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 VO14042650

Project: MU

P.O. No.: KL 000347

This report is for 114 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 VO14042650

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
H407405		<0.5	6.76	7	5960	6.2	5	3.28	<0.5	13	29	124	4.23	20	4.17	60
H407406		<0.5	6.76	13	3310	5.0	4	4.51	<0.5	13	19	132	4.71	20	4.01	70
H407407		<0.5	6.85	14	2680	7.9	2	5.07	<0.5	19	43	158	5.32	20	4.19	90
H407408		<0.5	6.87	17	4200	7.0	4	3.94	<0.5	18	48	124	4.67	20	3.66	50
H407409		<0.5	6.91	12	3370	5.1	7	5.12	<0.5	17	93	78	5.19	20	2.50	50
H407410		<0.5	6.83	14	2910	4.2	4	5.54	<0.5	18	101	60	5.26	20	2.07	50
H407411		<0.5	7.16	8	4500	6.7	5	3.81	<0.5	15	49	93	4.42	20	2.91	70
H407412		<0.5	6.67	8	2850	7.1	4	3.75	<0.5	21	116	112	5.18	20	3.96	80
H407413		<0.5	5.86	21	1610	2.6	<2	4.18	<0.5	16	95	42	3.65	10	2.95	30
H407414		<0.5	6.67	30	1620	3.0	6	4.32	<0.5	17	103	51	4.01	20	3.19	30
H407415		<0.5	6.34	44	1480	3.4	<2	4.85	<0.5	16	98	54	4.02	10	3.16	30
H407416		<0.5	6.44	36	1490	4.3	5	4.11	<0.5	15	109	52	3.87	20	3.09	30
H407417		<0.5	6.14	35	1560	4.4	<2	4.18	<0.5	18	105	67	4.06	20	3.14	30
H407418		<0.5	6.45	28	1460	3.6	<2	4.49	<0.5	17	104	48	3.99	20	3.00	30
H407419		<0.5	6.37	31	1510	3.6	2	4.29	<0.5	18	104	56	3.89	20	3.13	30
H407420		<0.5	6.25	24	1440	3.0	3	4.44	<0.5	16	100	47	3.89	10	2.90	30
H407421		<0.5	6.29	22	1540	2.5	5	4.09	<0.5	16	100	55	3.89	20	2.94	30
H407422		<0.5	6.71	19	1560	2.7	7	4.73	<0.5	17	97	59	4.01	10	3.02	40
H407423		<0.5	5.68	16	1390	3.3	4	7.54	<0.5	15	72	45	3.99	10	2.90	30
H407424		<0.5	6.66	40	1620	4.0	3	4.94	<0.5	16	96	67	3.82	20	3.41	40
H407425		<0.5	0.42	9	20	<0.5	4	35.2	<0.5	<1	5	4	0.41	<10	0.24	<10
H407426		1.0	7.84	89	140	4.3	8	2.37	<0.5	20	66	96	5.66	20	3.64	10
H407427		<0.5	6.86	62	1560	3.7	3	4.77	<0.5	17	100	49	3.97	20	3.32	40
H407428		<0.5	6.45	63	1590	3.5	5	5.45	<0.5	19	91	51	3.96	20	3.20	40
H407429		<0.5	6.68	34	1650	3.5	2	4.46	<0.5	17	98	48	3.96	20	2.94	40
H407430		<0.5	6.54	42	1650	3.6	3	4.96	<0.5	15	94	43	3.97	20	3.10	40
H407431		<0.5	6.75	67	1700	3.2	2	4.61	<0.5	16	100	53	3.91	20	3.28	40
H407432		<0.5	6.76	62	1680	3.4	3	5.45	<0.5	18	97	56	4.17	20	3.38	40
H407433		<0.5	6.80	58	1690	3.3	3	5.24	<0.5	18	96	60	4.32	20	3.17	40
H407434		<0.5	6.80	9	1760	2.6	9	4.49	<0.5	19	101	65	4.45	20	2.92	40
H407435		<0.5	6.75	20	1630	2.6	<2	4.65	<0.5	19	97	65	4.47	20	3.18	40
H407436		<0.5	6.95	16	1570	3.0	3	4.90	<0.5	23	113	95	4.97	20	3.32	30
H407437		<0.5	6.47	10	1410	2.5	5	5.59	<0.5	21	97	67	4.95	10	3.18	30
H407438		<0.5	6.69	5	1360	3.1	5	5.24	<0.5	19	104	70	4.82	10	3.19	30
H407439		<0.5	6.79	<5	1550	2.6	5	5.76	<0.5	22	99	78	4.97	20	3.19	40
H407440		<0.5	7.03	5	1330	2.6	<2	5.87	<0.5	22	106	64	5.41	20	3.50	40
H407441		<0.5	6.65	9	1390	2.2	2	5.88	<0.5	25	138	80	5.46	20	3.24	40
H407442		<0.5	6.71	10	1390	2.1	2	5.27	<0.5	21	108	81	4.97	20	2.99	30
H407443		<0.5	6.92	6	1630	2.4	<2	4.84	<0.5	22	105	80	4.72	20	3.12	40
H407444		<0.5	7.19	6	1900	2.8	7	4.70	<0.5	18	98	73	4.67	20	3.29	40

