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: 31-MAR-2014
Account: OSIKLI

CERTIFICATE VO14042651

Project: MU

P.O. No.: KL 000347

This report is for 125 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 VO14042651

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
H407280		<0.5	1.80	<5	930	1.7	3	15.4	<0.5	<1	8	4	1.55	10	2.09	10
H407281		<0.5	2.17	<5	1220	4.0	<2	14.1	<0.5	2	9	6	1.70	10	2.66	10
H407282		<0.5	2.50	<5	880	1.5	2	13.65	<0.5	2	12	2	1.64	10	3.11	10
H407283		<0.5	1.09	<5	420	1.1	<2	15.0	<0.5	1	5	2	1.52	<10	1.21	<10
H407284		<0.5	1.73	<5	510	1.3	<2	15.5	<0.5	2	7	3	1.76	10	2.06	10
H407285		<0.5	1.03	<5	390	1.9	<2	16.7	<0.5	1	5	2	1.70	<10	1.09	<10
H407286		<0.5	1.78	7	830	1.9	5	14.6	<0.5	3	9	4	1.89	10	2.06	10
H407287		<0.5	5.67	43	1570	1.7	2	8.25	<0.5	14	41	43	3.53	20	4.76	30
H407288		<0.5	5.51	34	1700	1.2	3	9.10	<0.5	12	33	56	3.18	20	4.80	30
H407289		<0.5	3.98	7	900	2.1	7	12.35	<0.5	9	15	20	2.58	10	4.47	20
H407290		<0.5	1.48	<5	610	4.4	2	15.6	<0.5	4	5	3	1.94	<10	1.90	10
H407291		<0.5	5.06	8	1390	1.4	3	9.58	<0.5	7	18	8	2.42	10	5.51	20
H407292		<0.5	6.65	21	2050	2.3	<2	5.83	<0.5	10	25	44	2.45	20	4.74	30
H407293		<0.5	5.83	9	1720	1.8	<2	7.85	<0.5	11	27	8	2.69	20	4.75	30
H407294		<0.5	6.96	29	1900	1.1	3	4.26	<0.5	12	30	120	3.05	20	5.31	30
H407295		<0.5	6.72	26	1910	2.4	3	3.90	<0.5	11	36	107	2.95	20	4.68	30
H407296		<0.5	7.37	15	2630	2.3	<2	3.22	<0.5	12	48	212	3.90	20	4.79	40
H407297		<0.5	6.47	32	1960	0.7	5	3.56	<0.5	11	27	59	2.52	20	4.51	30
H407298		<0.5	6.84	34	1950	0.9	4	4.08	<0.5	12	27	104	2.79	20	5.10	30
H407299		<0.5	6.99	27	1970	3.2	<2	4.86	<0.5	10	26	114	3.17	20	5.42	30
H407300		<0.5	0.43	<5	30	<0.5	<2	34.4	<0.5	<1	4	4	0.41	<10	0.25	<10
H407301		<0.5	7.92	<5	140	3.7	2	2.60	<0.5	20	71	42	3.44	20	4.15	10
H407302		<0.5	6.70	27	1990	1.1	2	3.96	<0.5	11	29	115	2.79	20	4.84	30
H407303		<0.5	6.67	29	1930	0.9	3	3.95	<0.5	9	28	84	2.74	20	5.26	30
H407304		<0.5	6.37	32	1910	0.8	3	5.19	<0.5	9	26	73	2.91	20	4.89	30
H407305		<0.5	6.61	32	1820	0.8	2	3.53	<0.5	10	31	100	2.79	20	5.55	30
H407306		<0.5	6.58	41	1720	0.9	5	4.02	<0.5	11	29	79	3.02	20	4.77	30
H407307		<0.5	6.41	54	1730	0.7	<2	3.92	<0.5	13	29	42	2.89	10	4.56	30
H407308		<0.5	6.53	49	1960	0.7	5	4.36	<0.5	11	30	22	3.02	20	4.93	30
H407309		<0.5	6.40	31	1740	0.8	5	3.96	<0.5	10	26	70	2.97	20	4.71	30
H407310		<0.5	6.59	28	2060	1.2	<2	3.86	<0.5	9	27	74	2.89	20	5.40	30
H407311		<0.5	6.63	30	2010	0.9	5	2.99	<0.5	10	34	109	2.67	20	4.69	30
H407312		<0.5	6.85	30	2080	1.0	<2	3.70	<0.5	9	32	119	3.04	20	5.07	30
H407313		<0.5	6.36	29	2260	1.2	3	3.73	<0.5	12	30	133	2.66	20	4.64	30
H407314		<0.5	6.85	34	2000	1.0	2	3.64	<0.5	11	29	67	2.89	20	4.61	30
H407315		<0.5	6.72	33	2100	1.0	6	3.86	<0.5	11	30	71	3.14	20	4.71	30
H407316		<0.5	6.92	35	1940	0.9	<2	3.96	<0.5	10	31	77	3.29	20	4.79	30
H407317		<0.5	7.04	43	2270	1.2	<2	3.03	<0.5	10	34	90	3.25	20	4.76	30
H407318		<0.5	6.92	33	2240	4.4	5	3.21	<0.5	11	32	93	3.21	20	4.73	30
H407319		<0.5	7.51	33	2480	5.0	4	2.87	<0.5	11	33	105	3.33	20	5.31	30

