



**Environmental Division**

**Certificate of Analysis**

OZ MINERALS CANADA RESOURCES INC.

ATTN: ANDREW MITCHELL

200 - 1159 ALLOY DRIVE

THUNDER BAY ON P7B 6M8

**Report Date:** 27-AUG-09 16:45 (MT)

**Version:** FINAL

**Lab Work Order #:** L810257

**Date Received:** 26-AUG-09

**Project P.O. #:** 06-001023

**Job Reference:**

**Legal Site Desc:**

**CofC Numbers:** 08-012366

**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
L810257-1 LUP-20 (Q21390) Sampled By: AM on 21-AUG-09 @ 09:45 Matrix: WATER <b>Miscellaneous Parameters</b> Alkalinity, Total (as CaCO <sub>3</sub> ) Total Suspended Solids pH	<5.0 <3.0 6.55		5.0 3.0 0.10	mg/L mg/L pH		26-AUG-09 27-AUG-09 26-AUG-09	R922684 R923598 R922684
L810257-2 LUP-21 (Q21391) Sampled By: AM on 21-AUG-09 @ 10:03 Matrix: WATER <b>Miscellaneous Parameters</b> Alkalinity, Total (as CaCO <sub>3</sub> ) Total Suspended Solids pH	<5.0 <3.0 6.47		5.0 3.0 0.10	mg/L mg/L pH		26-AUG-09 27-AUG-09 26-AUG-09	R922684 R923598 R922684
L810257-3 LUP-22 (Q21395) Sampled By: AM on 21-AUG-09 @ 10:45 Matrix: WATER <b>Miscellaneous Parameters</b> Alkalinity, Total (as CaCO <sub>3</sub> ) Total Suspended Solids pH	<5.0 <3.0 6.48		5.0 3.0 0.10	mg/L mg/L pH		26-AUG-09 27-AUG-09 26-AUG-09	R922684 R923598 R922684
L810257-4 LUP-24 (Q21396) Sampled By: AM on 21-AUG-09 @ 11:00 Matrix: WATER <b>Miscellaneous Parameters</b> Alkalinity, Total (as CaCO <sub>3</sub> ) Total Suspended Solids pH	<5.0 <3.0 6.46		5.0 3.0 0.10	mg/L mg/L pH		26-AUG-09 27-AUG-09 26-AUG-09	R922684 R923598 R922684
L810257-5 LUP-25 (Q21397) Sampled By: AM on 21-AUG-09 @ 11:20 Matrix: WATER <b>Miscellaneous Parameters</b> Alkalinity, Total (as CaCO <sub>3</sub> ) Total Suspended Solids pH	<5.0 <3.0 6.45		5.0 3.0 0.10	mg/L mg/L pH		26-AUG-09 27-AUG-09 26-AUG-09	R922684 R923598 R922684

\* 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
PH-ED	Water	pH	APHA 4500 H-Electrode
SOLIDS-TOTSUS-ED	Water	Total Suspended Solids	APHA 2540 D-Gravimetric

\*\* 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
ED	ALS LABORATORY GROUP - EDMONTON, ALBERTA, CANADA

**Chain of Custody Numbers:**

08-012366

**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 ww - 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.*

