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 SD14050161

Project: MU

P.O. No.: KL 000348

This report is for 86 Drill Core samples submitted to our lab in Sudbury, ON, 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 SD14050161

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
I276047		<0.5	7.40	<5	5610	6.6	2	3.18	<0.5	7	3	106	3.60	30	3.97	40
I276048		<0.5	8.20	<5	6470	7.7	4	3.04	<0.5	6	2	117	3.90	30	4.18	50
I276049		<0.5	7.83	<5	5480	7.1	2	3.60	<0.5	7	2	117	3.70	20	4.62	50
I276050		<0.5	0.39	<5	30	<0.5	<2	34.1	<0.5	<1	5	3	0.38	<10	0.22	<10
I275801		<0.5	7.84	<5	150	3.9	<2	2.56	<0.5	21	79	40	3.51	20	4.30	10
I275802		<0.5	7.90	<5	5920	7.5	4	3.44	<0.5	6	2	130	3.70	20	4.88	50
I275803		<0.5	7.09	6	2140	6.4	6	5.03	<0.5	14	119	90	4.70	20	4.13	40
I275804		<0.5	4.92	41	2300	4.1	4	10.75	<0.5	13	96	60	4.20	10	2.89	30
I275805		<0.5	8.81	64	3610	8.4	<2	2.26	<0.5	11	13	114	3.89	20	4.77	60
I275806		<0.5	7.97	72	3390	7.4	<2	3.53	<0.5	12	45	98	4.35	20	4.99	50
I275807		<0.5	7.58	43	2320	6.9	5	5.50	<0.5	23	205	109	5.72	20	4.73	30
I275808		<0.5	3.00	<5	2800	1.0	3	12.15	<0.5	8	29	3	3.31	<10	0.84	10
I275809		<0.5	9.93	7	3990	9.1	2	1.97	<0.5	9	2	133	4.07	30	4.23	80
I275810		<0.5	8.84	15	4790	8.3	<2	2.36	<0.5	7	3	111	3.98	30	4.35	60
I275811		<0.5	7.73	24	6500	6.3	4	3.26	<0.5	5	3	101	3.67	20	4.16	50
I275812		<0.5	7.83	10	6430	6.6	<2	3.04	<0.5	8	3	95	3.86	20	3.86	50
I275813		<0.5	7.83	8	5670	5.9	2	3.07	<0.5	8	2	102	3.64	20	4.09	50
I275814		<0.5	8.29	7	5840	6.5	3	3.02	<0.5	7	2	100	3.74	20	4.53	50
I275815		<0.5	8.55	<5	5400	6.4	<2	2.92	<0.5	7	2	113	3.71	20	4.66	50
I275816		<0.5	7.97	<5	6110	6.3	3	2.92	<0.5	7	3	98	3.67	20	4.04	40
I275817		<0.5	8.53	<5	6370	6.5	5	3.09	<0.5	6	3	98	3.85	30	4.37	50
I275818		<0.5	7.82	<5	5900	7.0	<2	3.17	<0.5	6	2	110	3.67	30	4.14	50
I275819		<0.5	8.66	<5	5730	6.5	5	3.46	<0.5	6	2	116	3.96	30	4.47	50
I275820		<0.5	8.55	5	5720	7.0	2	2.96	<0.5	8	2	116	3.95	30	4.25	50
I275821		<0.5	8.22	<5	5280	6.6	2	2.97	<0.5	6	2	114	3.78	30	4.05	50
I275822		<0.5	7.90	<5	6460	6.3	<2	3.25	<0.5	7	2	109	3.73	20	4.19	40
I275823		<0.5	7.99	<5	5790	6.7	<2	2.89	<0.5	7	2	111	3.70	20	4.12	50
I275824		<0.5	8.14	5	6860	6.4	3	2.62	<0.5	6	2	113	3.63	20	4.09	50
I275825		<0.5	0.36	<5	30	<0.5	<2	36.5	<0.5	<1	4	3	0.39	<10	0.20	10
I275826		0.9	7.79	82	140	4.4	12	2.33	<0.5	18	71	81	5.56	20	3.69	20
I275827		0.6	7.81	<5	6220	6.2	3	3.02	<0.5	7	2	109	3.78	30	4.18	50
I275828		<0.5	9.14	<5	4600	7.6	<2	2.13	<0.5	7	6	113	3.71	30	4.18	70
I275829		22.9	8.30	11	4410	6.4	3	3.15	<0.5	13	32	90	4.68	30	4.25	70
I275830		<0.5	6.77	69	2130	3.6	3	4.37	<0.5	26	251	69	5.17	20	4.15	60
I275831		<0.5	7.08	66	2270	3.8	2	5.12	<0.5	25	235	60	5.60	20	4.27	60
I275832		<0.5	7.23	16	2590	4.3	<2	4.33	<0.5	23	159	65	4.80	20	4.79	50
I275833		<0.5	6.72	<5	1990	3.0	<2	5.08	<0.5	22	193	58	5.26	20	3.50	60
I275834		<0.5	6.16	10	1600	2.7	3	4.91	<0.5	24	246	51	4.83	20	3.07	50
I275835		<0.5	6.56	8	1740	2.7	<2	4.86	<0.5	24	147	83	5.37	20	3.09	50
I275836		<0.5	6.96	12	2080	2.8	<2	4.48	<0.5	26	224	69	5.68	20	3.23	50

