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: 29-MAR-2014
Account: OSIKLI

CERTIFICATE VO14042597

Project: MU

P.O. No.: KL 000347

This report is for 37 Drill Core samples submitted to our lab in Val d'Or, QC, Canada on 12-MAR-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 VO14042597

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
H406918		<0.5	6.87	16	1870	4.1	<2	4.28	<0.5	20	55	99	5.28	20	4.26	50
H406919		<0.5	7.79	30	2230	4.4	<2	4.23	<0.5	20	50	111	5.72	20	4.68	60
H406920		<0.5	7.07	27	2020	3.5	5	4.05	<0.5	21	47	114	5.48	20	4.32	50
H406921		<0.5	6.82	27	1950	3.7	2	4.11	<0.5	20	43	109	5.22	20	4.43	40
H406922		<0.5	6.88	30	1860	3.5	<2	3.89	<0.5	21	80	97	5.39	20	4.51	40
H406923		<0.5	6.82	29	1830	3.2	<2	4.27	<0.5	19	43	112	5.42	20	4.36	50
H406924		<0.5	6.51	22	1810	3.3	4	4.08	<0.5	22	46	103	5.26	20	4.36	40
H406925		<0.5	0.45	<5	20	<0.5	5	34.1	<0.5	<1	6	3	0.42	<10	0.26	<10
H406926		0.9	8.50	98	150	4.6	5	2.53	<0.5	19	75	94	5.97	30	3.97	10
H406927		<0.5	7.15	24	1900	3.5	<2	4.62	<0.5	21	44	108	5.41	20	4.52	50
H406928		<0.5	6.75	21	1750	3.7	<2	4.41	<0.5	20	44	98	5.15	20	4.24	50
H406929		<0.5	7.64	23	1800	4.1	<2	4.85	<0.5	21	46	104	5.42	20	4.48	70
H406930		<0.5	6.85	23	1750	3.8	<2	4.49	<0.5	19	41	106	5.23	20	4.52	50
H406931		<0.5	8.03	18	1800	4.2	<2	4.18	<0.5	21	43	113	5.55	20	5.08	70
H406932		<0.5	7.30	18	1810	4.0	3	4.05	<0.5	20	43	107	5.58	20	4.71	60
H406933		<0.5	6.63	22	1960	3.3	<2	4.68	<0.5	19	42	109	5.36	20	4.02	50
H406934		<0.5	7.13	14	1860	3.5	<2	4.89	<0.5	21	46	104	5.50	20	3.91	60
H406935		<0.5	7.23	23	1860	3.6	<2	3.65	<0.5	27	58	111	5.81	20	4.25	60
H406936		<0.5	7.42	12	1760	3.6	<2	5.11	<0.5	23	46	109	5.72	20	4.08	60
H406937		<0.5	7.12	9	1790	3.3	2	5.29	<0.5	21	41	104	5.49	20	4.09	50
H406938		<0.5	7.53	18	1990	4.0	3	4.61	<0.5	24	53	114	5.84	20	4.65	60
H406939		<0.5	7.51	20	2100	3.3	<2	5.22	<0.5	18	43	107	5.50	20	4.45	60
H406940		<0.5	7.32	18	2330	3.2	<2	4.77	<0.5	21	45	108	5.57	20	4.69	60
H406941		<0.5	6.96	19	2160	3.3	<2	4.27	<0.5	22	43	104	5.47	20	4.86	50
H406942		<0.5	7.48	18	3330	4.0	<2	4.83	<0.5	22	52	92	6.00	20	5.30	70
H406943		<0.5	7.38	15	2000	3.0	6	3.76	<0.5	18	44	103	5.50	20	4.11	60
H406944		<0.5	7.75	12	2340	3.0	5	4.34	<0.5	20	43	107	5.63	20	4.29	60
H406945		<0.5	7.05	15	1920	3.4	<2	4.36	<0.5	18	44	106	5.36	20	4.45	50
H406946		<0.5	7.78	12	1920	3.0	<2	5.00	<0.5	19	40	100	5.56	20	4.26	70
H406947		<0.5	7.63	40	2380	3.1	3	4.45	<0.5	19	42	100	5.58	20	5.02	60
H406948		<0.5	7.51	20	2370	3.2	4	4.69	<0.5	19	42	102	5.69	20	5.15	60
H406949		<0.5	7.24	23	2550	3.3	<2	4.47	<0.5	20	43	108	5.51	20	5.20	50
H406950		<0.5	0.42	7	30	<0.5	<2	35.7	<0.5	<1	4	4	0.42	<10	0.23	10
H406951		<0.5	8.21	6	150	3.9	2	2.70	<0.5	20	82	40	3.65	20	4.43	10
H406952		<0.5	7.65	22	2570	3.2	3	4.79	<0.5	22	41	104	5.59	20	4.87	60
H406953		<0.5	7.27	24	2470	3.6	<2	4.70	<0.5	19	41	100	5.60	20	5.27	60
H406954		<0.5	7.41	30	3630	2.6	3	4.97	<0.5	18	37	101	4.86	20	6.05	70

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CERTIFICATE OF ANALYSIS VO14042597

Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Th ppm 20	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10
H406918		1.43	1175	<1	1.59	21	2540	32	0.06	7	12	1420	20	0.39	10	<10
H406919		1.42	1230	<1	1.36	19	2690	37	0.04	8	13	1360	20	0.44	<10	<10
H406920		1.40	1130	<1	1.62	21	2680	41	0.03	<5	11	1450	20	0.42	<10	<10
H406921		1.37	1155	<1	1.34	17	2500	40	0.03	8	11	1450	20	0.39	<10	<10
H406922		1.56	1205	<1	1.23	24	2460	35	0.04	6	12	1425	20	0.39	<10	<10
H406923		1.39	1195	<1	1.49	18	2410	32	0.02	<5	11	1425	20	0.39	<10	<10
H406924		1.37	1120	<1	1.47	20	2420	35	0.03	<5	11	1430	20	0.38	<10	<10
H406925		0.49	322	<1	0.03	5	180	3	0.19	<5	1	427	<20	0.02	10	<10
H406926		1.89	497	1	3.76	80	1050	61	3.20	<5	6	346	<20	0.57	<10	<10
H406927		1.55	1185	<1	1.37	18	2470	39	0.04	8	12	1455	20	0.41	10	<10
H406928		1.62	1195	<1	1.28	20	2470	32	0.12	<5	11	1755	20	0.38	<10	<10
H406929		1.82	1215	<1	1.02	21	2670	39	0.05	5	12	2040	20	0.41	<10	<10
H406930		1.63	1235	<1	0.84	15	2490	35	0.03	8	11	1725	20	0.39	<10	<10
H406931		1.82	1205	<1	0.71	18	2740	41	0.02	6	13	1605	20	0.42	10	10
H406932		1.80	1270	<1	0.92	18	2680	47	0.04	7	11	1565	20	0.39	<10	<10
H406933		1.49	1355	<1	1.80	17	2470	35	0.02	5	11	1995	20	0.37	<10	<10
H406934		1.54	1295	<1	1.75	17	2800	37	0.05	<5	12	2060	20	0.39	<10	<10
H406935		1.39	1100	<1	1.65	21	2810	39	0.06	6	13	1595	20	0.42	<10	<10
H406936		1.71	1450	<1	1.67	20	2710	43	0.07	5	14	2030	20	0.40	<10	<10
H406937		1.67	1425	<1	1.64	19	2680	47	0.05	5	12	2210	20	0.38	10	<10
H406938		1.45	1335	<1	1.27	21	2740	39	0.07	6	13	1950	20	0.41	<10	<10
H406939		1.24	1720	<1	1.63	17	2490	33	0.03	8	13	2130	20	0.39	<10	<10
H406940		1.31	1365	<1	1.78	18	2590	32	0.03	<5	12	1990	20	0.39	<10	<10
H406941		1.79	1260	<1	1.48	17	2470	22	0.04	6	11	1785	20	0.37	<10	<10
H406942		1.89	1090	1	0.24	20	2780	48	0.04	12	14	3020	30	0.41	<10	<10
H406943		1.62	960	2	2.19	22	2410	20	0.01	<5	12	1950	20	0.36	<10	<10
H406944		1.89	1090	<1	2.10	19	2480	22	0.01	<5	12	2220	20	0.36	<10	<10
H406945		1.55	1105	<1	1.51	19	2460	32	0.02	<5	11	2020	20	0.35	<10	<10
H406946		1.81	1300	<1	1.73	17	2420	26	0.01	<5	13	2180	20	0.36	10	<10
H406947		1.59	1190	<1	1.66	17	2410	29	0.48	7	12	1920	20	0.37	<10	<10
H406948		1.49	1245	<1	1.71	18	2510	25	0.06	7	12	2000	20	0.37	10	<10
H406949		1.53	1225	<1	1.60	18	2470	24	0.13	6	12	2040	20	0.39	<10	<10
H406950		0.46	326	<1	0.03	6	200	<2	0.18	7	1	441	<20	0.02	<10	<10
H406951		2.07	516	1	3.38	87	1140	35	0.02	5	6	363	<20	0.62	<10	<10
H406952		1.55	1175	<1	1.69	18	2450	22	0.01	7	13	2370	20	0.38	<10	<10
H406953		1.38	1140	1	1.24	16	2470	33	0.04	<5	12	2640	20	0.38	<10	<10
H406954		1.37	1175	<1	0.46	13	2190	48	0.22	<5	12	2720	20	0.32	<10	<10

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CERTIFICATE OF ANALYSIS VO14042597

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H406918		180	<10	126
H406919		184	<10	123
H406920		174	<10	123
H406921		165	<10	111
H406922		168	<10	103
H406923		169	<10	116
H406924		167	<10	116
H406925		7	<10	14
H406926		74	<10	98
H406927		170	<10	102
H406928		161	10	106
H406929		170	<10	134
H406930		166	<10	110
H406931		171	<10	126
H406932		171	10	124
H406933		168	<10	105
H406934		171	<10	120
H406935		193	<10	112
H406936		180	<10	123
H406937		168	<10	113
H406938		193	<10	121
H406939		169	<10	104
H406940		177	<10	112
H406941		169	<10	102
H406942		226	<10	132
H406943		166	<10	123
H406944		165	<10	125
H406945		165	<10	119
H406946		163	<10	131
H406947		163	10	105
H406948		169	<10	106
H406949		168	10	101
H406950		7	<10	27
H406951		83	<10	49
H406952		164	<10	119
H406953		165	<10	98
H406954		135	<10	111

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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Val d'Or located at 1324 Rue Turcotte, Val d'Or, QC, Canada.
FND-02

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
ME-ICP61