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 VO14052623

Project: MU

P.O. No.: KL 000348

This report is for 59 Drill Core samples submitted to our lab in Val d'Or, QC, 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 VO14052623

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
H750557		0.7	6.38	86	400	1.1	<2	3.79	<0.5	4	7	73	3.07	30	4.99	230
H750558		0.5	6.25	63	760	1.3	4	6.55	<0.5	4	5	127	4.06	20	5.23	430
H750559		<0.5	6.81	45	490	1.9	2	3.20	<0.5	6	6	177	4.11	30	5.38	130
H750560		0.6	6.42	52	370	1.8	4	4.46	<0.5	5	4	57	3.79	20	5.08	300
H750561		0.6	6.83	77	390	1.2	4	4.16	<0.5	5	5	104	4.01	30	5.57	260
H750562		0.7	7.09	61	630	1.0	5	3.26	<0.5	4	8	89	2.99	40	5.34	170
H750563		0.8	7.04	68	890	0.9	5	2.14	<0.5	4	8	113	2.58	40	5.39	90
H750564		0.6	6.99	48	630	1.0	5	2.66	<0.5	4	7	161	2.70	40	5.18	190
H750565		0.6	7.05	67	340	1.0	4	3.19	<0.5	6	7	131	3.72	30	5.22	120
H750566		<0.5	7.01	98	380	1.3	4	3.17	<0.5	7	5	110	4.14	30	5.14	150
H750567		<0.5	7.17	53	720	1.9	2	3.75	<0.5	8	18	133	4.34	40	5.48	160
H750568		0.5	6.85	46	690	2.0	3	4.25	<0.5	11	37	174	4.79	40	5.29	110
H750569		<0.5	7.21	65	560	2.7	4	3.35	<0.5	10	23	120	4.83	40	5.36	100
H750570		<0.5	7.02	62	750	1.9	3	3.88	<0.5	10	18	95	4.53	30	5.51	130
H750571		0.6	6.90	77	610	1.1	2	4.61	<0.5	8	17	98	4.51	30	5.64	290
H750572		<0.5	6.62	90	380	1.2	<2	4.96	<0.5	11	15	90	4.50	30	5.37	260
H750573		<0.5	6.80	49	640	1.5	5	3.27	<0.5	8	7	194	3.99	30	5.15	160
H750574		1.2	6.56	66	470	1.3	<2	4.60	<0.5	8	5	175	4.06	30	5.56	460
H750575		<0.5	0.37	6	60	<0.5	3	36.3	<0.5	<1	4	4	0.42	<10	0.22	10
H750576		<0.5	8.13	<5	150	3.9	4	2.66	<0.5	22	75	43	3.57	30	4.45	10
H750577		0.6	6.77	105	290	1.4	<2	4.02	<0.5	7	9	72	4.31	30	5.55	220
H750578		0.7	6.92	51	1320	3.0	<2	3.64	<0.5	6	4	144	3.94	30	5.19	350
H750579		<0.5	6.63	108	220	2.0	<2	2.71	<0.5	8	7	79	4.11	30	4.88	80
H750580		0.7	6.93	78	570	3.6	4	3.72	<0.5	6	7	101	4.44	30	5.56	330
H750581		0.5	6.76	56	430	1.5	4	3.28	<0.5	8	8	209	4.35	30	5.25	170
H750582		0.8	6.32	49	550	1.8	<2	5.33	<0.5	7	19	176	4.09	30	5.10	620
H750583		2.9	5.65	93	2160	1.5	8	7.74	<0.5	4	11	154	3.69	20	5.37	1950
H750584		1.9	4.68	116	380	1.8	4	10.65	<0.5	4	10	350	3.60	20	5.48	1910
H750585		1.1	6.31	86	440	2.0	4	5.43	<0.5	10	26	175	4.45	30	5.22	570
H750586		1.4	6.50	76	530	2.1	9	4.95	<0.5	7	14	145	4.20	20	5.20	420
H750587		0.9	6.99	67	760	2.0	2	4.23	<0.5	9	17	197	4.54	30	5.33	330
H750588		0.6	7.11	63	1330	3.0	<2	3.15	<0.5	12	18	106	5.01	40	5.03	350
H750589		0.8	6.64	98	290	1.9	2	3.66	<0.5	11	13	227	4.87	40	5.14	360
H750590		<0.5	6.61	46	740	1.1	3	4.00	0.7	11	28	147	4.01	30	4.76	240
H750591		<0.5	6.67	43	560	1.3	<2	4.18	<0.5	14	46	125	4.83	30	4.80	180
H750592		<0.5	6.66	65	820	1.4	2	4.30	<0.5	12	43	155	4.46	30	5.54	180
H750593		<0.5	6.57	44	1720	1.6	<2	4.88	<0.5	13	47	192	4.71	30	5.13	180
H750594		<0.5	6.65	49	870	2.0	3	4.05	<0.5	14	48	136	4.71	30	5.08	150
H750595		<0.5	6.84	42	1700	2.5	2	4.37	<0.5	14	39	257	4.99	30	5.26	240
H750596		<0.5	6.69	31	630	2.0	<2	4.50	<0.5	11	31	153	4.74	30	4.86	170