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Finalized Date: 11-APR-2014
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Project: MU

CERTIFICATE OF ANALYSIS SD14050161

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
I276047		0.60	1125	<1	1.16	5	830	62	0.09	<5	2	1250	20	0.38	<10	<10
I276048		0.79	1210	<1	0.68	4	1000	54	0.08	<5	3	1195	20	0.38	<10	<10
I276049		0.82	1245	<1	1.15	3	880	68	0.06	7	3	1200	20	0.39	10	<10
I276050		0.45	322	<1	0.02	3	180	<2	0.16	<5	1	420	<20	0.02	<10	<10
I275801		2.05	523	<1	3.34	86	1110	28	0.01	<5	6	342	<20	0.62	10	<10
I275802		0.78	1325	<1	2.00	4	860	24	0.14	6	3	1340	20	0.37	<10	<10
I275803		2.07	1180	<1	0.75	28	1290	5	0.53	5	16	1500	<20	0.41	<10	10
I275804		5.47	1100	<1	0.07	25	1170	119	0.70	8	16	2450	<20	0.26	10	<10
I275805		1.22	915	<1	1.13	18	1030	31	1.32	7	3	1015	20	0.38	<10	<10
I275806		1.53	1235	<1	1.39	18	1080	18	0.85	6	7	1655	<20	0.35	<10	<10
I275807		2.60	1030	<1	0.05	51	1670	<2	0.73	5	29	2340	<20	0.51	<10	<10
I275808		6.21	1050	<1	1.69	12	570	29	0.08	<5	5	4590	<20	0.08	10	<10
I275809		1.15	964	<1	1.37	6	960	58	1.17	5	3	1000	30	0.40	<10	<10
I275810		1.05	1155	<1	1.06	3	890	37	0.45	7	3	1230	20	0.36	10	<10
I275811		1.04	1420	<1	1.63	4	890	71	0.66	6	3	1305	20	0.34	<10	<10
I275812		0.88	1295	<1	1.40	3	870	81	0.82	<5	3	1195	20	0.35	<10	<10
I275813		0.64	1145	<1	1.80	1	800	43	0.76	<5	3	1265	20	0.36	<10	<10
I275814		0.67	1215	<1	1.71	4	880	49	0.19	<5	3	1230	20	0.37	<10	<10
I275815		0.63	1175	<1	1.94	3	920	37	0.20	<5	3	1205	20	0.37	<10	<10
I275816		0.59	1145	<1	1.15	3	830	15	0.06	<5	3	1205	20	0.36	<10	<10
I275817		0.62	1165	<1	1.41	3	920	34	0.06	<5	3	1360	20	0.39	10	<10
I275818		0.72	1320	<1	1.18	5	740	65	0.07	<5	3	1260	20	0.36	<10	<10
I275819		0.79	1410	<1	1.23	4	820	46	0.05	5	3	1480	20	0.39	<10	<10
I275820		0.66	1235	<1	0.93	3	930	50	0.05	<5	3	1330	20	0.39	10	<10
I275821		0.62	1230	<1	1.06	3	850	50	0.03	<5	3	1255	20	0.37	10	<10
I275822		0.59	1235	<1	0.72	3	880	49	0.07	5	3	1365	20	0.36	<10	<10
