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 VO14042654

Project: MU

P.O. No.: KL 000347

This report is for 109 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 VO14042654

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
I272701		1.1	7.77	23	1970	0.7	<2	0.05	<0.5	2	13	84	1.51	30	4.12	140
I272702		1.1	7.02	34	670	0.7	<2	1.16	<0.5	4	15	116	2.14	30	3.78	100
I272703		1.0	6.94	37	600	0.7	<2	1.14	<0.5	2	14	150	2.45	30	3.46	110
I272704		0.8	6.29	33	470	0.8	<2	1.80	<0.5	5	13	212	2.34	20	3.68	170
I272705		0.6	6.00	20	780	1.3	<2	2.26	<0.5	3	32	170	2.01	30	3.73	80
I272706		0.7	6.41	20	690	0.8	<2	2.09	<0.5	7	33	245	2.43	30	4.08	140
I272707		0.8	6.29	26	960	0.7	<2	2.94	<0.5	6	36	205	2.40	30	4.00	70
I272708		0.9	6.58	32	720	0.9	<2	2.60	<0.5	4	26	272	2.53	30	4.33	250
I272709		0.8	6.25	25	800	1.1	<2	3.16	<0.5	7	33	224	2.49	30	4.06	210
I272710		0.7	6.35	30	900	0.9	<2	2.68	<0.5	6	32	167	2.27	30	4.04	120
I272711		<0.5	6.92	23	910	1.0	<2	2.33	<0.5	11	44	297	2.48	30	4.26	70
I272712		0.5	6.69	22	700	0.8	<2	2.36	<0.5	7	29	272	2.59	30	4.15	280
I272713		1.0	6.47	42	630	0.8	<2	1.72	<0.5	6	18	213	2.11	30	3.78	160
I272714		0.7	7.34	37	830	1.0	<2	1.41	<0.5	6	15	152	1.99	30	4.12	130
I272715		0.7	6.57	22	610	0.9	<2	1.54	<0.5	4	18	254	2.09	30	3.98	120
I272716		0.9	6.97	37	850	1.2	<2	1.61	<0.5	6	19	132	2.20	30	3.81	70
I272717		0.9	6.40	30	600	1.1	2	1.56	<0.5	5	19	148	2.14	30	3.60	120
I272718		0.5	6.81	19	600	1.0	<2	1.47	<0.5	4	18	121	2.18	30	3.95	100
I272719		0.8	6.90	26	1010	1.1	<2	1.65	<0.5	3	16	258	1.85	30	3.95	150
I272720		0.9	7.01	26	750	1.0	<2	1.99	<0.5	5	21	208	2.26	30	4.55	140
I272721		0.7	6.70	28	970	1.2	<2	1.91	<0.5	4	16	199	1.94	30	4.07	130
I272722		0.7	7.31	43	590	0.8	<2	1.55	<0.5	6	16	147	2.51	30	4.33	130
I272723		1.9	6.93	38	550	0.9	<2	1.48	<0.5	5	14	213	2.13	30	3.96	140
I272724		0.9	6.64	20	640	0.9	2	1.54	<0.5	5	14	201	2.05	30	4.33	110
I272725		<0.5	0.42	5	40	<0.5	<2	34.1	<0.5	<1	5	3	0.40	<10	0.25	<10
I272726		0.9	7.72	95	140	4.2	2	2.36	<0.5	19	66	87	5.57	20	3.59	10
I272727		0.6	7.02	35	700	1.6	<2	1.74	<0.5	5	18	150	2.32	30	4.36	100
I272728		0.6	6.73	14	650	1.5	<2	2.06	<0.5	4	29	184	2.35	30	4.16	90
I272729		0.7	6.83	32	700	1.8	<2	1.81	<0.5	5	25	392	2.55	30	4.30	100
I272730		0.8	6.84	24	930	0.9	<2	1.74	<0.5	4	16	157	2.01	30	3.94	80
I272731		<0.5	7.14	32	840	1.0	<2	1.85	<0.5	6	20	175	2.30	30	4.31	110
I272732		0.5	6.11	28	850	1.5	<2	1.96	<0.5	6	20	158	2.08	30	4.11	110
I272733		1.0	6.10	30	700	1.2	<2	1.86	<0.5	8	21	270	2.26	30	4.02	230
I272734		<0.5	6.57	18	840	1.3	<2	1.93	<0.5	6	26	125	2.23	30	4.30	100
I272735		<0.5	6.42	19	1070	2.1	<2	2.10	<0.5	6	29	213	2.01	40	4.21	120
I272736		0.6	7.03	22	720	1.1	<2	2.22	<0.5	7	31	184	2.43	40	4.67	90
I272737		0.7	6.41	33	970	1.7	<2	2.29	<0.5	7	28	115	2.27	40	4.22	90
I272738		0.6	6.05	41	770	1.4	<2	2.23	<0.5	6	29	244	2.28	40	3.89	120
I272739		0.5	6.60	27	720	1.9	2	2.11	<0.5	7	27	212	2.53	30	4.37	480
I272740		<0.5	6.17	29	560	1.9	<2	2.20	<0.5	6	27	153	2.68	30	3.98	130

