



Environmental Division

Certificate of Analysis

OZ MINERALS CANADA RESOURCES INC.

ATTN: ANDREW MITCHELL

200 - 1159 ALLOY DRIVE

THUNDER BAY ON P7B 6M8

Report Date: 24-AUG-09 14:08 (MT)

Version: FINAL

Lab Work Order #: L806692

Date Received: 18-AUG-09

Project P.O. #: 09-00623

Job Reference: Q21390

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	By	Batch
L806692-1 LUP-20									
Sampled By: AM on 16-AUG-09 @ 15:30									
Matrix: WATER									
Total Metals - CCME									
Mercury (Hg) - Total									
Mercury (Hg)-Total		<0.00010		0.00010	mg/L		19-AUG-09	CLR	R912827
Total Metals in Water by ICPMS (Low)									
Aluminum (Al)-Total		0.037		0.010	mg/L		22-AUG-09	SYF	R914206
Antimony (Sb)-Total		<0.00040		0.00040	mg/L		22-AUG-09	SYF	R914206
Arsenic (As)-Total		0.00422		0.00040	mg/L		22-AUG-09	SYF	R914206
Barium (Ba)-Total		0.0060		0.0030	mg/L		22-AUG-09	SYF	R914206
Beryllium (Be)-Total		<0.0010		0.0010	mg/L		22-AUG-09	SYF	R914206
Boron (B)-Total		<0.050		0.050	mg/L		22-AUG-09	SYF	R914206
Cadmium (Cd)-Total		<0.000050		0.000050	mg/L		22-AUG-09	SYF	R914206
Chromium (Cr)-Total		<0.0050		0.0050	mg/L		22-AUG-09	SYF	R914206
Cobalt (Co)-Total		<0.0020		0.0020	mg/L		22-AUG-09	SYF	R914206
Copper (Cu)-Total		0.0035		0.0010	mg/L		22-AUG-09	SYF	R914206
Lead (Pb)-Total		<0.00010		0.00010	mg/L		22-AUG-09	SYF	R914206
Lithium (Li)-Total		<0.010		0.010	mg/L		22-AUG-09	SYF	R914206
Molybdenum (Mo)-Total		<0.0050		0.0050	mg/L		22-AUG-09	SYF	R914206
Nickel (Ni)-Total		0.0120		0.0020	mg/L		22-AUG-09	SYF	R914206
Selenium (Se)-Total		<0.00040		0.00040	mg/L		22-AUG-09	SYF	R914206
Silver (Ag)-Total		<0.00010		0.00010	mg/L		22-AUG-09	SYF	R914206
Thallium (Tl)-Total		<0.00010		0.00010	mg/L		22-AUG-09	SYF	R914206
Tin (Sn)-Total		<0.050		0.050	mg/L		22-AUG-09	SYF	R914206
Titanium (Ti)-Total		<0.0010		0.0010	mg/L		22-AUG-09	SYF	R914206
Uranium (U)-Total		<0.00010		0.00010	mg/L		22-AUG-09	SYF	R914206
Vanadium (V)-Total		<0.0010		0.0010	mg/L		22-AUG-09	SYF	R914206
Zinc (Zn)-Total		0.0060		0.0040	mg/L		22-AUG-09	SYF	R914206
Total Metals in Water by ICPOES (Low)									
Calcium (Ca)-Total		4.80		0.50	mg/L		21-AUG-09	JWU	R917946
Iron (Fe)-Total		0.260		0.010	mg/L		21-AUG-09	JWU	R917946
Magnesium (Mg)-Total		2.46		0.10	mg/L		21-AUG-09	JWU	R917946
Manganese (Mn)-Total		0.0215		0.0020	mg/L		21-AUG-09	JWU	R917946
Potassium (K)-Total		0.70		0.10	mg/L		21-AUG-09	JWU	R917946
Sodium (Na)-Total		14.2		1.0	mg/L		21-AUG-09	JWU	R917946
Ammonia-N		<0.050		0.050	mg/L		19-AUG-09	LMK	R912448
Cyanide, Total		<0.0020		0.0020	mg/L	20-AUG-09	20-AUG-09	BJM	R915524
Hardness (as CaCO3)		22.1			mg/L		24-AUG-09		
L806692-8 FIELD BLANK									
Sampled By: AM on 16-AUG-09 @ 20:00									
Matrix: WATER									
Total Metals - CCME									
Mercury (Hg) - Total									
Mercury (Hg)-Total		<0.00010		0.00010	mg/L		19-AUG-09	CLR	R912827
Total Metals in Water by ICPMS (Low)									
Aluminum (Al)-Total		<0.010		0.010	mg/L		21-AUG-09	SYF	R914206
Antimony (Sb)-Total		<0.00040		0.00040	mg/L		21-AUG-09	SYF	R914206
Arsenic (As)-Total		<0.00040		0.00040	mg/L		21-AUG-09	SYF	R914206
Barium (Ba)-Total		<0.0030		0.0030	mg/L		21-AUG-09	SYF	R914206
Beryllium (Be)-Total		<0.0010		0.0010	mg/L		21-AUG-09	SYF	R914206
Boron (B)-Total		<0.050		0.050	mg/L		21-AUG-09	SYF	R914206
Cadmium (Cd)-Total		<0.000050		0.000050	mg/L		21-AUG-09	SYF	R914206
Chromium (Cr)-Total		<0.0050		0.0050	mg/L		21-AUG-09	SYF	R914206