I275823		0.67	1135	<1	0.92	4	870	49	0.07	<5	3	1040	20	0.37	<10	<10
I275824		0.66	1110	<1	1.10	5	820	41	0.06	5	3	994	20	0.37	<10	<10
I275825		0.45	328	<1	0.02	3	190	<2	0.16	<5	1	442	<20	0.02	10	<10
I275826		1.77	453	<1	3.48	76	980	52	2.96	<5	5	321	<20	0.54	<10	<10
I275827		0.85	1275	<1	1.88	2	890	77	0.06	<5	2	1105	20	0.38	<10	<10
I275828		1.16	991	<1	0.55	5	960	58	0.07	6	3	973	20	0.37	<10	<10
I275829		1.84	1365	<1	0.02	16	2010	72	0.20	6	6	1525	20	0.28	10	10
I275830		2.30	1550	1	0.07	48	2380	33	0.62	<5	19	1610	20	0.28	10	<10
I275831		2.85	1425	<1	0.14	54	2440	13	0.63	<5	18	1785	20	0.28	<10	<10
I275832		2.27	1165	<1	0.43	45	2100	47	0.27	<5	14	1420	20	0.29	10	10
I275833		2.26	1220	<1	1.27	45	2600	24	0.09	<5	16	1520	20	0.30	<10	<10
I275834		2.26	1170	<1	1.28	47	2700	30	0.13	<5	18	1410	<20	0.30	<10	<10
I275835		2.37	1240	<1	1.54	40	2140	35	0.09	<5	22	1440	20	0.35	<10	<10
I275836		2.53	1205	<1	1.25	45	2640	16	0.17	<5	21	1420	20	0.34	<10	<10

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CERTIFICATE OF ANALYSIS SD14050161

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
I276047		216	<10	128
I276048		241	<10	145
I276049		211	<10	146
I276050		7	<10	14
I275801		80	<10	46
I275802		204	<10	117
I275803		202	<10	97
I275804		137	<10	106
I275805		218	<10	139
I275806		205	<10	109
I275807		239	10	100
I275808		32	<10	83
I275809		236	<10	161
I275810		223	<10	146
I275811		205	<10	142
I275812		218	<10	175
I275813		201	<10	127
I275814		225	10	128
I275815		219	<10	111
I275816		208	10	111
I275817		228	<10	118
I275818		211	<10	124
I275819		211	<10	127
I275820		219	<10	134
I275821		211	<10	127
I275822		215	<10	140
I275823		214	<10	124
I275824		214	<10	122
I275825		6	<10	18
I275826		69	<10	105
I275827		222	<10	145
I275828		213	<10	114
I275829		130	<10	126
I275830		152	<10	103
I275831		163	<10	111
I275832		144	<10	132
I275833		153	<10	106
I275834		151	<10	95
I275835		183	<10	105
I275836		200	<10	134