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Finalized Date: 29-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042650

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
H407405		1.21	1125	1	2.64	12	1850	41	0.73	<5	7	1785	20	0.36	<10	<10
H407406		1.38	1435	2	2.38	9	2300	47	0.92	5	9	2070	20	0.42	<10	10
H407407		1.74	1460	6	1.73	19	3480	49	1.07	<5	10	2740	30	0.44	<10	<10
H407408		1.38	1270	1	2.72	12	1780	35	0.72	<5	8	2020	20	0.36	<10	<10
H407409		1.88	1360	2	2.46	18	2010	15	0.24	5	14	2620	20	0.30	<10	<10
H407410		2.13	1390	1	2.48	21	1980	16	0.15	<5	18	2730	20	0.28	<10	<10
H407411		1.55	1205	1	2.61	18	1950	15	0.77	<5	9	1960	20	0.36	<10	<10
H407412		2.15	1180	<1	0.52	43	2250	16	0.63	5	15	1550	30	0.41	<10	<10
H407413		1.96	809	1	1.16	34	1120	18	0.23	<5	13	1305	<20	0.19	<10	<10
H407414		2.16	872	1	1.14	34	1220	32	0.39	7	15	1325	<20	0.22	10	<10
H407415		2.34	987	1	1.07	33	1170	39	0.35	5	15	1465	<20	0.22	<10	<10
H407416		2.04	857	2	1.37	34	1230	23	0.36	<5	14	1320	<20	0.22	<10	<10
H407417		2.20	888	1	1.03	37	1170	24	0.45	<5	14	1350	<20	0.21	<10	<10
H407418		2.21	904	1	1.28	36	1170	19	0.39	<5	15	1380	<20	0.21	10	<10
H407419		2.15	895	<1	1.18	35	1220	24	0.31	<5	15	1275	<20	0.22	<10	<10
H407420		2.16	864	<1	1.35	34	1160	14	0.25	<5	14	1305	<20	0.20	<10	<10
H407421		2.06	813	1	1.31	35	1200	14	0.21	<5	14	1210	<20	0.21	<10	<10
H407422		2.36	880	2	1.36	35	1230	19	0.22	<5	16	1370	<20	0.20	<10	<10
H407423		3.72	1005	<1	0.58	30	1010	36	0.20	<5	13	1835	<20	0.16	<10	<10
H407424		2.36	952	<1	0.81	34	1210	21	0.30	<5	16	1310	<20	0.20	<10	<10
H407425		0.53	307	<1	0.03	4	180	<2	0.17	<5	1	441	<20	0.02	10	<10
H407426		1.76	442	2	3.50	73	980	54	3.03	<5	5	326	<20	0.53	<10	<10
H407427		2.38	878	1	1.08	36	1280	92	0.62	<5	16	1305	<20	0.20	<10	<10
H407428		2.67	916	1	0.77	36	1150	57	0.76	<5	15	1405	<20	0.18	<10	<10
H407429		2.18	912	1	1.39	34	1200	30	0.51	<5	15	1285	<20	0.20	<10	<10
H407430		2.36	922	1	1.04	33	1170	38	0.77	7	15	1375	<20	0.19	<10	<10
H407431		2.34	846	<1	0.85	32	1240	26	0.82	<5	15	1180	<20	0.19	<10	<10
H407432		2.71	958	1	0.76	34	1250	38	0.64	<5	16	1375	<20	0.20	<10	<10
H407433		2.45	973	1	1.23	34	1300	31	0.96	8	16	1315	<20	0.20	<10	<10
H407434		2.35	940	1	1.48	40	1320	16	0.29	<5	17	1185	<20	0.20	<10	<10
H407435		2.44	965	1	1.10	37	1290	19	0.59	<5	16	1215	<20	0.18	<10	<10
H407436		2.49	1125	1	1.10	34	1460	8	0.42	<5	22	1280	<20	0.24	<10	<10
H407437		2.48	1150	<1	0.93	32	1370	4	0.09	<5	20	1355	<20	0.25	<10	<10
H407438		2.41	988	<1	0.93	31	1410	2	0.23	6	20	1290	<20	0.25	<10	<10
H407439		2.55	1075	1	1.24	32	1470	13	0.13	<5	21	1405	<20	0.25	<10	<10
H407440		2.98	1085	<1	0.77	35	1470	7	0.02	<5	22	1480	<20	0.25	<10	<10
H407441		3.07	1260	<1	1.11	39	1780	14	0.02	5	21	1480	<20	0.23	<10	<10
H407442		2.56	1080	<1	1.46	32	1450	7	0.09	<5	21	1325	<20	0.24	<10	<10
H407443		2.50	1040	<1	1.39	37	1420	32	0.21	<5	19	1260	<20	0.23	<10	<10
H407444		2.45	989	1	1.42	40	1390	22	0.30	<5	17	1295	<20	0.21	<10	<10