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Finalized Date: 11-APR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14052623

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
H750557		0.53	1250	136	0.33	7	1190	309	2.32	12	3	>10000	90	0.23	<10	<10
H750558		0.61	1385	72	0.18	10	1630	149	3.15	10	3	>10000	90	0.27	10	<10
H750559		0.58	1035	27	0.26	7	1360	59	2.50	9	2	4480	40	0.32	<10	<10
H750560		0.60	1220	23	0.29	10	1920	307	2.63	13	3	>10000	120	0.31	<10	<10
H750561		0.56	1325	14	0.21	10	1900	230	2.96	13	3	7070	90	0.33	<10	<10
H750562		0.42	1190	257	0.24	8	2840	345	2.27	15	2	1360	40	0.34	<10	10
H750563		0.37	1095	109	0.21	6	490	392	1.90	11	2	1925	30	0.27	<10	10
H750564		0.36	1260	39	0.26	6	920	322	2.06	12	2	5660	60	0.36	<10	10
H750565		0.51	1370	25	0.25	9	2680	158	2.82	15	3	7500	60	0.37	<10	<10
H750566		0.52	1185	16	0.19	7	1960	93	2.85	8	3	5230	50	0.32	<10	<10
H750567		0.76	1420	60	0.23	12	1470	85	2.32	8	3	2780	30	0.35	<10	<10
H750568		1.03	1995	55	0.17	19	1630	87	2.34	11	2	2700	30	0.38	<10	<10
H750569		0.82	1705	70	0.18	12	1410	50	2.62	6	2	2050	30	0.36	<10	10
H750570		0.97	1945	55	0.16	13	1330	94	2.27	6	2	2920	30	0.35	<10	<10
H750571		0.86	1775	214	0.15	14	1290	238	2.73	5	3	2090	50	0.35	<10	<10
H750572		0.76	1630	51	0.19	15	1250	191	2.98	12	3	2630	50	0.34	<10	<10
H750573		0.48	1330	3	0.19	8	840	119	2.33	7	2	5890	40	0.35	<10	<10
H750574		0.52	1550	5	0.18	10	690	440	2.34	7	3	>10000	90	0.35	<10	<10
H750575		0.48	328	<1	0.03	4	220	<2	0.20	<5	1	473	<20	0.02	10	<10
H750576		2.07	495	<1	3.45	87	1120	36	0.01	7	6	347	<20	0.61	<10	<10
H750577		0.48	1320	37	0.18	7	1500	215	3.57	<5	2	9030	60	0.29	<10	<10
H750578		0.50	1365	2	0.17	9	1190	235	1.52	8	2	7830	70	0.33	<10	<10
H750579		0.43	1105	9	0.21	4	1580	158	3.38	9	3	6370	40	0.31	<10	<10
H750580		0.43	1270	3	0.17	8	940	260	2.38	6	5	>10000	70	0.31	<10	<10
H750581		0.69	1430	18	0.20	8	1020	125	2.57	11	3	7220	50	0.32	<10	<10
H750582		0.75	1555	8	0.17	18	1140	196	2.23	9	4	>10000	120	0.31	10	<10
H750583		0.57	1845	8	0.13	31	1480	1230	2.29	10	8	>10000	280	0.35	<10	<10
H750584		0.50	1875	22	0.15	34	1440	647	2.43	36	8	>10000	310	0.28	<10	<10
H750585		0.91	1735	3	0.18	24	1810	477	2.50	7	5	>10000	110	0.37	<10	<10
H750586		0.71	1705	6	0.18	15	1450	708	2.20	6	4	>10000	90	0.36	<10	<10
H750587		0.74	1630	5	0.16	17	1720	344	2.08	6	7	7370	70	0.39	<10	<10
H750588		0.76	1930	8	0.14	13	1460	426	1.65	<5	6	1845	50	0.40	10	<10
H750589		1.08	1735	605	0.11	13	1790	544	2.89	<5	8	1895	80	0.38	<10	<10
H750590		1.08	1760	117	0.21	16	1750	276	1.73	<5	4	2980	50	0.38	<10	<10
H750591		1.12	1720	18	0.20	23	2040	100	2.50	6	3	3990	40	0.44	<10	<10
H750592		1.23	1875	12	0.22	19	2160	92	2.29	<5	6	5540	50	0.42	<10	<10
H750593		1.40	1925	19	0.16	23	1960	73	1.26	<5	4	5410	50	0.43	10	<10
H750594		1.14	1585	7	0.21	22	1880	78	1.98	5	4	3820	30	0.44	10	<10
H750595		1.30	1755	67	0.30	21	2090	211	2.39	7	4	3380	60	0.47	<10	<10
H750596		1.07	1660	21	0.24	15	1980	77	2.34	6	2	5560	50	0.42	<10	<10