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Finalized Date: 31-MAR-2014
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Project: MU

CERTIFICATE OF ANALYSIS VO14042654

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
I272701		0.02	43	42	0.22	7	450	391	1.13	<5	3	419	30	0.41	<10	<10
I272702		0.39	888	112	0.29	6	540	405	1.89	6	2	1830	20	0.35	<10	<10
I272703		0.33	920	20	0.19	6	1070	518	2.10	<5	2	645	20	0.36	<10	<10
I272704		0.60	1125	235	0.26	7	1110	290	2.17	<5	2	6130	50	0.33	<10	<10
I272705		0.67	970	33	0.26	10	2310	256	1.53	5	2	3250	20	0.23	<10	<10
I272706		0.63	1075	72	0.22	19	2220	260	1.88	<5	3	1980	30	0.22	<10	<10
I272707		1.03	1160	48	0.25	16	2040	242	1.72	<5	4	4020	30	0.19	<10	<10
I272708		0.91	1170	26	0.25	12	1860	271	2.06	<5	3	7990	60	0.29	<10	<10
I272709		1.12	1225	17	0.19	15	2400	317	1.86	5	3	>10000	70	0.26	<10	<10
I272710		0.92	1035	4	0.19	16	2010	318	1.83	6	2	9500	50	0.24	<10	<10
I272711		0.85	1130	14	0.33	16	1890	140	1.77	5	2	3350	20	0.21	<10	<10
I272712		0.80	1250	17	0.24	15	2330	150	2.05	<5	2	7450	60	0.29	<10	<10
I272713		0.54	1095	28	0.29	8	1670	352	1.90	6	1	7100	40	0.34	<10	<10
I272714		0.44	951	11	0.32	6	1450	306	1.70	8	2	3890	30	0.36	<10	<10
I272715		0.48	1025	6	0.26	6	1680	248	1.83	5	2	5980	40	0.32	<10	<10
I272716		0.52	834	16	0.33	6	1050	284	1.90	7	2	5240	30	0.33	<10	<10
I272717		0.42	701	15	0.29	8	2350	307	2.04	5	1	6280	30	0.29	<10	<10
I272718		0.41	699	4	0.28	8	1930	207	2.10	9	1	5660	30	0.31	<10	<10
I272719		0.49	866	27	0.23	7	1830	348	1.46	<5	1	1020	20	0.31	<10	<10
I272720		0.59	1055	42	0.25	10	2150	274	2.00	7	2	5480	40	0.30	<10	<10
I272721		0.54	1115	25	0.24	8	2000	313	1.62	12	2	4680	30	0.33	<10	<10
I272722		0.45	994	98	0.26	6	1650	324	2.33	8	2	4080	40	0.39	<10	<10
I272723		0.42	916	766	0.28	5	1610	361	2.02	11	2	5070	40	0.32	<10	<10
I272724		0.46	891	15	0.22	6	1750	317	1.82	7	1	6080	40	0.32	<10	<10
I272725		0.46	316	1	0.02	3	190	3	0.20	<5	1	441	<20	0.02	<10	<10
I272726		1.74	448	<1	3.42	74	950	52	3.01	<5	5	314	<20	0.54	<10	<10
I272727		0.46	846	65	0.27	8	2430	295	1.97	8	2	1250	20	0.36	<10	<10
I272728		0.54	959	4	0.26	12	2620	188	1.92	6	2	1110	20	0.28	<10	<10
I272729		0.46	921	21	0.29	12	2650	225	2.09	8	2	981	40	0.30	<10	<10
I272730		0.50	847	47	0.25	7	1860	206	1.63	6	2	2780	20	0.27	<10	<10
I272731		0.47	983	17	0.27	10	2750	215	1.81	<5	2	913	20	0.31	<10	<10
I272732		0.57	920	23	0.24	9	2080	292	1.64	14	2	3680	30	0.28	<10	<10
I272733		0.52	897	14	0.25	10	2310	388	1.87	13	2	3520	40	0.32	<10	<10
I272734		0.56	984	3	0.24	10	1980	160	1.73	14	2	1970	20	0.28	<10	<10
I272735		0.57	942	15	0.26	10	2580	248	1.59	13	3	5560	30	0.28	<10	<10
I272736		0.67	1115	8	0.31	11	1990	293	1.98	12	3	5740	30	0.34	<10	<10
I272737		0.67	985	127	0.30	11	2560	208	1.72	11	3	4040	30	0.29	<10	<10
I272738		0.60	907	84	0.28	12	2850	243	1.69	11	3	3680	30	0.27	<10	<10
I272739		0.67	1230	10	0.20	16	2160	349	1.75	18	3	1705	60	0.45	<10	<10
I272740		0.66	895	34	0.18	12	2630	208	1.98	9	6	1610	20	0.29	<10	<10