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Finalized Date: 31-MAR-2014
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Project: MU

CERTIFICATE OF ANALYSIS VO14042651

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
H407280		9.10	449	<1	0.21	8	720	16	0.01	<5	3	2820	<20	0.04	10	<10
H407281		8.30	525	<1	0.17	8	270	18	0.02	<5	3	2330	<20	0.06	<10	<10
H407282		7.81	449	<1	0.15	7	490	15	0.02	<5	4	2150	<20	0.06	<10	<10
H407283		8.98	484	<1	0.16	5	450	10	<0.01	<5	4	1980	<20	0.03	10	<10
H407284		9.16	558	<1	0.17	9	130	19	<0.01	<5	3	1805	<20	0.05	10	<10
H407285		9.95	539	<1	0.17	7	260	16	<0.01	<5	2	2380	<20	0.03	10	<10
H407286		8.50	587	<1	0.22	10	400	14	0.02	<5	3	2390	<20	0.05	10	<10
H407287		3.43	1040	<1	0.56	19	1020	22	0.56	6	13	1215	<20	0.24	10	<10
H407288		4.04	946	<1	0.60	16	900	17	0.27	6	12	1405	<20	0.23	<10	10
H407289		6.26	775	<1	0.51	16	1050	52	0.04	<5	7	1855	<20	0.12	10	<10
H407290		9.13	586	<1	0.07	9	660	34	<0.01	<5	3	2210	<20	0.04	10	<10
H407291		4.52	689	<1	0.20	14	1250	46	0.06	<5	8	1115	<20	0.13	<10	<10
H407292		2.35	682	<1	0.18	14	950	48	0.21	5	9	715	<20	0.19	10	<10
H407293		2.99	756	<1	0.43	16	3870	27	0.06	<5	10	970	<20	0.18	<10	<10
H407294		1.58	724	1	0.23	13	600	26	1.21	6	10	712	<20	0.20	10	<10
H407295		1.40	711	1	0.22	15	800	23	1.14	5	10	639	<20	0.20	<10	<10
H407296		1.32	720	<1	0.30	18	1330	28	0.55	7	15	622	<20	0.32	<10	<10
H407297		1.29	568	<1	0.19	11	890	29	1.06	8	9	648	<20	0.18	<10	<10
H407298		1.58	623	1	0.20	13	710	33	1.17	<5	9	805	<20	0.19	<10	<10
H407299		1.94	737	1	0.37	13	640	25	1.04	9	10	846	<20	0.20	10	<10
H407300		0.49	330	<1	0.03	5	190	2	0.17	<5	1	413	<20	0.02	10	10
H407301		1.96	491	1	3.27	85	1080	38	0.01	<5	6	330	<20	0.58	<10	<10
H407302		1.53	596	<1	0.26	14	700	25	0.89	7	9	653	<20	0.19	<10	<10
H407303		1.51	632	1	0.28	11	690	24	0.95	8	8	702	<20	0.18	10	10
H407304		2.08	805	<1	0.29	12	740	27	0.79	7	9	833	<20	0.18	<10	<10
H407305		1.35	652	<1	0.27	12	690	21	1.03	<5	8	743	<20	0.18	<10	<10
H407306		1.54	720	<1	0.22	12	690	22	1.26	<5	9	793	<20	0.18	10	<10
H407307		1.47	708	1	0.20	12	760	20	1.37	6	8	629	<20	0.18	10	<10
H407308		1.65	765	<1	0.18	15	730	21	1.25	<5	9	836	<20	0.18	<10	<10
H407309		1.48	735	1	0.24	12	720	20	1.18	9	9	726	<20	0.18	<10	<10
H407310		1.44	673	1	0.25	10	830	20	1.08	5	8	687	<20	0.17	10	<10
H407311		1.10	554	1	0.20	12	620	26	1.25	8	8	555	<20	0.20	10	<10
H407312		1.37	696	<1	0.22	13	820	25	1.04	7	9	606	<20	0.20	<10	<10
H407313		1.47	619	1	0.22	11	760	27	0.92	9	8	630	<20	0.19	10	<10
H407314		1.35	647	1	0.20	12	440	25	1.34	8	9	872	<20	0.21	10	10
H407315		1.40	739	1	0.23	11	710	20	1.21	7	9	787	<20	0.20	10	<10
H407316		1.45	821	<1	0.23	11	730	23	1.39	7	10	798	<20	0.21	10	<10
H407317		1.10	653	<1	0.30	11	790	23	1.27	6	9	719	<20	0.21	10	<10
H407318		1.18	750	<1	0.52	10	810	25	1.28	7	9	689	<20	0.18	<10	<10
H407319		1.15	752	<1	0.47	13	890	24	1.21	<5	9	626	<20	0.18	<10	<10

