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: 3-MAY-2014
Account: OSIKLI

CERTIFICATE SD14061674

Project: Munro

P.O. No.: KL 000348

This report is for 11 Rock samples submitted to our lab in Sudbury, ON, Canada on 24-APR-2014.

The following have access to data associated with this certificate:

MIKE FELL	ANDREW STOKES	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
TOT-ICP06	Total Calculation for ICP06	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 SD14061674

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	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
Q207690		0.78	2350	154.5	270	6.74	5.21	2.26	3.23	16.2	9.30	4.1	0.87	70.8	0.27	6.3
Q207691		0.74	18.6	4.7	1010	5.81	2.28	1.49	0.88	11.6	1.93	0.9	0.52	1.9	0.19	0.9
Q207692		1.04	1060	79.7	190	9.96	4.38	2.19	2.24	18.0	6.37	4.0	0.82	32.2	0.27	5.9
Q207693		1.36	54.7	3.3	2790	2.11	1.29	0.81	0.17	7.0	1.31	0.6	0.28	1.5	0.12	0.8
Q207694		0.80	1935	91.5	110	7.29	3.75	1.92	1.76	16.7	5.33	3.6	0.70	46.4	0.28	5.8
Q207695		0.66	1180	83.0	100	9.61	4.16	2.39	1.87	15.0	5.55	2.6	0.78	40.2	0.29	3.0
Q207696		0.73	3120	156.0	30	13.00	4.04	1.70	2.61	34.1	6.66	6.6	0.71	86.8	0.21	9.8
Q207697		1.15	180.0	1.7	2440	7.27	1.32	0.86	0.29	7.2	1.06	0.5	0.26	0.6	0.13	0.3
Q207698		0.62	1665	79.4	60	12.50	2.50	1.14	1.38	20.5	3.81	4.2	0.44	41.4	0.19	5.3
Q207699		0.73	2200	123.0	70	8.97	3.81	1.96	2.04	17.9	6.20	3.9	0.72	63.0	0.26	5.6
Q207700		0.81	1405	103.0	160	9.35	4.36	2.18	2.08	18.0	6.23	3.9	0.83	51.3	0.30	5.6

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Finalized Date: 3-MAY-2014
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Project: Munro

CERTIFICATE OF ANALYSIS SD14061674

Sample Description	Method	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81	ME-MS81
	Analyte	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V	W	Y	Yb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.1	0.03	0.2	0.03	1	0.1	0.1	0.01	0.05	0.01	0.05	5	1	0.5	0.03
Q207690		73.8	19.45	116.0	13.35	1	994	0.2	1.05	9.88	0.25	2.51	199	<1	23.2	1.79
Q207691		3.5	0.71	45.5	1.25	<1	134.5	<0.1	0.38	0.16	0.20	<0.05	229	1	13.4	1.45
Q207692		44.8	10.70	124.0	8.52	1	810	0.3	0.78	6.22	0.28	1.70	192	1	20.6	1.73
Q207693		2.5	0.48	9.8	0.93	<1	110.5	<0.1	0.20	0.18	0.11	<0.05	84	4	7.1	0.77
Q207694		40.2	10.70	145.0	6.79	1	1365	0.3	0.72	8.97	0.25	2.70	167	2	19.0	1.63
Q207695		40.5	10.20	156.5	7.37	1	776	0.1	0.77	5.99	0.28	1.51	266	3	20.5	1.83
Q207696		57.6	16.50	436	9.17	1	590	0.4	0.83	19.50	0.22	3.17	188	6	19.4	1.36
Q207697		1.4	0.25	21.9	0.64	<1	486	<0.1	0.20	0.14	0.11	<0.05	116	<1	7.3	0.81
Q207698		32.3	8.94	169.0	5.64	1	426	0.2	0.46	9.12	0.18	3.21	81	6	12.7	1.20
Q207699		51.9	14.25	113.0	8.38	1	2150	0.2	0.73	11.70	0.25	3.22	182	3	19.3	1.66
Q207700		45.2	12.25	123.5	7.96	1	711	0.2	0.84	9.01	0.32	2.54	195	2	22.0	1.92

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Finalized Date: 3-MAY-2014
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Project: Munro

CERTIFICATE OF ANALYSIS SD14061674

Sample Description	Method / Analyte / Units / LOR	ME-MS81 Zr ppm 2	ME-ICP06 SiO2 % 0.01	ME-ICP06 Al2O3 % 0.01	ME-ICP06 Fe2O3 % 0.01	ME-ICP06 CaO % 0.01	ME-ICP06 MgO % 0.01	ME-ICP06 Na2O % 0.01	ME-ICP06 K2O % 0.01	ME-ICP06 Cr2O3 % 0.01	ME-ICP06 TiO2 % 0.01	ME-ICP06 MnO % 0.01	ME-ICP06 P2O5 % 0.01	ME-ICP06 SrO % 0.01	ME-ICP06 BaO % 0.01	OA-GRA05 LOI % 0.01
Q207690		171	48.4	11.10	9.23	8.23	8.25	4.81	2.58	0.04	0.72	0.17	0.68	0.12	0.27	4.82
Q207691		34	45.3	10.45	11.85	5.91	11.65	4.15	1.18	0.14	0.58	0.15	0.04	0.01	<0.01	6.82
Q207692		154	51.3	13.00	8.94	6.29	6.15	6.14	2.62	0.03	0.79	0.15	0.51	0.10	0.13	3.49
Q207693		22	40.8	5.94	12.70	3.42	25.2	0.03	0.24	0.38	0.28	0.13	0.04	0.01	0.01	9.07
Q207694		152	51.0	13.75	6.82	6.74	3.61	2.72	3.48	0.02	0.57	0.15	0.32	0.16	0.22	10.50
Q207695		97	41.8	11.50	9.86	9.48	5.56	0.73	4.00	0.01	0.83	0.21	0.34	0.10	0.14	15.40
Q207696		229	52.5	22.3	6.03	0.82	2.37	1.48	9.58	<0.01	0.54	0.03	0.39	0.07	0.36	3.58
Q207697		19	36.9	6.87	10.65	7.07	23.2	0.06	0.33	0.35	0.32	0.16	0.03	0.06	0.02	12.10
Q207698		156	60.6	15.05	4.06	3.20	2.63	0.66	4.63	0.01	0.34	0.07	0.16	0.05	0.18	7.34
Q207699		166	49.6	15.20	7.86	5.38	4.46	1.98	3.10	0.01	0.59	0.14	0.37	0.26	0.25	9.24
Q207700		154	49.8	13.85	8.04	6.18	3.87	2.76	2.99	0.02	0.64	0.16	0.33	0.08	0.16	10.20

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CERTIFICATE OF ANALYSIS SD14061674

Sample Description	Method Analyte Units LOR	TOT-ICP06 Total % 0.01
Q207690		99.42
Q207691		98.23
Q207692		99.64
Q207693		98.25
Q207694		100.06
Q207695		99.96
Q207696		100.05
Q207697		98.12
Q207698		98.98
Q207699		98.44
Q207700		99.08

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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applies to Method:	CRU-31	LOG-22	PUL-31	PUL-QC
	SPL-21	WEI-21		

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

Applies to Method:	ME-ICP06	ME-MS81	OA-GRA05	TOT-ICP06