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KIRKLAND LAKE ON P2N 3L1

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Account: OSIKLI

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CERTIFICATE OF ANALYSIS VO14042654

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
I272701		95	60	23
I272702		79	40	131
I272703		85	40	160
I272704		80	50	219
I272705		61	50	197
I272706		65	40	287
I272707		76	30	290
I272708		87	30	181
I272709		96	40	143
I272710		86	30	133
I272711		102	40	272
I272712		102	50	198
I272713		93	50	145
I272714		99	50	113
I272715		86	50	174
I272716		96	50	190
I272717		86	50	257
I272718		89	50	188
I272719		87	50	180
I272720		85	50	244
I272721		87	50	244
I272722		110	60	306
I272723		97	60	380
I272724		102	70	244
I272725		7	<10	24
I272726		67	<10	96
I272727		108	70	210
I272728		100	80	220
I272729		122	70	138
I272730		89	50	161
I272731		95	70	131
I272732		94	70	198
I272733		107	80	275
I272734		117	80	192
I272735		127	100	329
I272736		156	120	180
I272737		165	110	114
I272738		188	70	182
I272739		221	140	159
I272740		193	100	152

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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
I272741		<0.5	6.41	38	660	1.9	<2	2.36	<0.5	6	29	217	2.72	40	4.16	210
I272742		<0.5	7.02	12	780	1.2	<2	1.69	<0.5	7	29	161	2.32	30	4.47	170
I272743		0.5	7.26	19	970	1.3	<2	1.42	<0.5	7	25	199	2.79	40	4.03	140
I272744		<0.5	6.91	19	910	0.9	<2	1.85	<0.5	7	27	174	2.37	30	4.52	150
I272745		<0.5	6.87	17	1460	1.2	<2	1.53	<0.5	7	25	240	2.42	40	4.22	170
I272746		0.5	7.32	35	880	1.7	<2	0.58	<0.5	12	28	184	4.06	40	3.83	410
I272748		0.5	7.12	17	1270	1.6	<2	0.42	<0.5	6	30	166	2.63	40	3.86	200
I272747		0.6	6.80	34	1080	1.5	3	0.78	<0.5	8	30	161	2.38	30	4.10	200
I272749		<0.5	7.64	27	1020	1.0	<2	0.63	<0.5	10	29	158	2.16	30	4.24	150
I272750		<0.5	0.45	<5	190	<0.5	<2	36.5	<0.5	<1	5	8	0.42	<10	0.34	10
I272751		<0.5	7.60	<5	140	3.8	<2	2.55	<0.5	22	79	41	3.47	20	4.16	10
I272752		<0.5	7.76	38	810	1.0	<2	1.57	<0.5	7	34	171	2.73	30	4.50	110