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Finalized Date: 31-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042651

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H407280		175	10	76
H407281		153	20	81
H407282		159	20	75
H407283		168	10	77
H407284		164	10	77
H407285		184	150	73
H407286		138	20	73
H407287		194	40	78
H407288		153	40	77
H407289		118	30	94
H407290		152	10	94
H407291		106	30	77
H407292		86	50	56
H407293		85	50	76
H407294		107	50	45
H407295		118	40	46
H407296		396	40	62
H407297		77	40	43
H407298		84	40	49
H407299		130	40	56
H407300		7	<10	13
H407301		75	<10	45
H407302		105	40	51
H407303		103	40	47
H407304		104	30	62
H407305		104	40	47
H407306		125	40	47
H407307		97	30	45
H407308		111	30	48
H407309		102	40	42
H407310		93	40	41
H407311		101	40	41
H407312		129	40	48
H407313		112	40	47
H407314		92	50	44
H407315		117	40	44
H407316		125	50	44
H407317		175	30	39
H407318		128	30	45
H407319		139	30	59

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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
H407320		<0.5	7.04	27	2310	1.3	3	3.12	<0.5	10	31	80	3.41	20	4.61	30
H407321		<0.5	7.41	28	2380	1.2	4	2.65	<0.5	10	35	84	3.18	20	4.87	30
H407322		<0.5	7.55	31	2250	2.0	<2	2.73	<0.5	15	35	103	3.32	20	4.95	30
H407323		<0.5	7.12	26	2170	1.0	2	2.76	<0.5	11	33	107	3.32	20	4.76	30
H407324		<0.5	6.87	20	2260	9.5	7	3.28	<0.5	8	32	80	3.23	20	4.84	30
H407325		<0.5	0.37	<5	20	<0.5	<2	35.1	<0.5	<1	4	2	0.39	<10	0.21	<10
H407326		1.0	8.11	88	140	4.2	8	2.41	<0.5	18	61	78	5.65	20	3.65	10
H407327		<0.5	6.82	23	2100	7.1	6	3.10	<0.5	10	36	95	3.44	20	4.27	30
H407328		<0.5	7.05	32	2070	1.6	<2	3.09	<0.5	11	34	70	3.17	20	4.53	30
H407329		<0.5	6.18	44	1920	0.9	3	2.92	<0.5	11	33	78	3.11	20	3.86	20
H407330		<0.5	6.72	54	2310	1.1	3	3.04	<0.5	11	32	64	2.88	20	4.37	30
H407331		<0.5	6.73	61	2120	1.3	5	3.56	<0.5	11	33	111	3.19	20	4.34	30
H407332		<0.5	7.00	57	2180	1.3	3	3.30	<0.5	11	34	71	3.23	20	4.56	30
H407333		<0.5	7.04	49	2190	1.2	<2	4.56	<0.5	11	32	78	3.65	20	4.70	30