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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
I275837		<0.5	6.76	9	2130	3.0	<2	4.41	<0.5	27	246	68	5.24	20	3.23	50
I275838		<0.5	6.94	6	2640	3.8	2	3.87	<0.5	22	221	78	4.63	20	4.14	50
I275839		<0.5	7.18	<5	3020	4.4	2	3.89	<0.5	18	73	93	4.76	20	4.76	50
I275840		<0.5	7.21	10	2650	4.9	<2	4.38	<0.5	26	194	78	5.66	20	4.66	60
I275841		<0.5	7.79	<5	7700	5.7	<2	3.05	<0.5	8	12	163	3.86	20	4.24	50
I275842		<0.5	8.03	<5	5520	6.5	<2	2.98	<0.5	7	6	103	3.75	30	5.26	50
I275843		<0.5	8.44	<5	5150	6.5	<2	2.82	<0.5	9	3	115	3.71	30	5.33	50
I275844		<0.5	8.24	<5	5320	6.6	<2	3.43	<0.5	9	2	115	3.76	20	5.68	50
I275845		<0.5	8.44	<5	4820	6.7	<2	2.57	<0.5	8	2	117	3.80	30	4.46	50
I275846		<0.5	8.85	<5	5480	6.6	2	2.59	<0.5	8	2	115	3.86	30	4.53	60
I275847		<0.5	8.25	<5	5410	6.4	<2	2.93	<0.5	9	3	112	3.76	30	4.54	50
I275848		<0.5	8.58	<5	5470	7.1	<2	2.27	<0.5	8	2	118	3.77	30	4.05	60
I275849		<0.5	7.75	<5	5530	7.1	<2	3.73	<0.5	8	2	113	3.63	30	4.05	50
I275850		<0.5	0.41	<5	30	<0.5	<2	35.1	<0.5	<1	5	2	0.39	<10	0.23	<10
I275851		<0.5	7.82	<5	140	3.8	<2	2.63	<0.5	21	82	43	3.53	30	4.40	10
I275852		<0.5	9.08	<5	5790	7.1	<2	2.17	<0.5	8	3	107	3.73	30	5.12	70
I275853		<0.5	7.52	<5	4690	6.7	<2	4.10	<0.5	13	29	122	4.59	20	4.87	60
I275854		<0.5	7.84	7	2870	10.1	<2	3.42	<0.5	13	20	112	4.71	30	5.49	80
I275855		<0.5	8.53	7	2800	11.0	<2	2.51	<0.5	14	10	119	5.22	30	4.90	90
I275856		<0.5	7.72	7	2790	6.8	3	3.44	<0.5	15	30	110	4.64	20	5.14	80
I275857		<0.5	7.62	<5	6720	7.6	<2	3.88	<0.5	8	5	124	4.64	30	4.79	70
I275858		<0.5	7.70	<5	4600	8.5	<2	3.41	<0.5	13	4	120	4.42	30	4.47	80
I275859		<0.5	7.85	<5	2900	7.9	<2	3.11	<0.5	10	4	109	4.52	30	5.25	80
I275860		<0.5	7.49	5	4060	7.5	<2	3.66	<0.5	11	4	116	4.48	30	4.93	80
I275861		<0.5	7.95	<5	5490	10.4	<2	3.07	<0.5	11	5	118	4.52	30	4.88	70
I275862		<0.5	7.83	6	5690	8.2	<2	3.41	<0.5	8	4	120	4.44	30	4.53	80
I275863		<0.5	7.55	<5	5610	9.5	<2	3.35	<0.5	10	4	108	4.50	30	4.59	70
I275864		<0.5	6.77	<5	1600	6.4	<2	4.81	<0.5	23	99	84	5.22	20	3.53	40
I275865		<0.5	6.60	<5	1280	5.4	<2	4.90	<0.5	19	124	67	4.82	20	3.43	30
I275866		<0.5	7.09	7	1300	4.7	<2	4.90	<0.5	20	113	71	4.90	20	3.07	40
I275867		<0.5	6.71	<5	1260	4.1	<2	4.35	<0.5	19	101	72	4.37	20	2.66	40
I275868		<0.5	6.69	<5	1110	2.9	<2	4.87	<0.5	21	122	71	4.84	20	2.75	30
I275869		<0.5	6.83	<5	1040	3.1	2	5.04	<0.5	22	126	73	5.11	20	3.02	30
I275870		<0.5	7.00	<5	1060	3.1	<2	5.47	<0.5	22	121	76	5.16	20	3.08	30
I275871		<0.5	6.80	<5	1060	2.1	<2	5.31	<0.5	22	118	67	5.11	20	2.95	30
I275872		<0.5	6.91	<5	1090	2.5	<2	5.15	<0.5	23	119	71	5.16	20	2.94	30
I275873		<0.5	6.81	<5	1270	2.7	<2	5.11	<0.5	22	114	71	5.13	20	2.78	30
I275874		<0.5	6.84	<5	1710	2.1	<2	4.47	<0.5	15	119	38	4.19	20	2.51	40
I275875		<0.5	0.40	<5	20	<0.5	<2	36.6	<0.5	<1	5	3	0.43	<10	0.22	<10
I275876		1.2	7.93	91	140	4.4	8	2.43	<0.5	21	68	85	5.66	30	3.82	10

