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: 11-APR-2014
Account: OSIKLI

CERTIFICATE SD14052605

Project: MU

P.O. No.: KL 000348

This report is for 18 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 2-APR-2014.

The following have access to data associated with this certificate:

MIKE FELL	ANDREW STOKES	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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

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 SD14052605

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10
N459795		<0.5	7.84	7	3540	4.8	<2	4.15	<0.5	21	51	154	5.74	20	5.90	80
N459796		<0.5	7.13	6	3680	3.0	<2	4.66	<0.5	15	45	88	4.71	20	5.16	70
N459797		<0.5	8.04	<5	1690	4.3	<2	3.63	<0.5	20	46	117	5.37	20	4.02	60
N459798		<0.5	8.06	10	2180	4.6	<2	3.46	<0.5	19	43	112	5.16	20	4.62	60
N459799		<0.5	8.09	6	2650	3.1	<2	5.43	<0.5	17	36	105	5.04	20	4.03	100
N459800		<0.5	0.39	<5	20	<0.5	<2	35.0	<0.5	<1	5	3	0.40	<10	0.21	<10
N459801		<0.5	8.34	<5	150	3.9	<2	2.62	<0.5	21	79	42	3.46	20	4.24	10
N459802		<0.5	7.92	10	2640	3.0	<2	5.72	<0.5	23	38	105	5.52	20	4.06	80
N459803		<0.5	7.98	5	2630	3.1	<2	4.85	<0.5	19	41	104	5.36	20	4.21	80
N459804		<0.5	8.03	5	2260	3.6	<2	4.91	<0.5	21	41	112	5.50	20	3.99	80
N459805		<0.5	7.97	11	2090	4.2	<2	4.31	<0.5	23	45	110	5.51	20	4.62	70
N459806		<0.5	7.62	9	1840	4.1	<2	4.34	<0.5	23	42	111	5.39	20	4.46	60
N459807		<0.5	7.73	6	1620	3.5	<2	5.82	0.6	19	43	105	5.22	20	4.01	70
N459808		<0.5	7.66	15	1950	4.0	<2	5.35	<0.5	21	44	109	5.60	20	4.70	60
N459809		<0.5	7.43	9	2650	3.7	<2	4.32	<0.5	18	40	101	4.86	20	4.97	70
N459810		<0.5	7.24	6	2250	3.9	<2	4.44	<0.5	13	23	74	3.88	20	5.09	50
N459811		<0.5	7.93	13	2660	3.9	<2	3.26	<0.5	12	20	78	3.83	20	5.62	50
N459812		<0.5	8.28	10	2930	3.9	<2	2.98	<0.5	13	21	82	3.92	20	5.55	50

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CERTIFICATE OF ANALYSIS SD14052605

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U
	Units	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOR	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01	10	10
N459795		1.43	1040	1	0.51	19	2860	58	0.09	<5	13	2050	30	0.41	<10	10
N459796		1.36	1295	1	0.78	15	2400	25	0.03	<5	11	2500	30	0.34	<10	<10
N459797		1.81	973	1	1.98	18	2840	20	0.02	<5	12	1665	20	0.36	<10	10
N459798		1.50	868	<1	1.76	16	2750	22	0.02	<5	12	1675	20	0.35	10	<10
N459799		1.48	1330	1	2.14	16	2550	41	0.09	<5	13	2670	30	0.36	<10	<10
N459800		0.54	336	1	0.03	2	180	<2	0.15	<5	1	433	<20	0.02	10	<10
N459801		2.01	505	1	3.30	85	1140	34	0.01	<5	6	361	<20	0.61	<10	<10
N459802		1.48	1290	1	2.06	19	2550	36	0.01	<5	14	3000	30	0.37	<10	<10
N459803		1.38	1080	<1	2.25	17	2560	24	0.01	<5	14	2480	30	0.38	<10	<10
N459804		1.63	1115	1	2.09	18	2620	33	0.01	5	14	2440	30	0.37	<10	<10
N459805		1.57	1025	<1	1.34	24	2780	36	0.05	<5	13	2050	20	0.36	<10	<10
N459806		1.67	1125	2	1.18	19	2700	48	0.07	<5	12	1915	20	0.36	<10	10
N459807		1.40	1505	1	1.43	18	2550	50	0.11	5	13	2560	20	0.37	<10	<10
N459808		1.37	1400	1	1.46	20	2740	42	0.02	<5	13	2670	30	0.38	<10	<10
N459809		1.56	1020	1	0.14	16	2420	41	0.03	<5	11	2420	20	0.32	10	<10
N459810		1.17	1135	1	0.78	8	2050	44	0.06	<5	6	1815	20	0.27	<10	<10
N459811		0.94	868	<1	1.38	9	2030	31	0.03	<5	5	1455	20	0.29	<10	<10
N459812		0.93	865	<1	1.65	10	2110	33	0.01	<5	6	1415	20	0.31	<10	<10

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Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
N459795		219	<10	117
N459796		139	<10	104
N459797		179	<10	134
N459798		173	<10	105
N459799		180	<10	118
N459800		7	<10	11
N459801		78	<10	46
N459802		163	<10	118
N459803		166	<10	106
N459804		176	<10	119
N459805		182	<10	118
N459806		173	<10	134
N459807		167	<10	109
N459808		185	<10	107
N459809		147	<10	136
N459810		111	<10	108
N459811		111	<10	93
N459812		115	<10	90

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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

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

Applies to Method: FND-02 ME-ICP61