H407334		<0.5	6.94	68	1970	1.1	5	3.40	<0.5	11	35	89	3.36	20	4.63	30
H407335		<0.5	7.25	70	1470	1.4	4	3.17	<0.5	12	35	85	3.51	20	4.39	30
H407336		<0.5	6.63	66	1600	1.1	<2	3.30	<0.5	13	36	84	3.31	20	4.12	30
H407337		<0.5	6.34	69	1570	3.2	6	3.62	<0.5	11	30	50	3.30	20	4.05	20
H407338		<0.5	6.52	65	1610	20.6	5	3.04	<0.5	10	31	69	3.09	20	4.32	30
H407339		<0.5	6.53	47	1480	1.0	2	2.90	<0.5	11	30	45	2.92	20	4.23	30
H407340		<0.5	5.34	22	1550	0.6	3	2.45	<0.5	7	30	31	2.31	10	4.16	20
H407341		<0.5	6.67	36	1670	0.9	3	2.92	<0.5	11	29	77	3.03	10	4.34	30
H407342		0.7	6.97	35	1630	1.3	4	2.78	<0.5	11	45	45	3.28	20	4.58	30
H407343		<0.5	6.92	47	1460	2.8	4	2.50	<0.5	12	46	51	3.39	20	4.07	20
H407344		<0.5	6.68	31	2170	1.1	6	3.25	<0.5	10	47	55	3.41	20	4.14	20
H407345		<0.5	7.04	34	1940	1.6	<2	2.92	<0.5	11	39	91	3.29	20	4.54	30
H407346		<0.5	6.52	29	1890	1.7	2	5.33	<0.5	10	25	24	2.71	10	4.37	30
H407347		<0.5	6.04	28	1590	3.1	<2	5.93	<0.5	5	25	23	2.21	20	4.15	30
H407348		<0.5	5.59	40	1740	10.5	<2	9.13	<0.5	10	25	18	2.76	20	4.49	30
H407349		<0.5	6.61	31	2520	5.2	<2	7.55	<0.5	10	24	20	2.74	20	3.90	30
H407350		<0.5	0.44	<5	20	<0.5	<2	34.9	<0.5	<1	4	3	0.43	<10	0.25	<10
H407351		<0.5	8.07	<5	140	3.8	2	2.63	<0.5	21	75	39	3.50	20	4.21	10
H407352		<0.5	6.21	39	1560	4.8	3	8.37	<0.5	12	24	20	2.88	20	4.19	30
H407353		<0.5	5.77	33	1760	15.3	<2	9.58	<0.5	10	24	15	3.05	20	4.22	30
H407354		<0.5	3.72	18	1720	7.3	<2	11.65	<0.5	9	17	10	3.23	10	4.24	20
H407355		<0.5	7.17	115	920	4.3	5	3.15	<0.5	16	34	84	3.24	20	4.51	30
H407356		<0.5	6.38	92	1900	2.8	<2	3.66	<0.5	12	30	78	3.00	20	4.16	30
H407357		<0.5	6.61	55	1910	17.4	7	3.22	<0.5	13	31	83	3.24	20	4.05	30
H407358		<0.5	7.03	47	2240	5.7	3	3.57	<0.5	13	32	90	3.43	20	4.44	30
H407359		<0.5	6.56	59	1920	4.1	2	2.76	<0.5	13	30	72	3.08	20	4.21	30

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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: 31-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042651