I272753		<0.5	6.49	33	870	1.0	<2	1.98	<0.5	6	27	109	2.50	30	3.90	100
I272754		0.9	6.68	25	940	1.1	2	2.58	<0.5	9	29	242	2.89	30	4.51	360
I272755		0.9	7.65	39	710	2.0	<2	0.89	<0.5	12	39	340	2.84	40	3.82	170
I272756		<0.5	7.64	33	1770	1.2	<2	0.65	<0.5	10	66	160	2.53	30	3.66	90
I272757		<0.5	7.45	33	880	1.0	<2	1.49	<0.5	10	50	151	2.52	30	4.14	170
I272758		<0.5	7.39	39	2140	1.6	<2	1.13	<0.5	12	62	152	3.27	40	3.57	170
I272759		0.6	6.91	65	500	1.5	<2	1.66	<0.5	15	52	215	3.78	30	4.27	520
I272760		<0.5	8.07	35	900	0.9	5	1.38	<0.5	10	24	168	2.83	30	4.24	240
I272761		<0.5	8.52	39	3430	1.1	<2	0.73	<0.5	6	19	255	2.32	30	4.40	180
I272762		0.7	8.37	30	>10000	1.3	<2	0.44	<0.5	5	55	193	2.39	40	4.11	140
I272763		<0.5	6.56	65	840	1.9	<2	2.30	<0.5	13	70	138	2.68	40	4.32	80
I272764		<0.5	6.85	57	1000	1.3	<2	2.03	<0.5	11	48	165	2.46	40	4.36	70
I272765		<0.5	6.53	43	1030	1.2	<2	2.43	<0.5	9	48	183	2.60	30	3.97	70
I272766		1.3	6.12	29	1050	1.2	2	2.69	<0.5	9	46	123	2.69	30	3.81	100
I272767		<0.5	6.80	30	980	1.3	<2	2.34	<0.5	8	44	213	2.63	30	4.50	90
I272810		<0.5	6.39	29	530	4.4	2	4.35	<0.5	27	138	104	5.24	30	4.36	40
I272811		<0.5	6.43	41	370	1.0	<2	3.76	<0.5	14	47	98	4.61	20	4.13	130
I272812		<0.5	6.65	48	710	0.8	<2	2.82	<0.5	9	15	78	4.22	20	4.30	110
I272813		<0.5	6.93	61	700	0.9	<2	2.74	<0.5	10	15	78	4.31	20	4.43	120
I272814		<0.5	7.07	111	830	0.8	<2	2.85	<0.5	10	17	137	4.39	20	4.65	100
I272815		<0.5	7.25	107	710	1.1	4	2.91	<0.5	11	16	300	4.67	20	4.92	150
I272816		<0.5	7.24	78	1460	1.9	<2	3.15	<0.5	11	16	172	4.72	20	4.75	130
I272817		<0.5	6.96	106	720	2.1	<2	3.20	<0.5	11	15	150	4.74	30	4.53	120
I272818		<0.5	6.86	63	880	1.8	<2	3.82	<0.5	12	15	240	4.88	20	4.18	240
I272819		<0.5	7.15	153	570	1.5	<2	3.61	<0.5	13	15	207	4.94	20	4.89	220
I272820		<0.5	6.92	83	1000	2.6	<2	3.43	<0.5	10	16	231	4.36	30	4.24	120
I272821		<0.5	6.86	103	840	1.2	<2	3.36	<0.5	12	15	138	4.28	20	4.44	170
I272822		1.9	6.80	96	820	1.3	9	3.31	<0.5	12	13	175	4.08	20	4.38	150

