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: 7-JUN-2014
Account: OSIKLI

CERTIFICATE SD14080726

Project: MUNRO

P.O. No.: KL 000348

This report is for 9 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 27-MAY-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
CRU-QC	Crushing QC Test
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 SD14080726

Sample Description	Method	WEI-21	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	Recvd Wt.	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu	Nb
	Units	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOR	0.02	0.5	0.5	10	0.01	0.05	0.03	0.03	0.1	0.05	0.2	0.01	0.5	0.01	0.2
Q207701		0.54	1170	91.2	160	1.56	3.19	1.43	1.71	17.5	5.20	4.0	0.56	46.7	0.24	5.4
Q207702		1.11	2040	76.2	80	3.28	1.91	0.93	1.26	20.8	3.32	3.9	0.35	40.0	0.16	4.7
Q207703		0.73	1290	97.3	110	3.74	3.90	2.03	1.97	21.7	5.70	3.6	0.75	48.6	0.31	5.7
Q207704		0.53	602	24.8	30	2.70	1.10	0.51	0.68	19.1	1.67	1.7	0.20	12.1	0.07	2.7
Q207705		0.58	771	20.5	30	4.25	0.68	0.31	0.47	23.3	0.99	2.0	0.12	9.8	0.05	1.7
Q207706		0.62	1530	93.1	290	16.50	4.44	2.32	2.28	17.6	7.00	4.2	0.89	44.3	0.33	6.1
Q207707		0.48	1895	61.2	340	1.95	2.18	0.94	1.26	18.6	3.34	2.8	0.37	29.1	0.13	4.4
Q207708		0.53	91.0	23.4	120	3.37	3.06	1.81	1.19	16.6	3.16	3.2	0.66	9.9	0.30	6.0
Q207709		0.85	96.2	25.4	510	1.59	2.53	1.54	0.83	16.8	2.75	2.6	0.56	11.5	0.25	5.0

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Sample Description	Method / Analyte / Units / LOR	ME-MS81 Nd ppm 0.1	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
Q207701		38.8	10.60	79.8	7.50	1	658	0.3	0.63	8.30	0.23	2.85	94	10	16.5	1.44
Q207702		30.3	8.58	119.5	5.47	1	980	0.3	0.41	8.32	0.15	3.07	72	11	10.5	1.00
Q207703		43.7	11.50	106.0	8.20	1	836	0.3	0.68	8.22	0.32	2.24	227	12	20.7	1.87
Q207704		12.2	3.00	36.4	2.46	1	313	0.1	0.23	3.10	0.06	0.45	37	9	5.5	0.46
Q207705		9.3	2.48	90.0	1.65	<1	262	0.1	0.13	1.15	0.06	0.48	43	3	3.6	0.28
Q207706		45.0	11.40	136.0	8.93	1	947	0.3	0.89	7.88	0.33	2.22	180	1	23.7	2.11
Q207707		28.8	7.44	30.4	5.28	1	746	0.2	0.42	4.80	0.14	1.94	78	1	10.5	0.92
Q207708		13.0	3.09	54.7	3.00	1	155.0	0.4	0.53	1.42	0.29	0.39	143	5	18.3	1.77
Q207709		12.2	3.10	27.0	2.58	1	326	0.3	0.42	1.00	0.26	0.26	177	5	15.4	1.56

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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
Q207701		145	58.8	13.35	5.53	3.41	3.72	4.09	3.03	0.02	0.44	0.20	0.27	0.07	0.12	5.26
Q207702		146	62.0	14.05	3.43	2.98	2.02	4.24	3.86	0.01	0.32	0.10	0.15	0.11	0.21	6.29
Q207703		130	52.4	14.40	7.69	4.20	3.80	2.52	2.91	0.02	0.70	0.15	0.39	0.09	0.14	7.49
Q207704		60	65.1	14.85	4.38	2.08	1.19	6.98	1.12	<0.01	0.28	0.02	0.10	0.04	0.07	5.40
Q207705		69	66.9	16.50	2.42	2.02	1.16	3.31	3.33	<0.01	0.30	0.02	0.11	0.03	0.08	4.71
Q207706		164	49.1	12.75	8.53	7.15	6.24	2.85	4.31	0.04	0.83	0.13	0.55	0.11	0.17	7.40
Q207707		101	62.6	13.55	4.43	3.86	4.52	4.60	1.75	0.05	0.37	0.06	0.25	0.08	0.20	5.35
Q207708		126	54.3	15.20	7.73	5.37	5.68	4.62	1.11	0.02	0.68	0.10	0.18	0.02	0.01	6.71
Q207709		100	56.1	16.10	5.96	5.48	7.02	6.38	0.65	0.07	0.95	0.12	0.17	0.04	0.01	2.89

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Sample Description	Method Analyte Units LOR	TOT-ICP06 Total % 0.01
Q207701		98.31
Q207702		99.77
Q207703		96.90
Q207704		101.61
Q207705		100.89
Q207706		100.16
Q207707		101.67
Q207708		101.73
Q207709		101.94

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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	CRU-QC	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