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
H407320		1.20	815	<1	0.34	12	920	24	1.01	<5	9	668	<20	0.18	10	<10
H407321		1.04	710	1	0.49	14	930	26	1.09	<5	9	583	<20	0.20	10	<10
H407322		1.12	717	<1	0.37	12	1000	38	1.23	6	10	540	<20	0.21	10	<10
H407323		1.09	715	<1	0.32	12	900	29	0.97	<5	9	560	<20	0.19	<10	<10
H407324		1.31	824	<1	0.53	13	860	23	0.80	<5	10	687	<20	0.18	<10	<10
H407325		0.47	321	<1	0.02	5	180	2	0.16	<5	1	427	<20	0.02	10	<10
H407326		1.73	447	1	3.48	76	950	59	2.93	<5	5	315	<20	0.51	<10	<10
H407327		1.18	778	2	0.35	21	820	28	1.03	6	9	670	<20	0.20	10	<10
H407328		1.20	747	<1	0.36	13	850	22	1.44	<5	9	689	<20	0.21	<10	<10
H407329		1.09	678	1	0.24	13	780	27	1.43	6	8	638	<20	0.18	<10	<10
H407330		1.14	628	<1	0.21	11	820	32	1.55	5	8	695	<20	0.18	<10	<10
H407331		1.36	716	<1	0.20	10	810	27	1.56	5	9	737	<20	0.19	10	<10
H407332		1.25	652	1	0.24	10	870	31	1.65	<5	9	706	<20	0.19	10	<10
H407333		1.85	987	<1	0.22	12	810	40	1.50	<5	10	879	<20	0.20	<10	<10
H407334		1.31	721	1	0.26	11	790	32	1.83	<5	9	770	<20	0.20	10	<10
H407335		1.19	692	<1	0.31	12	730	25	2.10	<5	10	868	<20	0.22	10	<10
H407336		1.21	700	1	0.26	10	760	32	1.94	6	9	855	<20	0.21	10	<10
H407337		1.31	756	<1	0.28	12	750	28	1.87	6	8	895	<20	0.19	<10	<10
H407338		1.15	693	1	0.27	13	780	30	2.03	5	9	690	<20	0.17	10	<10
H407339		1.09	639	1	0.22	10	830	29	1.96	6	8	643	<20	0.17	10	<10
H407340		0.95	554	1	0.18	10	550	19	1.50	<5	7	529	<20	0.13	10	<10
H407341		1.11	732	1	0.27	12	780	24	1.89	5	9	664	<20	0.16	<10	<10
H407342		1.07	714	1	0.42	17	720	20	2.22	6	9	651	<20	0.15	10	<10
H407343		0.97	655	1	0.55	16	740	20	1.96	5	9	586	<20	0.17	10	<10
H407344		1.26	813	1	0.35	16	790	16	1.34	<5	9	898	<20	0.20	<10	<10
H407345		1.10	716	1	0.32	14	710	23	1.78	<5	9	779	<20	0.21	10	<10
H407346		2.18	769	1	0.34	11	850	22	0.91	6	8	838	<20	0.18	10	<10
H407347		2.60	624	<1	0.32	10	680	15	0.34	<5	7	752	<20	0.15	10	<10
H407348		4.14	758	<1	0.26	19	680	31	0.36	6	8	823	<20	0.14	10	<10
H407349		3.16	743	<1	0.26	17	850	22	0.23	10	8	622	<20	0.15	10	<10
H407350		0.54	334	<1	0.03	4	220	3	0.18	<5	1	418	<20	0.02	<10	10
H407351		2.02	510	1	3.30	86	1090	32	0.01	<5	6	333	<20	0.58	10	<10
H407352		3.86	779	<1	0.27	18	750	31	0.47	8	7	726	<20	0.15	<10	<10
H407353		4.34	907	<1	0.27	28	1010	58	0.29	9	7	705	<20	0.13	10	<10
H407354		5.58	962	<1	0.34	19	910	47	0.13	<5	7	965	<20	0.09	<10	<10
H407355		1.12	605	2	0.24	13	970	36	2.16	6	9	552	<20	0.22	<10	<10
H407356		1.38	650	1	0.23	12	850	31	1.78	5	9	660	<20	0.20	10	<10
H407357		1.16	708	1	0.25	12	820	26	1.66	7	9	699	<20	0.18	10	<10
H407358		1.40	807	1	0.31	14	880	32	1.43	<5	10	816	<20	0.20	10	<10
H407359		1.09	678	1	0.27	12	780	33	1.59	<5	9	668	<20	0.18	<10	<10

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KIRKLAND LAKE ON P2N 3L1

Finalized Date: 31-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042651

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H407320		188	30	48
H407321		188	30	44
H407322		265	30	59
H407323		226	30	44
H407324		206	20	41
H407325		6	<10	15
H407326		68	<10	98
H407327		256	20	45
H407328		155	30	41
H407329		162	20	38
H407330		106	30	38
H407331		121	20	46
H407332		130	30	53
H407333		162	20	71
H407334		123	30	53
H407335		122	40	43
H407336		101	40	54
H407337		102	40	49
H407338		59	40	45
H407339		56	40	40
H407340		37	30	31
H407341		65	40	38
H407342		72	30	42
H407343		106	30	47
H407344		182	30	47
H407345		173	40	38
H407346		66	30	53
H407347		99	20	48
H407348		151	20	78
H407349		136	30	75
H407350		7	<10	19
H407351		76	<10	46
H407352		188	30	80
H407353		150	30	111
H407354		165	20	117
H407355		120	30	40
H407356		97	30	49
H407357		114	30	45
H407358		136	30	57
H407359		140	30	51