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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: 11-APR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS SD14050161

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
I275837		2.39	1110	<1	1.34	56	2910	15	0.12	<5	18	1430	20	0.28	<10	<10
I275838		2.01	967	<1	1.04	47	2660	29	0.10	<5	15	1280	20	0.31	<10	<10
I275839		2.09	1080	<1	0.75	31	1740	33	0.07	<5	9	1320	20	0.30	<10	<10
I275840		2.25	1265	<1	0.38	44	2370	28	0.10	<5	15	1600	20	0.33	<10	<10
I275841		1.04	1190	<1	1.16	5	1390	162	0.11	<5	3	1290	20	0.36	10	<10
I275842		0.78	1180	<1	2.13	4	1360	55	0.05	<5	3	1060	20	0.38	<10	<10
I275843		0.67	1110	<1	2.16	4	870	52	0.05	<5	3	1160	20	0.39	<10	<10
I275844		0.71	1185	<1	1.92	4	930	49	0.05	<5	3	1450	20	0.39	<10	<10
I275845		0.73	1120	<1	1.57	3	770	42	0.04	<5	3	1160	20	0.38	<10	<10
I275846		0.77	1165	<1	1.63	4	900	50	0.06	<5	3	1090	20	0.39	<10	<10
I275847		0.78	1255	<1	1.38	6	830	63	0.04	<5	3	1240	20	0.38	<10	<10
I275848		0.78	1065	<1	0.51	3	900	60	0.06	<5	3	896	20	0.36	<10	<10
I275849		0.76	1290	<1	0.70	1	840	51	0.12	<5	3	1150	20	0.34	10	<10
I275850		0.49	317	<1	0.02	4	170	2	0.16	<5	1	423	<20	0.02	<10	<10
I275851		2.03	513	<1	3.39	87	1120	33	0.01	<5	6	340	<20	0.61	10	<10
I275852		0.98	989	<1	0.65	5	780	44	0.17	<5	3	721	30	0.34	<10	<10
I275853		1.38	1515	<1	0.68	14	1580	68	0.13	<5	7	1230	20	0.38	<10	<10
I275854		1.58	1590	<1	0.02	12	1600	32	0.19	<5	8	1070	30	0.36	10	<10
I275855		1.55	1425	<1	0.02	12	1530	29	0.15	<5	7	865	30	0.37	<10	<10
I275856		1.37	1255	<1	0.02	16	1820	25	0.22	<5	9	961	20	0.37	<10	<10
I275857		1.17	2040	<1	0.02	8	1430	107	0.13	<5	5	914	20	0.40	<10	<10
I275858		1.23	1810	2	0.02	6	1370	51	0.11	<5	5	824	30	0.38	<10	<10
I275859		1.15	1705	<1	0.02	7	1470	31	0.15	<5	5	746	20	0.36	<10	<10
I275860		1.26	1865	<1	0.01	6	1240	56	0.18	<5	5	838	20	0.37	<10	<10
I275861		1.04	1410	<1	0.10	6	1200	28	0.29	<5	5	809	20	0.42	<10	<10
I275862		1.11	1500	<1	0.53	5	1210	60	0.15	<5	5	971	20	0.40	<10	<10
I275863		1.19	1295	<1	0.51	4	1240	35	0.13	8	4	1050	20	0.41	<10	<10
I275864		2.29	1185	<1	0.87	31	1460	18	0.08	<5	17	1500	<20	0.32	<10	<10
I275865		2.27	1115	<1	1.45	34	1480	11	0.03	<5	20	1470	<20	0.32	<10	<10
I275866		2.45	1090	<1	2.00	38	1490	10	0.22	<5	19	1560	<20	0.29	<10	<10
I275867		2.25	991	<1	2.13	37	1330	14	0.26	<5	17	1490	<20	0.26	<10	<10
I275868		2.36	1090	<1	1.98	39	1400	13	0.04	<5	20	1410	<20	0.28	<10	<10
I275869		2.40	1105	<1	1.95	38	1480	8	0.03	<5	21	1440	<20	0.31	<10	<10
I275870		2.64	1075	<1	1.98	35	1500	11	0.02	6	22	1590	<20	0.31	<10	10
I275871		2.56	1145	<1	1.94	34	1440	9	0.02	<5	21	1620	<20	0.32	<10	<10
I275872		2.54	1085	<1	2.01	36	1460	14	0.03	7	22	1700	<20	0.32	<10	<10
I275873		2.43	1060	<1	2.27	34	1460	25	0.03	<5	21	1890	<20	0.29	<10	<10
I275874		2.41	952	<1	2.43	45	1150	25	0.05	5	15	1740	<20	0.24	<10	<10
I275875		0.56	335	<1	0.03	4	190	<2	0.19	<5	1	438	<20	0.02	<10	<10
I275876		1.83	469	<1	3.59	78	990	59	3.08	<5	6	326	<20	0.54	<10	<10