***** 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 VO14042654

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
I272741		0.70	958	58	0.24	13	2990	213	2.01	15	6	1815	40	0.32	<10	<10
I272742		0.49	888	3	0.29	12	1850	152	1.79	15	2	1120	20	0.30	<10	<10
I272743		0.39	733	7	0.26	13	1910	288	1.62	19	3	845	20	0.30	<10	<10
I272744		0.54	1095	2	0.24	13	1750	306	1.71	16	2	931	30	0.32	<10	<10
I272745		0.36	756	34	0.24	15	2820	249	1.37	17	4	962	40	0.30	<10	<10
I272746		0.02	517	47	0.26	32	3390	384	1.46	15	6	680	60	0.33	<10	<10
I272748		0.02	111	13	0.18	18	2420	248	1.27	17	4	503	30	0.29	<10	<10
I272747		0.03	131	49	0.21	17	3900	297	1.37	16	5	728	50	0.31	<10	<10
I272749		0.07	133	4	0.19	31	2480	279	1.79	17	2	528	20	0.30	10	<10
I272750		0.51	330	<1	0.02	3	240	9	0.20	8	1	453	<20	0.02	<10	<10
I272751		1.98	487	<1	3.24	86	1090	34	0.01	8	6	342	<20	0.59	<10	<10
I272752		0.36	727	3	0.24	16	2670	95	2.06	16	2	859	20	0.34	<10	<10
I272753		0.55	964	2	0.26	12	2280	184	1.96	15	2	975	20	0.29	<10	<10
I272754		0.72	1490	15	0.25	21	3260	522	1.82	15	4	1170	60	0.37	<10	<10
I272755		0.14	447	84	0.25	23	3370	432	1.98	14	5	883	40	0.33	<10	<10
I272756		0.18	253	9	0.20	25	2160	201	1.31	14	4	638	20	0.28	<10	<10
I272757		0.48	681	5	0.19	23	2340	239	1.60	15	4	1035	30	0.26	<10	<10
I272758		0.35	761	24	0.20	28	2570	268	1.17	14	6	1030	30	0.29	<10	<10
I272759		0.59	1340	4	0.23	41	3360	586	2.57	11	6	1330	60	0.33	<10	<10
I272760		0.40	688	4	0.23	21	1480	265	2.19	8	3	1005	30	0.34	<10	<10
I272761		0.21	338	24	0.20	16	1160	269	1.06	9	2	712	20	0.29	<10	<10
I272762		0.06	96	16	0.20	18	2600	394	0.42	15	3	689	30	0.28	<10	<10
I272763		0.96	703	115	0.22	25	3040	104	1.84	13	5	1465	20	0.24	<10	<10
I272764		0.80	711	75	0.19	21	2730	99	1.57	11	4	1170	20	0.21	<10	<10
I272765		0.78	823	2	0.20	17	2690	136	1.77	14	4	1425	20	0.24	<10	<10
I272766		1.08	919	6	0.19	20	2360	691	1.71	13	6	1790	30	0.25	<10	<10
I272767		0.90	893	3	0.22	17	2170	101	1.75	9	5	1760	20	0.25	<10	<10
I272810		2.17	1075	11	0.42	81	1110	37	2.81	12	18	2350	20	0.39	<10	<10
I272811		1.17	1325	8	0.43	30	1430	52	2.68	15	6	3130	30	0.36	<10	<10
I272812		0.69	1175	6	0.19	13	1570	63	2.56	16	3	1860	30	0.38	<10	<10
I272813		0.66	1130	16	0.22	14	1240	59	2.65	8	3	1875	30	0.39	<10	<10
I272814		0.66	1255	6	0.15	9	1200	54	2.40	11	4	2490	30	0.39	<10	<10
I272815		0.66	1275	14	0.20	11	1550	69	2.71	11	3	2330	40	0.42	<10	<10
I272816		0.70	1405	5	0.22	10	1570	103	1.81	13	4	2020	30	0.41	<10	<10
I272817		0.73	1495	5	0.22	10	1650	79	2.40	10	4	1840	30	0.40	<10	<10
I272818		0.84	1725	14	0.23	12	3450	121	2.16	8	4	3280	40	0.41	<10	<10
I272819		0.84	1610	14	0.21	12	3450	196	2.80	7	5	3840	50	0.43	<10	<10
I272820		0.73	1525	7	0.19	9	1700	73	1.96	10	5	2720	30	0.42	<10	<10
I272821		0.76	1565	8	0.19	9	2950	266	2.23	12	3	3570	40	0.40	<10	<10
I272822		0.71	1520	19	0.21	8	3240	969	2.16	11	3	5220	50	0.36	<10	<10

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P.O. BOX 996
KIRKLAND LAKE ON P2N 3L1

Finalized Date: 31-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042654

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
I272741		224	100	95
I272742		129	90	121
I272743		110	80	182
I272744		130	90	163
I272745		125	80	241
I272746		150	110	362
I272748		127	70	209
I272747		163	100	243
I272749		140	80	71
I272750		9	<10	12
I272751		78	<10	45
I272752		189	90	97
I272753		139	80	121
I272754		155	100	196
I272755		207	90	207
I272756		207	60	100
I272757		197	60	76
I272758		229	70	174
I272759		286	60	101
I272760		219	70	99
I272761		221	70	105
I272762		212	70	105
I272763		253	50	65
I272764		232	40	63
I272765		204	50	41
I272766		213	60	63
I272767		207	50	44
I272810		506	50	102
I272811		226	40	58
I272812		168	40	49
I272813		200	40	57
I272814		220	70	58
I272815		221	50	63
I272816		376	60	91
I272817		378	70	53
I272818		337	40	170
I272819		269	70	254
I272820		449	60	79
I272821		229	80	215
I272822		182	50	178