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Project: MU

CERTIFICATE OF ANALYSIS VO14042650

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H407405		189	10	138
H407406		211	20	132
H407407		245	10	144
H407408		228	10	123
H407409		175	10	116
H407410		148	10	107
H407411		193	10	87
H407412		261	10	104
H407413		128	<10	68
H407414		141	<10	70
H407415		138	<10	74
H407416		157	<10	66
H407417		164	10	74
H407418		144	<10	67
H407419		143	<10	79
H407420		138	<10	67
H407421		138	<10	73
H407422		140	<10	70
H407423		118	<10	71
H407424		140	<10	73
H407425		7	<10	19
H407426		70	<10	93
H407427		144	<10	117
H407428		140	<10	77
H407429		143	<10	74
H407430		146	<10	77
H407431		140	<10	63
H407432		144	<10	79
H407433		153	<10	79
H407434		150	<10	97
H407435		147	<10	76
H407436		170	<10	83
H407437		163	<10	76
H407438		167	<10	68
H407439		170	<10	73
H407440		178	<10	71
H407441		167	<10	90
H407442		164	<10	79
H407443		161	<10	75
H407444		157	<10	81

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CERTIFICATE OF ANALYSIS VO14042650

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
H407445		<0.5	6.66	10	1760	2.3	5	4.91	<0.5	16	91	70	4.16	10	3.09	40
H407446		<0.5	6.94	106	1760	2.6	6	5.85	<0.5	21	95	64	4.62	20	3.56	40
H407447		<0.5	7.18	44	1990	2.6	3	5.77	<0.5	20	103	72	4.76	20	3.23	40
H407448		<0.5	6.86	<5	1770	2.6	7	4.31	<0.5	17	100	61	4.40	20	2.62	40
H407449		<0.5	6.74	6	1750	2.5	7	4.13	<0.5	17	100	66	4.33	20	2.55	30
H407450		<0.5	0.39	<5	20	<0.5	<2	35.9	<0.5	<1	4	3	0.40	<10	0.22	<10
H407451		<0.5	8.20	<5	150	4.0	9	2.70	<0.5	22	75	44	3.60	30	4.51	10
H407452		<0.5	6.89	5	1820	3.0	3	4.70	<0.5	16	98	67	4.36	20	2.67	40
H407453		<0.5	6.78	7	1880	2.2	3	4.37	<0.5	19	104	57	4.33	20	2.67	40
H407454		<0.5	6.64	<5	1580	2.9	<2	4.09	<0.5	18	97	53	4.44	20	2.37	40
H407455		<0.5	7.12	10	1900	3.4	6	4.45	<0.5	20	76	75	4.74	20	2.94	50
H407456		<0.5	7.37	23	2040	3.9	3	3.92	<0.5	19	79	83	4.87	20	3.47	50
