / Analytical Request Form
Canada Toll Free: 1 800 668 9878
www.alsglobal.com

COC # **08-012361**

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Report to:	**Report Format / Distribution**	**Service Requested:** (rush - subject to availability)
Company: MMG	Standard: ✓ Other: ✓	Regular (Default)
Contact: ANDREW MITCHELL	Select: PDF ✓ Excel ✓ Digital ✓	✓ Priority (2-3 Business Days) - 50% Surcharge
Address: 200-1159 ALLOY DRIVE THUNDER BAY ONT. P7B-6M8	Email 1: andrew.mitchell@mmgroupltd.com	Emergency (1 Business Day) - 100% Surcharge
Phone: 807-346-1668 Fax: 807-345-0284	Email 2:	For Emergency < 1 Day, ASAP or Weekend - Contact ALS
Invoice To: Same as Report ? (Yes) No ?	**Client / Project Information:**	**Analysis Request**
Company:	Job #:	(Indicate Filtered or Preserved, F/P)
Contact:	PO / AFE: ACCT # 16023 PO 09-00623	
Address:	Legal Site Description: DECANT STRUCTURE FROM SEWAGE LAKE DISPOSAL CELL #3	
Phone: Fax:	Quote #: Q21389	
Lab Work Order # (lab use only): L797736	ALS Contact:	Sampler: RANDY OINONEN

Sample #	Sample Identification (This description will appear on the report)	Date	Time	Sample Type	BACTERIOLOGICAL	METALS	PHENOLICS	BACTERIOLOGICAL	NUTRIENTS	BOD	Number of Containers
	COOLER 3 BOTTLE 1 @ 2	7/27/09	0800 HRS	GRAB	2						2
	BOTTLE 3 @ 4	7/27/09	"	"		2					2
	BOTTLE 5 @ 6	"	"	"			2				2
	BOTTLE 7 @ 8	"	"	"				2			2
	BOTTLE 9 @ 10	"	"	"					2		2
	BOTTLE 11 @ 12	"	"	"						2	2

Special Instructions / Regulations / 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 back page of the white - report copy.

SHIPMENT RELEASE (client use)		SHIPMENT RECEPTION (lab use only)				SHIPMENT VERIFICATION (lab use only)		
Released by:	Date & Time: 0830 HRS 7/27/09	Received by: RB	Date: 28-Jul-09	Time: 9:28	Temperature: 2.6	Verified by:	Date & Time:	Observations: Yes / No ? If Yes attach SIF

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

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

GENF 18.00 Front