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KIRKLAND LAKE ON P2N 3L1

Finalized Date: 31-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042654

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
I272823		<0.5	7.46	95	1290	3.0	<2	2.13	<0.5	8	13	129	3.27	30	4.19	70
I272824		<0.5	8.71	60	5080	5.7	4	1.25	<0.5	3	7	84	2.36	50	4.09	80
I272825		<0.5	0.39	<5	40	<0.5	<2	39.0	<0.5	2	5	4	0.41	<10	0.24	<10
I272826		1.1	8.61	104	150	4.7	4	2.58	0.5	22	70	92	6.00	30	3.87	10
I272827		<0.5	8.19	60	2270	1.3	<2	1.22	<0.5	5	15	85	2.25	30	4.36	50
I272828		<0.5	8.16	57	2340	1.1	<2	1.04	<0.5	5	17	91	2.15	30	4.11	40
I272829		<0.5	7.77	44	3280	1.7	<2	2.41	<0.5	7	20	97	3.34	30	4.68	80
I272830		1.6	7.35	51	900	1.9	6	3.75	1.7	12	17	368	4.51	30	4.57	200
I272831		1.7	7.72	39	1680	1.4	5	3.34	<0.5	10	19	263	3.34	40	4.99	110
I272832		5.3	6.82	58	450	1.4	19	5.34	2.2	19	21	313	5.39	40	4.84	250
I272833		<0.5	7.06	43	1690	2.1	<2	3.99	<0.5	15	53	172	5.34	40	4.44	140
I272834		<0.5	7.27	64	500	1.7	<2	4.21	0.7	16	43	211	5.30	40	4.94	140
I272835		<0.5	7.25	56	1220	2.8	<2	3.97	<0.5	16	49	185	5.23	40	4.52	180
I272836		0.9	7.06	43	2150	2.8	9	4.06	<0.5	16	49	306	5.08	30	4.55	190
I272837		<0.5	7.27	53	2560	2.5	<2	4.83	<0.5	15	54	162	5.36	30	4.62	360
I272838		<0.5	7.30	48	1590	2.6	<2	4.71	<0.5	14	55	159	5.48	30	4.58	230
I272839		<0.5	7.05	38	1780	2.6	<2	4.79	<0.5	15	52	129	5.18	30	4.30	230
I272840		<0.5	6.86	44	1220	3.2	<2	5.05	<0.5	16	46	173	5.39	30	4.42	200
I272841		<0.5	6.87	38	1910	2.2	<2	4.40	<0.5	16	52	134	5.28	30	4.09	120
I272842		<0.5	6.80	34	2210	2.0	<2	4.53	<0.5	15	51	130	5.14	30	4.02	120
I272843		0.5	6.64	38	1120	4.0	3	4.96	<0.5	17	47	214	5.54	30	4.47	180
I272844		1.0	6.39	43	1010	4.1	8	4.57	<0.5	17	47	306	5.37	40	4.46	170
I272845		0.9	6.46	42	1150	3.2	3	4.52	<0.5	17	49	245	5.19	40	4.48	190
I272846		0.7	6.69	44	1220	2.5	<2	4.01	<0.5	13	45	209	4.73	40	5.07	130
I272847		0.8	6.60	22	1700	2.6	<2	3.74	0.5	13	50	247	4.84	40	4.83	150
I272848		2.7	6.42	20	1430	2.9	35	3.54	<0.5	18	37	621	5.50	40	4.50	250
I272849		2.6	6.55	21	1050	2.2	20	3.49	1.4	11	26	502	3.91	30	4.77	150
I272850		<0.5	0.35	5	90	<0.5	<2	35.4	<0.5	<1	4	4	0.39	<10	0.20	10
I272851		<0.5	8.28	<5	160	4.0	<2	2.65	<0.5	20	78	43	3.55	20	4.37	10

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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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 VO14042654