H407457		<0.5	6.60	39	1570	3.1	<2	4.74	<0.5	21	136	70	4.38	10	2.88	40
H407458		<0.5	6.59	25	1510	3.1	2	4.73	<0.5	22	115	71	4.89	20	2.95	40
H407459		<0.5	6.63	32	1560	3.5	<2	4.58	<0.5	26	123	84	5.29	20	3.13	40
H407460		<0.5	6.58	24	1370	3.0	<2	4.80	<0.5	27	119	73	5.64	20	2.81	40
H407461		<0.5	6.69	28	1310	2.2	<2	4.63	<0.5	27	122	75	5.61	20	2.79	30
H407462		<0.5	6.59	26	1160	2.9	4	4.97	<0.5	25	128	67	5.86	20	2.62	30
H407463		<0.5	6.57	18	1250	3.8	<2	5.34	<0.5	26	119	71	6.01	20	3.00	30
H407464		<0.5	6.69	15	1250	3.3	5	5.67	<0.5	22	94	95	5.72	20	2.59	30
H407465		<0.5	6.86	20	1420	3.5	4	5.79	<0.5	24	100	74	5.79	20	2.76	30
H407466		<0.5	6.67	21	1400	3.0	<2	4.94	<0.5	22	101	81	5.43	20	2.68	40
H407467		<0.5	6.78	19	1450	3.3	4	5.07	<0.5	20	85	73	4.95	20	2.72	40
H407468		<0.5	6.73	17	1420	1.9	5	5.58	<0.5	23	98	73	5.74	20	2.56	40
H407469		<0.5	6.71	10	1330	1.6	3	5.33	<0.5	26	112	80	6.05	20	2.52	30
H407470		<0.5	6.84	10	1360	1.6	3	5.03	<0.5	26	111	70	5.95	20	2.80	30
H407471		<0.5	6.69	6	1210	1.5	<2	5.37	<0.5	27	104	72	6.00	20	2.49	30
H407472		<0.5	6.81	<5	1540	1.7	2	5.69	<0.5	28	98	80	6.07	20	2.84	30
H407473		<0.5	6.63	5	1190	1.5	2	4.98	<0.5	27	102	78	5.84	10	2.06	30
H407474		<0.5	6.84	<5	1360	1.9	<2	4.99	<0.5	24	100	73	5.70	20	2.59	40
H407475		<0.5	0.38	<5	20	<0.5	2	35.5	<0.5	<1	4	2	0.39	<10	0.21	<10
H407476		<0.5	7.45	<5	140	3.8	4	2.61	<0.5	22	78	42	3.46	20	4.20	10
H407477		<0.5	6.85	<5	1520	1.6	2	4.79	<0.5	28	106	78	6.18	20	1.71	30
H407478		<0.5	6.67	7	1730	1.3	<2	4.49	<0.5	28	112	69	6.17	20	1.04	40
H407479		<0.5	6.65	<5	1220	1.7	5	5.56	<0.5	25	110	71	5.99	20	2.56	30
H407480		<0.5	6.41	44	1600	2.3	<2	6.97	<0.5	25	107	82	5.84	20	3.13	30
H407481		<0.5	6.45	17	1430	1.8	<2	5.97	<0.5	27	109	75	5.82	20	2.85	40
H407482		<0.5	6.11	9	1340	1.4	5	5.57	<0.5	26	116	75	5.75	10	2.56	30
H407483		<0.5	6.45	<5	1340	1.7	5	4.93	<0.5	24	116	74	5.39	20	2.60	30
H407484		<0.5	6.87	5	1590	1.9	<2	5.32	<0.5	25	120	78	6.02	20	3.11	40

