



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 15:19 (MT)

Version: FINAL

Lab Work Order #: L806867

Date Received: 18-AUG-09

Project P.O. #: 06-00623

Job Reference: Q21392

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
L806867-1 LUP-21								
Sampled By: AM on 16-AUG-09 @ 16:00								
Matrix: WATER								
Total Metals - CCME								
Mercury (Hg) - Total								
Mercury (Hg)-Total		<0.00010		0.00010	mg/L		19-AUG-09	R912827
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		0.00050		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		0.89		0.50	mg/L		20-AUG-09	R914486
Iron (Fe)-Total		0.048		0.010	mg/L		20-AUG-09	R914486
Magnesium (Mg)-Total		0.49		0.10	mg/L		20-AUG-09	R914486
Manganese (Mn)-Total		0.0022		0.0020	mg/L		20-AUG-09	R914486
Potassium (K)-Total		0.41		0.10	mg/L		20-AUG-09	R914486
Sodium (Na)-Total		<1.0		1.0	mg/L		20-AUG-09	R914486
Miscellaneous Parameters								
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)		4.2			mg/L		21-AUG-09	
Special Request		See Attached					20-AUG-09	R938901

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

Reference Information

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
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
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: ALSED Reporting

Page 1 of 1

Sample # **36364**
Date Sampled: **Aug 16, 2009**
Sample Matrix: **WATER**
Description: **L806867-1 LUP-21**

Client PO #: **L806867**
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.



L206867

Report to: ANDREW MITCHELL		Report Format / Distribution		Service Requested: (rush - subject to availability)	
Company: MMG RESOURCES INC.		Standard: ☒ Other:		Regular (Default)	
Contact:		Select: PDF ☒ Excel ☐ 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	
Invoice To: Same as Report ? ☒ Yes ☐ No ?		Client / Project Information:		Analysis Request	
Company:		Job #:		(Indicate Filtered or Preserved, F/P)	
Contact:		PO / AFE:			
Address:		Legal Site Description:			
Phone:		Quote #:			
Lab Work Order # (lab use only)		ALS Contact: OLIVER		Sampler: AM	
Sample #	Sample Identification (This description will appear on the report)	Date	Time	Sample Type	Number of Containers
LUP-20	ALS Q21392	16AUG-09	3:30P	GRAB	
LUP-21	ALS Q21392	16AUG-09	4:00P	GRAB	
LUP-22	ALS Q21392	16AUG-09	4:26P	GRAB	
LUP-23	ALS Q21392	16AUG-09	4:55P	GRAB	
LUP-24	ALS Q21392	16AUG-09	5:20P	GRAB	
LUP-25	ALS Q21392	16AUG-09	5:00P	GRAB	
LUP-26	ALS Q21392	16AUG-09	8:00P	GRAB	
LUP-27	ALS Q21392	16AUG-09	11:54a	GRAB	
LUP-28	ALS Q21392	16AUG-09	1:00PM	GRAB	
LUP-29	ALS Q21392	16AUG-09	11:54a	GRAB	
LUP-30	ALS Q21392	16AUG-09			
LUP-31	ALS Q21392	16AUG-09			
LUP-32	ALS Q21392	16AUG-09			
LUP-33	ALS Q21392	16AUG-09			
LUP-34	ALS Q21392	16AUG-09			
LUP-35	ALS Q21392	16AUG-09			
LUP-36	ALS Q21392	16AUG-09			
LUP-37	ALS Q21392	16AUG-09			
LUP-38	ALS Q21392	16AUG-09			
LUP-39	ALS Q21392	16AUG-09			
LUP-40	ALS Q21392	16AUG-09			
LUP-41	ALS Q21392	16AUG-09			
LUP-42	ALS Q21392	16AUG-09			
LUP-43	ALS Q21392	16AUG-09			
LUP-44	ALS Q21392	16AUG-09			
LUP-45	ALS Q21392	16AUG-09			
LUP-46	ALS Q21392	16AUG-09			
LUP-47	ALS Q21392	16AUG-09			
LUP-48	ALS Q21392	16AUG-09			
LUP-49	ALS Q21392	16AUG-09			
LUP-50	ALS Q21392	16AUG-09			
LUP-51	ALS Q21392	16AUG-09			
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LUP-97	ALS Q21392	16AUG-09			
LUP-98	ALS Q21392	16AUG-09			
LUP-99	ALS Q21392	16AUG-09			
LUP-100	ALS Q21392	16AUG-09			

Special Instructions / Regulations / Hazardous Details

PRIORITY SERVICE ON Sample LUP-10 ONLY.

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:	Received by:	Date:	Time:	Temperature:
		RS	18-Aug-09	9:21	5.5
			Verified by:	Date & Time:	Observations: Yes / No ? If Yes attach SIF