



Environmental Division

Certificate of Analysis

OZ MINERALS CANADA RESOURCES INC.

ATTN: ANDREW MITCHELL

200 - 1159 ALLOY DRIVE

THUNDER BAY ON P7B 6M8

Report Date: 09-SEP-09 15:08 (MT)

Version: FINAL

Lab Work Order #: **L806862**

Date Received: **18-AUG-09**

Project P.O. #: 09-00623

Job Reference:

Legal Site Desc:

CofC Numbers: 08-011425

Other Information:

Comments:

MAUREEN OLINEK
Senior 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.

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L806862-1 LUP-25								
Sampled By: AM on 16-AUG-09 @ 17:20								
Matrix: WATER								
Total Metals - CCME								
Mercury (Hg) - Total								
Mercury (Hg)-Total	<0.00010			0.00010	mg/L		21-AUG-09	R914663
Total Metals in Water by ICPMS (Low)								
Aluminum (Al)-Total	0.016			0.010	mg/L		22-AUG-09	R914206
Antimony (Sb)-Total	<0.00040			0.00040	mg/L		22-AUG-09	R914206
Arsenic (As)-Total	0.00044			0.00040	mg/L		22-AUG-09	R914206
Barium (Ba)-Total	<0.0030			0.0030	mg/L		22-AUG-09	R914206
Beryllium (Be)-Total	<0.0010			0.0010	mg/L		22-AUG-09	R914206
Boron (B)-Total	<0.050			0.050	mg/L		22-AUG-09	R914206
Cadmium (Cd)-Total	<0.000050			0.000050	mg/L		22-AUG-09	R914206
Chromium (Cr)-Total	<0.0050			0.0050	mg/L		22-AUG-09	R914206
Cobalt (Co)-Total	<0.0020			0.0020	mg/L		22-AUG-09	R914206
Copper (Cu)-Total	<0.0010			0.0010	mg/L		22-AUG-09	R914206
Lead (Pb)-Total	<0.00010			0.00010	mg/L		22-AUG-09	R914206
Lithium (Li)-Total	<0.010			0.010	mg/L		22-AUG-09	R914206
Molybdenum (Mo)-Total	<0.0050			0.0050	mg/L		22-AUG-09	R914206
Nickel (Ni)-Total	<0.0020			0.0020	mg/L		22-AUG-09	R914206
Selenium (Se)-Total	<0.00040			0.00040	mg/L		22-AUG-09	R914206
Silver (Ag)-Total	<0.00010			0.00010	mg/L		22-AUG-09	R914206
Thallium (Tl)-Total	<0.00010			0.00010	mg/L		22-AUG-09	R914206
Tin (Sn)-Total	<0.050			0.050	mg/L		22-AUG-09	R914206
Titanium (Ti)-Total	<0.0010			0.0010	mg/L		22-AUG-09	R914206
Uranium (U)-Total	<0.00010			0.00010	mg/L		22-AUG-09	R914206
Vanadium (V)-Total	<0.0010			0.0010	mg/L		22-AUG-09	R914206
Zinc (Zn)-Total	<0.0040			0.0040	mg/L		22-AUG-09	R914206
Total Metals in Water by ICPOES (Low)								
Calcium (Ca)-Total	0.96			0.50	mg/L		20-AUG-09	R914486
Iron (Fe)-Total	0.011			0.010	mg/L		20-AUG-09	R914486
Magnesium (Mg)-Total	0.51			0.10	mg/L		20-AUG-09	R914486
Manganese (Mn)-Total	0.0021			0.0020	mg/L		20-AUG-09	R914486
Potassium (K)-Total	0.46			0.10	mg/L		20-AUG-09	R914486
Sodium (Na)-Total	<1.0			1.0	mg/L		20-AUG-09	R914486
Miscellaneous Parameters								
Alkalinity, Total (as CaCO3)	<5.0			5.0	mg/L		18-AUG-09	R911889
Ammonia-N	<0.050			0.050	mg/L		19-AUG-09	R912448
Cyanide, Total	<0.0020			0.0020	mg/L	20-AUG-09	20-AUG-09	R915524
Hardness (as CaCO3)	4.5				mg/L		21-AUG-09	
Nitrate (as N)	<0.050			0.050	mg/L		18-AUG-09	R911887
Special Request	See Attached						20-AUG-09	R938901
Total Suspended Solids	<3.0			3.0	mg/L		19-AUG-09	R912700
pH	6.45			0.10	pH		18-AUG-09	R911889