***** 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: 29-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042650

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
H407445		2.40	970	<1	1.26	32	1280	20	0.24	<5	15	1250	<20	0.20	<10	<10
H407446		2.91	1020	<1	0.64	37	1290	65	1.23	5	17	1350	<20	0.20	<10	<10
H407447		3.00	1010	<1	1.48	37	1400	21	0.92	7	19	1425	<20	0.22	<10	<10
H407448		2.29	960	1	2.28	37	1320	12	0.27	<5	16	1360	<20	0.20	<10	<10
H407449		2.10	916	<1	2.44	36	1300	16	0.11	<5	16	1310	<20	0.20	<10	<10
H407450		0.48	314	1	0.03	5	200	<2	0.16	<5	1	444	<20	0.02	<10	<10
H407451		2.10	495	<1	3.53	90	1150	35	0.01	<5	6	362	<20	0.62	<10	<10
H407452		2.33	957	1	2.40	37	1300	25	0.11	<5	16	1575	<20	0.24	10	<10
H407453		2.35	913	<1	2.35	36	1250	24	0.03	<5	16	1575	<20	0.24	<10	<10
H407454		2.51	930	<1	2.63	35	1290	14	0.16	<5	17	1790	<20	0.21	<10	<10
H407455		2.16	1075	<1	2.37	27	1450	35	0.16	<5	16	1610	20	0.24	<10	<10
H407456		1.96	1090	1	2.22	28	1710	23	0.24	<5	14	1285	<20	0.27	<10	<10
H407457		2.62	1040	<1	1.82	48	1140	19	0.10	5	17	1365	<20	0.21	<10	<10
H407458		2.67	1055	1	1.58	36	1350	20	0.07	<5	19	1290	<20	0.27	<10	<10
H407459		2.30	1025	<1	1.56	33	1670	18	0.11	<5	20	1105	<20	0.33	<10	<10
H407460		2.58	1065	<1	1.67	31	1670	20	0.45	<5	23	1285	<20	0.36	<10	<10
H407461		2.43	1010	<1	1.44	31	1630	10	0.36	6	24	1140	<20	0.36	<10	<10
H407462		2.98	1035	<1	1.51	35	1490	9	0.17	<5	24	1210	<20	0.35	<10	<10
H407463		3.17	1030	<1	1.32	33	1330	10	0.05	7	24	1330	<20	0.37	<10	<10
H407464		2.89	1200	<1	1.78	30	1400	122	0.07	5	22	1410	<20	0.37	10	<10
H407465		2.83	1175	<1	1.65	32	1540	21	0.05	<5	23	1400	<20	0.39	<10	<10
H407466		2.37	1060	<1	1.55	31	1520	10	0.08	<5	21	1140	<20	0.38	<10	<10
H407467		2.52	1165	1	1.76	29	1430	18	0.32	<5	18	1155	<20	0.32	<10	<10
H407468		2.95	1140	<1	1.66	32	1580	11	0.04	7	22	1190	<20	0.38	<10	<10
H407469		3.17	1110	<1	1.64	32	1550	2	0.01	5	24	1115	<20	0.45	<10	<10
H407470		3.11	1060	<1	1.49	34	1470	9	0.02	5	23	1105	<20	0.43	<10	<10
H407471		3.55	1130	<1	1.56	35	1500	4	0.02	<5	24	1310	<20	0.38	<10	<10
H407472		3.30	1190	<1	1.58	28	1730	10	0.07	<5	24	1555	<20	0.39	<10	<10
H407473		3.33	1115	<1	2.08	29	1650	3	0.03	<5	23	1445	<20	0.35	<10	<10
H407474		3.00	1120	<1	1.90	29	1660	11	0.05	<5	22	1385	<20	0.35	<10	<10
H407475		0.47	308	<1	0.03	2	200	<2	0.15	5	1	427	<20	0.02	<10	<10
H407476		2.02	490	1	3.32	83	1130	33	0.01	<5	6	339	<20	0.61	<10	<10
H407477		3.64	1150	<1	2.65	31	1660	12	0.07	<5	25	1585	<20	0.36	<10	<10
H407478		4.06	1175	<1	2.83	34	1640	3	0.04	6	25	1530	<20	0.34	<10	<10
H407479		3.40	1170	<1	1.78	33	1450	8	0.01	5	24	1405	<20	0.42	<10	<10
H407480		3.22	1155	4	1.33	27	1630	42	0.90	5	23	1525	<20	0.40	<10	<10
H407481		3.24	1120	<1	1.21	31	1590	3	0.12	<5	24	1355	<20	0.40	<10	<10
H407482		3.24	1070	<1	1.36	36	1550	32	0.03	<5	25	1190	<20	0.41	<10	<10
H407483		3.09	1025	1	1.37	33	1460	17	0.02	6	23	1110	<20	0.40	10	<10
H407484		3.40	1105	<1	1.00	35	1680	4	0.02	5	25	1270	<20	0.42	<10	<10

