ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **OSISKO MINING LTD.**
P.O. BOX 996
KIRKLAND LAKE ON P2N 3L1

Finalized Date: 24-FEB-2014
Account: OSIKLI

CERTIFICATE VO14023942

Project: MU

P.O. No.: KL 000348

This report is for 2 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 18-FEB-2014.

The following have access to data associated with this certificate:

MIKE FELL FRANK PLOEGER	CHRISTAL HANUSZCZAK ANDREW STOKES	DAN MCCORMACK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
S-IR08	Total Sulphur (Leco)	LECO
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	ICP-AES
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
C-IR07	Total Carbon (Leco)	LECO

To: **OSISKO MINING LTD.**
ATTN: CHRISTAL HANUSZCZAK
P.O. BOX 996
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VO14023942

Sample Description	Method	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	ME-ICP06	C-IR07	S-IR08
	Analyte	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	C	S
	Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
	LOR	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
H406766		56.5	14.15	4.26	3.82	1.73	0.41	12.05	0.01	0.42	0.15	0.43	0.24	0.76	1.52	2.40
H406798		48.5	13.90	6.74	5.71	2.80	0.45	11.30	0.01	0.68	0.19	0.50	0.28	1.09	2.21	3.47

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Sample Description	Method / Analyte / Units / LOR	ME-MS81 Ba ppm 0.5	ME-MS81 Ce ppm 0.5	ME-MS81 Cr ppm 10	ME-MS81 Cs ppm 0.01	ME-MS81 Dy ppm 0.05	ME-MS81 Er ppm 0.03	ME-MS81 Eu ppm 0.03	ME-MS81 Ga ppm 0.1	ME-MS81 Gd ppm 0.05	ME-MS81 Hf ppm 0.2	ME-MS81 Ho ppm 0.01	ME-MS81 La ppm 0.5	ME-MS81 Lu ppm 0.01	ME-MS81 Nb ppm 0.2	ME-MS81 Nd ppm 0.1
H406766		6530	212	70	3.72	8.09	2.64	5.49	30.1	16.10	12.3	1.27	106.0	0.29	22.1	92.7
H406798		9200	368	100	3.82	9.06	3.13	6.36	27.9	17.75	11.0	1.41	185.5	0.31	20.9	153.0

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Sample Description	Method / Analyte / Units / LOR	ME-MS81 Pr ppm 0.03	ME-MS81 Rb ppm 0.2	ME-MS81 Sm ppm 0.03	ME-MS81 Sn ppm 1	ME-MS81 Sr ppm 0.1	ME-MS81 Ta ppm 0.1	ME-MS81 Tb ppm 0.01	ME-MS81 Th ppm 0.05	ME-MS81 Tm ppm 0.01	ME-MS81 U ppm 0.05	ME-MS81 V ppm 5	ME-MS81 W ppm 1	ME-MS81 Y ppm 0.5	ME-MS81 Yb ppm 0.03	ME-MS81 Zr ppm 2
H406766		25.0	202	20.6	2	1990	0.4	1.81	35.3	0.35	8.91	103	57	36.2	2.07	747
H406798		43.5	227	27.4	2	2350	0.6	2.04	36.9	0.41	9.68	312	78	43.0	2.50	483

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Sample Description	Method	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	ME-MS42	OA-GRA05	TOT-ICP06	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81	ME-4ACD81
	Analyte	As	Bi	Hg	Sb	Se	Te	Tl	LOI	Total	Ag	Cd	Co	Cu	Li	Mo
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	0.01	0.005	0.05	0.2	0.01	0.02	0.01	0.01	0.5	0.5	1	1	10	1
H406766		17.2	0.80	0.052	1.08	2.2	0.97	0.06	4.55	99.48	0.6	<0.5	10	200	<10	16
H406798		28.0	0.67	0.040	1.29	2.7	1.04	0.13	6.06	98.21	0.7	<0.5	15	176	20	21

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Sample Description	Method Analyte Units LOR	ME-4ACD81 Ni ppm 1	ME-4ACD81 Pb ppm 2	ME-4ACD81 Sc ppm 1	ME-4ACD81 Zn ppm 2
H406766		19	136	5	165
H406798		28	66	8	60

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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

C-IR07	ME-4ACD81	ME-ICP06	ME-MS42
ME-MS81	OA-GRA05	S-IR08	TOT-ICP06