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

Reference Information

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
ALK-TOT-ED	Water	Alkalinity, Total	APHA 2320 B-Auto-Pot. Titration
CN-TOT-WT	Water	Cyanide, Total	APHA 4500CN C E-STRONG ACID DIST COLORIM
ETL-HARDNESS-TOT-ED	Water	Hardness (from Total Ca and Mg)	APHA 2340 B-Calculation
HG-T-CVAA-ED	Water	Mercury (Hg) - Total	EPA 245.7 / EPA 245.1
MET-T-L-ICP-ED	Water	Total Metals in Water by ICPOES (Low)	APHA 3120 B-ICP-OES
MET-T-L-MS-ED	Water	Total Metals in Water by ICPMS (Low)	SW 846 - 6020-ICPMS
NH4-ED	Water	Ammonia-N	APHA4500NH3F Colorimetry
NO3-IC-ED	Water	Nitrate as N by IC	APHA 4110 B-ION CHROMATOGRAPHY
PH-ED	Water	pH	APHA 4500 H-Electrode
SOLIDS-TOTSUS-ED	Water	Total Suspended Solids	APHA 2540 D-Gravimetric
SPECIAL REQUEST-SR	Misc.	Special Request SRC	SEE SUBLET LAB RESULTS

** ALS test methods may incorporate modifications from specified reference methods to improve performance.

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
WT	ALS LABORATORY GROUP - WATERLOO, ONTARIO, CANADA
SR	Saskatchewan Research Council - Saskatoon, Saskatchewan, Can
ED	ALS LABORATORY GROUP - EDMONTON, ALBERTA, CANADA

Chain of Custody Numbers:

08-011425

GLOSSARY OF REPORT TERMS

Surrogates are compounds that are similar in behaviour to target analyte(s), but that do not normally occur in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery. In reports that display the D.L. column, laboratory objectives for surrogates are listed there.

mg/kg - milligrams per kilogram based on dry weight of sample

mk/kg wwt - milligrams per kilogram based on wet weight of sample

mg/kg lwt - milligrams per kilogram based on lipid-adjusted weight

mg/L - 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.

Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.

SRC ANALYTICAL

422 Downey Road
Saskatoon, Saskatchewan, Canada
S7N 4N1
(306) 933-6932 or 1-800-240-8808
Fax: (306) 933-7922

Sep 09, 2009

ALS
9936-67th Avenue
Edmonton, Alberta T6E 0P5
Attn: ALS-ED Reporting

Page 1 of 1

Sample # **36365**
Date Sampled: **Aug 16, 2009**
Sample Matrix: **WATER**
Description: **L806862-1 LUP-25**

Client PO #: **L806862**
Date Received: **Aug 20, 2009**

Analyte	Units	Result	DL
Radio Chemistry			
Radium-226	Bq/L	<0.005	0.005

"<": not detected at level stated above.



Environmental Division

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

COC # 08-011425

L806862

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Report to: ANDREW MITCHELL		Report Format / Distribution		Service Requested: (rush - subject to availability)	
Company: MMG RESOURCES INC.		Standard: <input checked="" type="checkbox"/> PDF <input checked="" type="checkbox"/> Excel <input type="checkbox"/> Digital		Regular (Default)	
Contact:		Select: <input checked="" type="checkbox"/> PDF <input checked="" type="checkbox"/> Excel <input type="checkbox"/> Digital		Priority (2-3 Business Days) - 50% Surcharge	
Address:		Email 1:		Emergency (1 Business Day) - 100% Surcharge	
Phone:		Email 2:		For Emergency < 1 Day, ASAP or Weekend - Contact ALS	
Fax:					
Invoice To: Same as Report?		Client / Project Information:		Analysis Request	
Company:		Job #:		(Indicate Filtered or Preserved, F/P)	
Contact:		PO / AFE:			
Address:		Legal Site Description:			
Phone:		Quote #:			
Fax:		ALS Contact: OLIVER			
Lab Work Order # (lab use only)		Sampler: AM			
Sample #	Sample Identification (This description will appear on the report)	Date	Time	Sample Type	Number of Containers
LUP-20	AC 21590	16 AUG 09	3:30P	GRAB	✓
LUP-21	AC 21590	16 AUG 09	4:00P	GRAB	✓
LUP-22	AC 21590	16 AUG 09	4:26P	GRAB	✓
LUP-23	AC 21590	16 AUG 09	4:55P	GRAB	✓
LUP-24	AC 21590	16 AUG 09	5:20P	GRAB	✓
LUP-25	AC 21590	16 AUG 09	5:00P	GRAB	✓
LUP-26	AC 21590	16 AUG 09	8:00P	GRAB	✓
LUP-27	AC 21590	16 AUG 09	11:54A	GRAB	✓
LUP-28	AC 21590	17 AUG 09	1:00PM	GRAB	✓
LUP-29	AC 21590	17 AUG 09	11:54A	GRAB	✓
LUP-30	AC 21590	17 AUG 09			✓
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