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

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To: **OSISKO MINING LTD.**
P.O. BOX 996
KIRKLAND LAKE ON P2N 3L1

Finalized Date: 29-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042650

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H407445		143	<10	72
H407446		156	<10	80
H407447		165	<10	69
H407448		152	<10	72
H407449		151	<10	75
H407450		7	<10	10
H407451		82	<10	46
H407452		152	<10	74
H407453		148	<10	75
H407454		146	<10	74
H407455		157	<10	89
H407456		166	<10	99
H407457		140	<10	90
H407458		155	<10	84
H407459		175	<10	93
H407460		195	<10	92
H407461		195	<10	91
H407462		197	<10	111
H407463		205	<10	96
H407464		191	<10	99
H407465		198	<10	92
H407466		187	<10	91
H407467		170	<10	83
H407468		193	<10	96
H407469		199	<10	102
H407470		200	<10	98
H407471		196	<10	112
H407472		201	<10	84
H407473		191	<10	105
H407474		190	<10	86
H407475		7	<10	18
H407476		81	<10	45
H407477		204	<10	105
H407478		204	<10	119
H407479		198	<10	91
H407480		197	<10	74
H407481		193	<10	92
H407482		189	<10	91
H407483		177	<10	95
H407484		195	<10	107

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KIRKLAND LAKE ON P2N 3L1

Finalized Date: 29-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042650

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
H407485		<0.5	7.00	40	1630	2.7	4	5.34	<0.5	22	104	95	5.13	20	2.95	40
H407486		<0.5	6.82	29	1590	2.1	<2	4.85	<0.5	20	102	73	4.97	20	2.42	40
H407487		<0.5	6.80	15	1530	2.2	<2	4.65	<0.5	20	98	72	4.84	10	2.26	40
H407488		<0.5	6.88	20	1730	2.1	<2	4.44	<0.5	21	99	68	4.79	20	2.58	40
H407489		<0.5	6.99	27	1640	2.1	3	4.61	<0.5	23	111	76	5.23	20	2.42	40
H407490		<0.5	7.04	19	1690	2.0	2	4.84	<0.5	20	108	74	5.11	20	2.77	40
H407491		<0.5	6.98	20	1650	2.2	<2	4.14	<0.5	21	86	70	4.79	20	2.79	40