ALS LABORATORY GROUP ANALYTICAL REPORT

Sample Details/Parameters		Result	Qualifier*	D.L.	Units	Extracted	Analyzed	By	Batch
L806692-8	FIELD BLANK								
Sampled By:	AM on 16-AUG-09 @ 20:00								
Matrix:	WATER								
Total Metals - CCME									
Total Metals in Water by ICPMS (Low)									
	Cobalt (Co)-Total	<0.0020		0.0020	mg/L		21-AUG-09	SYF	R914206
	Copper (Cu)-Total	<0.0010		0.0010	mg/L		21-AUG-09	SYF	R914206
	Lead (Pb)-Total	<0.00010		0.00010	mg/L		21-AUG-09	SYF	R914206
	Lithium (Li)-Total	<0.010		0.010	mg/L		21-AUG-09	SYF	R914206
	Molybdenum (Mo)-Total	<0.0050		0.0050	mg/L		21-AUG-09	SYF	R914206
	Nickel (Ni)-Total	<0.0020		0.0020	mg/L		21-AUG-09	SYF	R914206
	Selenium (Se)-Total	<0.00040		0.00040	mg/L		21-AUG-09	SYF	R914206
	Silver (Ag)-Total	<0.00010		0.00010	mg/L		21-AUG-09	SYF	R914206
	Thallium (Tl)-Total	<0.00010		0.00010	mg/L		21-AUG-09	SYF	R914206
	Tin (Sn)-Total	<0.050		0.050	mg/L		21-AUG-09	SYF	R914206
	Titanium (Ti)-Total	<0.0010		0.0010	mg/L		21-AUG-09	SYF	R914206
	Uranium (U)-Total	<0.00010		0.00010	mg/L		21-AUG-09	SYF	R914206
	Vanadium (V)-Total	<0.0010		0.0010	mg/L		21-AUG-09	SYF	R914206
	Zinc (Zn)-Total	<0.0040		0.0040	mg/L		21-AUG-09	SYF	R914206
Total Metals in Water by ICPOES (Low)									
	Calcium (Ca)-Total	<0.50		0.50	mg/L		21-AUG-09	JWU	R917946
	Iron (Fe)-Total	<0.010		0.010	mg/L		21-AUG-09	JWU	R917946
	Magnesium (Mg)-Total	<0.10		0.10	mg/L		21-AUG-09	JWU	R917946
	Manganese (Mn)-Total	<0.0020		0.0020	mg/L		21-AUG-09	JWU	R917946
	Potassium (K)-Total	0.14		0.10	mg/L		21-AUG-09	JWU	R917946
	Sodium (Na)-Total	<1.0		1.0	mg/L		21-AUG-09	JWU	R917946
	Ammonia-N	<0.050		0.050	mg/L		19-AUG-09	LMK	R912448
	Cyanide, Total	<0.0020		0.0020	mg/L	20-AUG-09	20-AUG-09	BJM	R915524
	Hardness (as CaCO3)	<1.3			mg/L		24-AUG-09		
* 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)
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)	EPA3015	EPA 200.7
MET-T-L-MS-ED	Water	Total Metals in Water by ICPMS (Low)	EPA3015	EPA 6020
NH4-ED	Water	Ammonia-N		APHA4500NH3F Colorimetry

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

Chain of Custody numbers:

08-011425

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
WT	ALS LABORATORY GROUP - WATERLOO, ONTARIO, CANADA	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 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.