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Finalized Date: 11-APR-2014
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Project: MU

CERTIFICATE OF ANALYSIS VO14052623

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H750557		170	10	360
H750558		262	20	250
H750559		424	10	160
H750560		273	20	361
H750561		273	20	303
H750562		243	20	396
H750563		189	20	241
H750564		298	20	305
H750565		281	20	310
H750566		392	10	258
H750567		484	10	159
H750568		381	10	166
H750569		437	10	129
H750570		329	10	233
H750571		233	10	426
H750572		234	20	360
H750573		304	10	202
H750574		251	10	335
H750575		7	<10	18
H750576		79	<10	45
H750577		191	10	297
H750578		400	10	184
H750579		195	20	287
H750580		383	10	212
H750581		280	20	208
H750582		297	20	194
H750583		357	20	184
H750584		322	120	638
H750585		351	30	191
H750586		297	30	112
H750587		317	20	191
H750588		328	10	174
H750589		228	10	377
H750590		251	10	676
H750591		335	20	179
H750592		371	20	305
H750593		396	10	200
H750594		358	10	178
H750595		358	10	542
H750596		316	10	180

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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	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	K	La
	Units	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	%	ppm
	LOR	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10	0.01	10
H750597		<0.5	6.91	40	580	1.8	<2	3.76	<0.5	14	30	203	4.84	30	5.14	140
H750598		<0.5	6.53	38	270	1.0	<2	4.22	<0.5	13	33	313	5.12	30	5.03	230
H750599		<0.5	7.09	46	680	1.2	<2	4.11	<0.5	13	31	145	5.41	30	7.53	220
H750600		<0.5	0.41	<5	100	<0.5	<2	34.8	<0.5	<1	5	4	0.41	<10	0.25	<10
H750601		1.1	8.17	97	140	4.6	3	2.40	<0.5	21	69	90	5.71	30	3.75	10
H750602		<0.5	6.90	54	590	1.6	<2	4.10	<0.5	13	44	190	4.90	30	5.17	150
H750603		<0.5	6.85	87	350	2.0	<2	3.33	<0.5	14	32	126	4.81	30	5.19	120
H750604		<0.5	7.28	26	1890	2.4	<2	3.74	<0.5	11	26	108	4.23	30	6.00	140
H750605		<0.5	7.53	25	2680	4.0	<2	2.31	<0.5	7	17	101	3.15	30	4.78	70
H750606		<0.5	7.09	38	880	1.7	<2	3.43	<0.5	11	21	129	4.69	30	5.51	120
H750607		<0.5	7.03	24	670	1.8	<2	3.68	<0.5	14	35	209	5.10	30	5.64	170
H750608		<0.5	6.75	21	850	1.6	<2	4.72	<0.5	16	36	134	5.23	30	5.73	160
H750609		<0.5	6.23	35	2730	4.6	3	5.62	<0.5	23	51	166	5.72	30	5.94	120
H750610		<0.5	6.72	28	740	1.1	<2	4.28	<0.5	17	35	50	4.46	30	5.39	520
H750611		<0.5	6.52	14	1240	1.1	<2	4.57	<0.5	12	55	105	4.25	30	5.11	350
H750612		<0.5	6.20	13	670	1.1	<2	4.44	<0.5	14	43	275	4.71	30	4.88	210
H750613		<0.5	6.23	16	670	1.0	<2	5.01	<0.5	14	40	217	4.94	30	4.84	330
H750614		<0.5	6.38	5	2870	1.8	<2	5.66	<0.5	16	66	70	5.14	20	5.48	60
H750615		<0.5	5.20	13	5730	4.2	<2	6.00	<0.5	20	86	113	4.87	30	4.26	140