H407492		<0.5	6.58	28	1690	2.2	<2	4.61	<0.5	19	77	73	4.63	20	3.01	30
H407493		<0.5	6.94	23	1810	2.3	3	4.15	<0.5	22	90	72	4.98	20	2.91	30
H407494		<0.5	6.66	19	1650	2.7	6	4.15	<0.5	18	77	65	4.43	20	2.87	30
H407495		<0.5	7.20	11	1810	2.4	<2	3.86	<0.5	18	89	66	4.62	20	2.84	40
H407496		<0.5	6.82	10	1470	2.0	5	4.05	<0.5	17	78	65	4.61	20	2.16	40
H407497		<0.5	6.87	13	1750	2.3	<2	3.85	<0.5	18	84	80	4.73	20	2.70	30
H407498		<0.5	7.14	5	1510	2.2	4	4.15	<0.5	16	76	65	4.66	20	2.20	40
H407499		<0.5	6.78	6	1650	2.4	4	3.65	<0.5	19	82	74	4.60	20	2.44	30
H407500		<0.5	0.45	6	20	<0.5	<2	31.4	<0.5	<1	5	3	0.42	<10	0.24	<10
H410251		0.9	7.65	85	130	4.2	5	2.36	<0.5	18	64	82	5.66	20	3.57	10
H410252		<0.5	7.03	6	1380	2.2	4	4.68	<0.5	17	76	71	4.53	20	1.87	40
H410253		<0.5	6.92	11	1600	2.2	<2	4.33	<0.5	20	77	68	4.63	20	2.21	30
H410254		<0.5	7.06	19	1910	2.3	<2	4.17	<0.5	19	85	73	4.67	20	2.94	30
H410255		<0.5	7.17	13	1840	2.1	3	4.23	<0.5	17	81	66	4.51	20	2.83	40
H410256		<0.5	6.85	14	2560	2.8	<2	4.09	<0.5	16	60	73	4.34	20	3.46	40
H410257		<0.5	6.92	10	2870	3.5	<2	4.61	<0.5	14	51	79	4.40	20	3.55	40
H410258		<0.5	7.14	12	1540	1.9	2	4.64	<0.5	19	75	60	4.61	20	2.25	40
H410259		<0.5	7.15	22	1490	2.0	3	4.57	<0.5	18	75	64	4.80	20	2.18	30
H410260		<0.5	7.04	20	1510	2.1	8	3.92	<0.5	18	77	65	4.67	20	2.32	30
H410261		<0.5	7.16	20	1270	1.9	2	4.96	<0.5	18	69	67	4.87	20	1.99	40
H410262		<0.5	7.18	28	2320	3.6	5	4.87	<0.5	22	44	123	5.59	20	4.05	50
H410263		<0.5	7.47	20	2790	4.4	6	3.56	<0.5	20	31	84	4.73	20	4.59	40
H410264		<0.5	7.37	24	2000	3.1	<2	6.51	<0.5	23	46	98	5.97	20	3.60	60
H410265		<0.5	7.74	14	2230	3.3	3	5.34	<0.5	17	39	101	5.99	20	4.01	70
H410266		<0.5	6.56	10	1910	2.7	<2	3.62	<0.5	9	34	80	4.04	20	3.16	50
H410267		<0.5	7.37	7	2300	3.5	2	5.61	<0.5	16	33	89	5.30	20	4.14	60
H410268		<0.5	7.67	21	2100	3.2	5	5.86	<0.5	21	52	98	5.14	20	3.62	50