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Project: MU

CERTIFICATE OF ANALYSIS VO14042651

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
H407360		<0.5	6.82	73	1490	3.8	3	2.48	<0.5	14	35	86	3.22	20	4.10	30
H407361		<0.5	6.53	53	1830	2.3	<2	3.13	<0.5	11	43	50	3.19	20	4.12	20
H407362		<0.5	6.58	46	2180	3.3	<2	3.04	<0.5	10	52	64	3.36	20	3.95	20
H407363		<0.5	6.49	71	1770	3.6	<2	2.80	<0.5	16	53	36	3.38	20	3.95	20
H407364		<0.5	6.82	48	2280	2.8	<2	2.60	<0.5	13	77	47	3.30	20	4.72	30
H407365		<0.5	6.54	51	2360	2.0	<2	1.97	<0.5	14	54	43	3.05	20	4.10	20
H407366		<0.5	6.47	43	2320	2.6	<2	2.02	<0.5	14	52	45	3.13	20	4.25	20
H407367		<0.5	6.20	34	2090	3.6	<2	1.92	<0.5	12	57	44	2.57	20	4.12	20
H407368		<0.5	6.74	39	2140	2.2	<2	2.87	<0.5	13	53	44	3.31	20	4.57	30
H407369		<0.5	6.49	44	2170	3.1	<2	2.65	<0.5	14	50	49	3.14	20	4.00	20
H407370		<0.5	6.25	64	1820	3.0	<2	2.33	<0.5	16	57	49	3.09	20	3.79	20
H407371		<0.5	6.65	46	2090	2.3	<2	2.71	<0.5	13	54	54	2.90	20	4.80	30
H407372		<0.5	6.55	55	2170	1.3	<2	2.88	<0.5	15	50	73	3.21	20	4.28	30
H407373		<0.5	6.58	52	2330	1.8	<2	3.39	<0.5	16	52	57	3.35	20	4.25	20
H407374		0.5	6.81	31	1110	1.5	<2	2.98	<0.5	10	34	204	2.92	30	4.37	140
H407375		<0.5	0.41	<5	30	<0.5	<2	35.2	<0.5	2	5	4	0.42	<10	0.23	<10
H407376		0.9	8.20	100	150	4.5	<2	2.36	0.5	22	71	88	5.62	30	3.58	10
H407377		<0.5	7.04	30	1340	1.2	<2	2.40	<0.5	8	33	257	2.57	30	4.33	110
H407378		<0.5	6.68	28	1580	1.1	<2	2.71	<0.5	8	33	224	2.39	30	4.30	80
H407379		0.5	6.49	36	1280	1.1	<2	2.78	<0.5	8	31	384	2.49	30	4.15	130
H407380		<0.5	6.62	36	1100	1.0	<2	2.47	<0.5	8	34	243	2.43	30	4.20	90
H407381		<0.5	6.61	19	1310	1.1	<2	3.66	<0.5	14	91	304	3.44	30	4.33	90
H407382		<0.5	6.92	25	1340	1.4	<2	2.40	<0.5	11	55	109	2.58	30	4.03	90
H407383		<0.5	6.67	24	1340	1.0	<2	2.50	<0.5	10	41	237	2.56	30	4.11	170
H407384		0.5	7.28	22	1250	1.3	<2	3.03	<0.5	12	86	177	3.04	30	4.79	100
H407385		<0.5	7.27	21	1180	1.2	<2	2.35	<0.5	9	33	183	2.47	30	4.75	190
H407386		<0.5	7.18	35	1280	1.2	<2	2.31	<0.5	8	34	208	2.65	30	4.27	100
H407387		0.6	6.96	31	940	1.5	<2	2.96	<0.5	11	49	156	3.30	30	4.76	150
H407388		<0.5	6.90	19	1190	3.0	<2	4.99	<0.5	21	71	201	5.36	30	4.56	220
H407389		<0.5	6.35	25	640	2.0	<2	5.38	<0.5	21	73	163	5.53	30	4.61	220
H407390		0.7	6.00	24	230	1.6	<2	4.79	<0.5	19	37	186	5.16	30	3.84	270
H407391		1.1	6.54	36	210	1.8	<2	4.02	<0.5	17	46	81	4.79	30	4.29	160
H407392		0.8	6.60	45	300	2.5	<2	5.09	<0.5	22	70	165	5.36	30	4.01	200
H407393		<0.5	6.90	37	490	1.9	<2	4.24	<0.5	19	67	191	4.98	30	4.31	140
H407394		<0.5	6.87	33	940	3.3	<2	4.42	<0.5	18	72	130	5.09	30	4.21	150
H407395		<0.5	6.72	25	970	13.0	<2	4.66	<0.5	19	98	52	4.22	20	2.97	40
H407396		<0.5	7.00	19	970	10.0	<2	4.68	<0.5	20	88	63	4.38	20	3.08	40
H407397		<0.5	7.43	14	2740	7.1	<2	3.33	<0.5	21	54	112	5.03	30	4.76	60
H407398		<0.5	6.89	8	3410	6.6	<2	4.22	<0.5	16	50	132	4.86	30	3.53	70
H407399		<0.5	7.49	13	2330	7.8	<2	4.05	<0.5	21	67	170	5.13	30	4.33	90