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? ☒ 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 Q21390	16 AUG-09	3:30P	GRAB	✓
LUP-21	ALS Q21390	16 AUG-09	4:00P	GRAB	✓
LUP-22	ALS Q21390	16 AUG-09	4:26P	GRAB	✓
LUP-23	ALS Q21390	16 AUG-09	4:55P	GRAB	✓
LUP-24	ALS Q21390	16 AUG-09	5:20P	GRAB	✓
LUP-25	ALS Q21390	16 AUG-09	5:00P	GRAB	✓
LUP-26	ALS Q21390	16 AUG-09	8:00P	GRAB	✓
FIELD BLANK					
LUP-27	ALS Q21390	16 AUG-09	11:54A	GRAB	✓
LUP-28	ALS Q21390	17 AUG-09	1:00PM	GRAB	✓
LUP-29	ALS Q21390	17 AUG-09	11:54A	GRAB	✓
LUP-30	ALS Q21390	17 AUG-09			
LUP-31	ALS Q21390	17 AUG-09			
LUP-32	ALS Q21390	17 AUG-09			
LUP-33	ALS Q21390	17 AUG-09			
LUP-34	ALS Q21390	17 AUG-09			
LUP-35	ALS Q21390	17 AUG-09			
LUP-36	ALS Q21390	17 AUG-09			
LUP-37	ALS Q21390	17 AUG-09			
LUP-38	ALS Q21390	17 AUG-09			
LUP-39	ALS Q21390	17 AUG-09			
LUP-40	ALS Q21390	17 AUG-09			
LUP-41	ALS Q21390	17 AUG-09			
LUP-42	ALS Q21390	17 AUG-09			
LUP-43	ALS Q21390	17 AUG-09			
LUP-44	ALS Q21390	17 AUG-09			
LUP-45	ALS Q21390	17 AUG-09			
LUP-46	ALS Q21390	17 AUG-09			
LUP-47	ALS Q21390	17 AUG-09			
LUP-48	ALS Q21390	17 AUG-09			
LUP-49	ALS Q21390	17 AUG-09			
LUP-50	ALS Q21390	17 AUG-09			
LUP-51	ALS Q21390	17 AUG-09			
LUP-52	ALS Q21390	17 AUG-09			
LUP-53	ALS Q21390	17 AUG-09			
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LUP-58	ALS Q21390	17 AUG-09			
LUP-59	ALS Q21390	17 AUG-09			
LUP-60	ALS Q21390	17 AUG-09			
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LUP-62	ALS Q21390	17 AUG-09			
LUP-63	ALS Q21390	17 AUG-09			
LUP-64	ALS Q21390	17 AUG-09			
LUP-65	ALS Q21390	17 AUG-09			
LUP-66	ALS Q21390	17 AUG-09			
LUP-67	ALS Q21390	17 AUG-09			
LUP-68	ALS Q21390	17 AUG-09			
LUP-69	ALS Q21390	17 AUG-09			
LUP-70	ALS Q21390	17 AUG-09			
LUP-71	ALS Q21390	17 AUG-09			
LUP-72	ALS Q21390	17 AUG-09			
LUP-73	ALS Q21390	17 AUG-09			
LUP-74	ALS Q21390	17 AUG-09			
LUP-75	ALS Q21390	17 AUG-09			
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LUP-80	ALS Q21390	17 AUG-09			
LUP-81	ALS Q21390	17 AUG-09			
LUP-82	ALS Q21390	17 AUG-09			
LUP-83	ALS Q21390	17 AUG-09			
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LUP-87	ALS Q21390	17 AUG-09			
LUP-88	ALS Q21390	17 AUG-09			
LUP-89	ALS Q21390	17 AUG-09			
LUP-90	ALS Q21390	17 AUG-09			
LUP-91	ALS Q21390	17 AUG-09			
LUP-92	ALS Q21390	17 AUG-09			
LUP-93	ALS Q21390	17 AUG-09			
LUP-94	ALS Q21390	17 AUG-09			
LUP-95	ALS Q21390	17 AUG-09			
LUP-96	ALS Q21390	17 AUG-09			
LUP-97	ALS Q21390	17 AUG-09			
LUP-98	ALS Q21390	17 AUG-09			
LUP-99	ALS Q21390	17 AUG-09			
LUP-100	ALS Q21390	17 AUG-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:	Temperature:	Verified by:
		RCS	18-Aug-09	9:21	5.5
Observations:		Date & Time:		If Yes attach SIF	
Yes / No ?					
If Yes attach SIF					