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
I272823		0.51	1245	18	0.23	5	1190	202	1.72	11	3	1730	30	0.36	<10	10
I272824		0.38	882	1	0.20	3	390	191	1.05	12	3	807	50	0.32	<10	<10
I272825		0.50	352	<1	0.02	<1	180	2	0.17	12	1	487	<20	0.02	<10	<10
I272826		1.88	486	<1	3.68	79	1050	58	3.16	8	6	354	<20	0.56	<10	<10
I272827		0.31	833	2	0.24	7	610	179	1.39	11	2	947	20	0.28	<10	10
I272828		0.28	755	<1	0.18	4	510	147	1.36	6	1	805	<20	0.27	<10	10
I272829		0.58	1310	<1	0.16	9	1750	198	1.23	12	3	1750	30	0.35	<10	10
I272830		0.98	1755	10	0.15	14	3250	1075	2.20	17	4	3170	50	0.45	<10	<10
I272831		0.95	1375	26	0.15	11	2320	988	1.67	10	4	2880	30	0.25	<10	<10
I272832		1.69	2400	25	0.18	15	4960	2680	2.66	16	6	5620	70	0.46	<10	<10
I272833		1.40	2080	2	0.25	26	2900	218	1.19	11	3	4390	40	0.47	<10	10
I272834		1.30	2050	20	0.16	21	3430	375	2.65	9	4	3600	40	0.48	<10	<10
I272835		1.37	1855	4	0.11	26	2370	149	1.66	7	4	3330	40	0.48	<10	<10
I272836		1.41	1810	3	0.09	27	2840	1115	1.02	6	4	4380	40	0.43	<10	<10
I272837		1.38	1760	2	0.09	26	2340	218	0.89	9	5	6500	50	0.45	<10	<10
I272838		1.36	1775	3	0.09	27	2430	137	1.12	8	7	5900	40	0.48	<10	<10
I272839		1.28	1735	1	0.09	26	2120	123	1.09	5	5	6180	50	0.45	<10	<10
I272840		1.30	1885	<1	0.09	25	3000	410	1.29	5	7	6650	60	0.46	<10	<10
I272841		1.33	1640	<1	0.09	25	1810	79	1.16	11	6	5060	40	0.45	<10	<10
I272842		1.36	1745	<1	0.09	25	1790	71	1.08	5	7	4570	40	0.45	<10	<10
I272843		1.51	2100	4	0.09	23	3660	777	1.36	<5	9	4870	50	0.46	<10	<10
I272844		1.63	2150	22	0.09	24	3000	1085	1.53	12	6	5520	50	0.44	<10	10
I272845		1.46	2090	6	0.10	24	3840	700	1.46	13	4	5950	50	0.46	<10	10
I272846		1.35	1890	8	0.12	21	3000	302	1.66	6	5	5650	40	0.43	<10	<10
I272847		1.42	1895	33	0.14	23	2570	301	1.23	8	3	4730	40	0.44	<10	<10
I272848		1.62	1825	3	0.18	23	4790	3110	1.03	<5	4	6550	60	0.40	<10	<10
I272849		1.01	1605	14	0.20	14	2660	2600	1.36	<5	3	4990	40	0.35	<10	<10
I272850		0.50	333	<1	0.02	4	180	9	0.17	6	1	446	<20	0.02	<10	<10
I272851		2.10	520	<1	3.40	87	1130	42	0.01	<5	6	356	<20	0.63	<10	<10

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KIRKLAND LAKE ON P2N 3L1

Finalized Date: 31-MAR-2014
Account: OSIKLI

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CERTIFICATE OF ANALYSIS VO14042654

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
I272823		409	60	232
I272824		676	30	273
I272825		8	<10	25
I272826		73	<10	105
I272827		144	70	385
I272828		131	60	183
I272829		281	40	167
I272830		379	50	1370
I272831		225	30	424
I272832		326	50	2160
I272833		478	20	348
I272834		363	60	429
I272835		438	20	227
I272836		402	10	266
I272837		398	<10	223
I272838		474	<10	202
I272839		399	10	186
I272840		452	<10	238
I272841		406	<10	194
I272842		444	<10	183
I272843		447	10	224
I272844		480	10	288
I272845		426	10	287
I272846		477	<10	256
I272847		460	<10	223
I272848		529	<10	260
I272849		312	10	790
I272850		7	<10	11
I272851		79	<10	48

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CERTIFICATE OF ANALYSIS VO14042654

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