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CERTIFICATE OF ANALYSIS VO14042651

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
H407360		0.92	664	1	0.28	11	890	37	2.00	9	9	623	<20	0.20	<10	<10
H407361		1.13	699	1	0.36	14	780	35	1.81	<5	9	895	<20	0.18	<10	<10
H407362		1.17	693	2	0.25	14	790	37	1.44	7	9	870	<20	0.19	10	<10
H407363		1.01	630	1	0.26	14	770	35	2.06	<5	9	876	<20	0.17	<10	<10
H407364		1.01	715	1	0.29	18	810	32	1.48	<5	10	808	<20	0.19	<10	<10
H407365		0.71	626	1	0.26	15	720	27	1.68	<5	8	656	<20	0.18	<10	<10
H407366		0.77	678	<1	0.26	15	740	25	1.48	<5	8	631	<20	0.20	<10	<10
H407367		0.69	572	1	0.25	12	720	19	1.17	<5	7	477	<20	0.17	<10	<10
H407368		1.12	848	<1	0.34	17	880	18	1.09	<5	9	678	<20	0.20	<10	<10
H407369		1.00	756	1	0.34	15	810	17	1.41	<5	9	691	<20	0.19	<10	<10
H407370		0.86	644	1	0.32	15	790	27	1.88	<5	9	636	<20	0.18	<10	<10
H407371		1.03	601	1	0.23	12	740	19	1.49	<5	8	719	<20	0.18	<10	<10
H407372		1.10	655	<1	0.23	16	650	21	1.81	<5	9	776	<20	0.19	<10	<10
H407373		1.24	781	1	0.27	14	800	22	1.80	<5	9	1010	<20	0.20	<10	<10
H407374		1.01	1130	51	0.29	20	2450	105	1.79	<5	4	1410	40	0.26	<10	<10
H407375		0.49	318	<1	0.02	1	200	3	0.18	<5	1	448	<20	0.02	<10	<10
H407376		1.74	460	<1	3.44	75	980	60	3.02	<5	6	331	<20	0.54	<10	<10
H407377		0.75	1065	4	0.32	20	2300	175	1.64	5	2	1280	40	0.27	<10	<10
H407378		0.84	1110	8	0.25	17	2670	64	1.33	<5	2	1360	40	0.26	<10	<10
H407379		0.92	1145	7	0.22	18	2300	83	1.42	<5	2	1390	50	0.25	<10	<10
H407380		0.82	1100	12	0.21	18	1890	116	1.52	<5	2	1310	40	0.26	<10	<10
H407381		1.46	1200	16	0.17	34	2110	114	1.45	<5	7	1400	70	0.29	<10	<10
H407382		0.88	926	5	0.26	25	1790	155	1.70	<5	3	3690	40	0.25	<10	<10
H407383		0.88	1135	10	0.26	21	1800	178	1.62	<5	2	4090	60	0.29	<10	<10
H407384		1.25	1220	9	0.28	30	1640	111	1.66	<5	5	4330	40	0.28	<10	<10
H407385		0.71	953	2	0.24	20	3530	214	1.59	<5	2	1780	60	0.26	<10	<10
H407386		0.76	1135	3	0.28	20	2290	141	1.69	<5	2	2060	40	0.28	<10	<10
H407387		1.03	1200	30	0.40	25	2540	296	2.04	<5	4	2010	40	0.31	<10	<10
H407388		1.90	1590	66	1.72	40	3150	59	3.07	6	11	2110	60	0.45	<10	<10
H407389		2.01	1875	61	1.31	42	2820	70	3.28	7	11	2960	60	0.44	<10	<10
H407390		1.34	2070	21	0.27	25	4220	321	3.14	5	6	2000	70	0.41	<10	<10
H407391		1.37	1470	30	2.06	28	2400	114	3.20	<5	7	2100	50	0.41	10	<10
H407392		1.99	1550	80	2.88	41	2750	57	3.37	<5	11	3100	50	0.43	10	<10
H407393		1.67	1365	21	2.35	33	2200	128	2.53	10	10	2110	40	0.41	<10	<10
H407394		1.90	1370	80	3.00	36	2240	67	1.85	<5	11	2670	40	0.39	<10	<10
H407395		2.27	984	3	2.33	33	1210	33	1.11	<5	16	1230	<20	0.21	<10	<10
H407396		2.25	1060	1	3.23	30	1320	22	1.19	<5	16	1320	20	0.23	<10	<10
H407397		1.86	1155	1	2.66	19	2270	35	1.15	<5	12	1340	20	0.34	<10	<10
H407398		1.74	1405	4	3.20	23	2120	33	1.05	<5	9	2650	30	0.41	<10	<10
H407399		1.74	1285	23	2.99	42	2180	49	1.05	<5	10	2330	30	0.42	<10	<10