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KIRKLAND LAKE ON P2N 3L1

Finalized Date: 29-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042650

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
H407485		2.69	1080	1	1.90	32	1530	18	0.80	<5	20	1335	<20	0.31	<10	<10
H407486		2.48	1035	1	2.19	30	1400	20	0.37	<5	19	1185	<20	0.33	<10	<10
H407487		2.38	1015	<1	2.32	30	1370	22	0.14	<5	19	1165	<20	0.32	10	<10
H407488		2.32	1010	1	1.85	29	1350	20	0.05	<5	19	1025	<20	0.35	<10	<10
H407489		2.59	1055	1	2.09	34	1420	30	0.15	6	20	1075	<20	0.36	<10	<10
H407490		2.33	1115	1	1.79	32	1360	15	0.15	<5	20	1080	<20	0.36	<10	<10
H407491		2.12	955	2	1.72	29	1470	25	0.24	<5	18	989	<20	0.31	<10	<10
H407492		2.26	1055	1	1.42	25	1430	24	0.10	<5	16	996	<20	0.30	<10	<10
H407493		2.04	1040	1	1.91	30	1530	22	0.14	<5	17	933	<20	0.33	<10	<10
H407494		1.78	980	1	1.47	31	1280	29	0.18	<5	15	959	<20	0.28	<10	<10
H407495		2.10	986	1	1.77	27	1410	25	0.14	7	17	920	<20	0.31	10	<10
H407496		2.35	1040	<1	2.36	27	1330	25	0.12	<5	16	1060	<20	0.30	<10	<10
H407497		2.24	996	<1	1.93	29	1400	18	0.12	<5	16	1070	<20	0.31	<10	<10
H407498		2.52	1090	<1	2.31	27	1370	22	0.13	<5	16	1285	<20	0.31	<10	<10
H407499		2.25	974	1	2.24	27	1420	24	0.12	<5	15	1135	<20	0.31	<10	<10
H407500		0.47	298	<1	0.03	5	220	4	0.16	<5	1	376	<20	0.02	10	10
H410251		1.72	449	1	3.37	74	940	59	2.90	<5	5	305	<20	0.51	<10	<10
H410252		2.34	898	<1	2.59	27	1340	37	0.10	<5	16	1375	<20	0.31	<10	<10
H410253		2.00	1050	<1	2.66	29	1350	26	0.16	<5	15	1385	<20	0.31	<10	<10
H410254		1.76	1075	<1	1.86	30	1400	23	0.13	<5	16	1210	<20	0.32	<10	<10
H410255		1.95	1105	1	1.81	27	1350	30	0.10	<5	15	1235	<20	0.31	10	<10
H410256		1.79	1195	1	1.42	25	1330	32	0.20	<5	12	1180	<20	0.32	<10	<10
H410257		1.58	1290	<1	1.48	19	1230	20	0.29	<5	10	1455	<20	0.33	<10	<10
H410258		1.41	975	1	2.52	26	1370	22	0.36	<5	16	1635	<20	0.30	<10	<10
H410259		1.60	1030	<1	2.62	25	1430	28	0.36	<5	16	1555	<20	0.31	<10	<10
H410260		1.73	869	<1	2.34	26	1420	31	0.35	<5	16	1360	<20	0.32	10	<10
H410261		1.86	1200	<1	2.66	25	1480	22	0.68	<5	16	1770	<20	0.33	<10	<10
H410262		1.42	1375	1	1.18	20	2440	39	0.22	<5	11	2520	20	0.37	<10	<10
H410263		1.28	964	2	0.74	13	2470	63	0.04	6	7	1995	20	0.35	10	10
H410264		1.56	1725	<1	1.11	20	2680	46	0.05	<5	12	4520	30	0.38	<10	<10
H410265		1.64	1565	1	1.15	18	3120	30	0.08	<5	12	3750	30	0.38	<10	<10
H410266		1.22	1070	1	1.42	11	1930	80	0.07	<5	7	>10000	50	0.26	10	<10
H410267		1.58	1400	<1	0.91	15	2350	65	0.07	<5	10	4870	30	0.35	<10	<10
H410268		1.61	1540	<1	1.76	23	2160	26	0.06	<5	12	2940	20	0.36	<10	<10

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Finalized Date: 29-MAR-2014
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CERTIFICATE OF ANALYSIS VO14042650

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H407485		178	<10	82
H407486		164	<10	90
H407487		163	<10	93
H407488		160	<10	87
H407489		172	<10	102
H407490		170	<10	85
H407491		165	<10	87
H407492		161	<10	81
H407493		174	<10	95
H407494		149	<10	78
H407495		160	<10	86
H407496		151	<10	90
H407497		160	<10	86
H407498		155	<10	89
H407499		157	<10	86
H407500		7	<10	11
H410251		67	<10	99
H410252		152	<10	105
H410253		153	<10	86
H410254		159	<10	85
H410255		151	<10	93
H410256		166	<10	83
H410257		165	<10	87
H410258		149	<10	91
H410259		153	<10	91
H410260		152	<10	90
H410261		154	<10	94
H410262		170	<10	99
H410263		149	<10	116
H410264		174	<10	118
H410265		166	<10	117
H410266		107	<10	85
H410267		147	<10	110
H410268		156	<10	104

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Finalized Date: 29-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042650

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

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