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CERTIFICATE OF ANALYSIS VO14052623

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
H750597		0.93	1570	3	0.19	15	2000	72	2.59	<5	2	2420	30	0.45	<10	<10
H750598		1.19	1870	57	0.22	16	2370	248	3.27	6	3	1755	40	0.46	<10	<10
H750599		1.18	1775	5	0.21	17	2150	153	3.46	<5	3	1595	40	0.49	<10	<10
H750600		0.47	323	<1	0.02	3	200	<2	0.22	<5	1	455	<20	0.02	<10	<10
H750601		1.80	461	<1	3.53	75	1010	53	2.99	<5	6	337	<20	0.54	<10	<10
H750602		1.07	1760	3	0.15	19	1760	76	2.52	6	3	1560	30	0.43	<10	<10
H750603		0.87	1540	<1	0.15	16	1220	124	2.96	<5	2	1305	30	0.42	10	<10
H750604		0.80	1535	<1	0.18	12	1110	47	1.56	<5	2	1595	30	0.36	<10	<10
H750605		0.48	1020	14	0.12	8	870	101	1.42	<5	2	1525	30	0.28	<10	<10
H750606		0.73	1665	4	0.13	11	1360	96	2.32	<5	2	1590	30	0.39	<10	<10
H750607		1.02	1745	<1	0.18	19	1540	54	2.65	<5	3	1710	40	0.44	<10	<10
H750608		1.51	1745	11	0.18	17	3000	50	2.00	<5	8	2250	40	0.44	<10	<10
H750609		2.56	1535	30	0.20	22	4490	54	1.12	<5	16	2970	40	0.46	<10	<10
H750610		1.14	1550	22	0.70	25	2120	102	1.98	6	5	1645	60	0.41	<10	<10
H750611		1.24	1690	20	0.65	23	2420	78	1.25	8	5	2030	50	0.43	<10	<10
H750612		1.05	1645	16	0.12	23	4270	73	1.75	5	3	3090	50	0.51	<10	<10
H750613		1.08	1605	14	0.20	28	7030	199	1.76	5	4	3020	70	0.48	10	<10
H750614		2.38	1400	1	1.62	23	1820	36	0.37	<5	19	2670	20	0.31	<10	<10
H750615		2.58	1450	4	0.23	43	2920	83	0.58	8	12	3820	40	0.33	<10	<10

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

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

Project: MU

CERTIFICATE OF ANALYSIS VO14052623

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H750597		350	20	190
H750598		215	20	386
H750599		250	30	240
H750600		8	<10	14
H750601		71	<10	98
H750602		350	20	188
H750603		334	50	242
H750604		296	10	105
H750605		280	<10	179
H750606		285	10	257
H750607		392	10	83
H750608		453	10	73
H750609		548	10	127
H750610		281	30	76
H750611		360	30	69
H750612		361	10	55
H750613		377	10	217
H750614		432	10	79
H750615		452	10	153

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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