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CERTIFICATE OF ANALYSIS VO14042651

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H407360		131	30	56
H407361		108	30	48
H407362		180	30	57
H407363		119	30	53
H407364		175	30	65
H407365		142	30	44
H407366		177	40	42
H407367		148	30	31
H407368		191	30	47
H407369		182	30	38
H407370		155	30	38
H407371		139	30	35
H407372		141	40	38
H407373		124	40	41
H407374		134	30	32
H407375		6	<10	26
H407376		71	<10	98
H407377		130	30	39
H407378		122	30	32
H407379		94	40	38
H407380		87	40	37
H407381		229	50	65
H407382		123	40	49
H407383		118	40	40
H407384		181	40	74
H407385		134	40	54
H407386		138	40	119
H407387		160	50	304
H407388		284	70	55
H407389		325	70	69
H407390		197	60	350
H407391		195	90	177
H407392		294	90	67
H407393		419	80	133
H407394		532	70	104
H407395		179	20	81
H407396		208	80	86
H407397		300	20	111
H407398		272	20	114
H407399		229	20	88

***** 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: 31-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042651

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
H407400		<0.5	0.50	<5	60	<0.5	<2	36.3	<0.5	2	6	7	0.47	<10	0.28	<10
H407401		<0.5	8.29	<5	160	4.1	<2	2.60	<0.5	26	81	46	3.65	30	4.39	10
H407402		<0.5	7.62	12	5100	6.4	<2	4.26	<0.5	21	61	133	5.39	30	4.03	140
H407403		<0.5	7.65	10	2380	8.6	<2	3.97	<0.5	20	58	132	5.13	30	4.40	80
H407404		<0.5	7.74	8	4420	8.8	<2	3.32	<0.5	16	28	139	4.66	30	4.30	70

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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	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
H407400		0.56	355	<1	0.04	4	200	3	0.20	<5	2	476	<20	0.02	<10	<10
H407401		2.04	520	1	3.37	91	1170	33	0.01	<5	6	361	<20	0.63	<10	<10
H407402		1.88	1315	1	2.64	30	2710	36	0.84	<5	11	2450	40	0.41	<10	<10
H407403		1.71	1355	2	2.31	26	2220	32	1.05	<5	9	2100	30	0.42	<10	<10
H407404		1.46	1275	1	2.55	12	1850	38	0.95	<5	7	1820	30	0.39	<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
H407400		9	<10	13
H407401		83	<10	50
H407402		254	20	90
H407403		249	20	109
H407404		237	20	113

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CERTIFICATE OF ANALYSIS VO14042651

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