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KIRKLAND LAKE ON P2N 3L1

Finalized Date: 11-APR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS SD14050161

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
I275837		175	<10	119
I275838		176	<10	112
I275839		195	<10	112
I275840		194	<10	141
I275841		197	<10	108
I275842		224	<10	119
I275843		210	<10	124
I275844		214	<10	127
I275845		230	<10	123
I275846		225	<10	123
I275847		223	<10	132
I275848		225	<10	127
I275849		223	<10	130
I275850		6	<10	13
I275851		80	<10	45
I275852		226	<10	126
I275853		233	<10	136
I275854		285	10	127
I275855		273	<10	141
I275856		252	<10	126
I275857		394	<10	166
I275858		436	<10	139
I275859		435	<10	131
I275860		294	<10	136
I275861		281	<10	139
I275862		331	<10	156
I275863		292	<10	127
I275864		203	<10	121
I275865		189	<10	82
I275866		179	<10	90
I275867		160	<10	81
I275868		163	<10	79
I275869		178	<10	84
I275870		187	<10	84
I275871		175	<10	81
I275872		176	<10	85
I275873		171	<10	78
I275874		151	<10	73
I275875		7	<10	7
I275876		71	<10	96

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CERTIFICATE OF ANALYSIS SD14050161

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
I275877		<0.5	6.77	<5	1650	2.1	3	4.07	<0.5	17	119	45	4.20	20	2.54	30
I275878		<0.5	7.26	<5	1550	4.9	2	4.51	<0.5	20	104	72	4.74	20	3.16	40
I275879		<0.5	7.05	<5	1290	2.8	<2	4.87	<0.5	20	106	66	4.68	20	3.00	30
I275880		<0.5	6.70	<5	2520	4.3	<2	4.37	<0.5	16	72	69	4.51	20	3.59	40
I275881		<0.5	7.37	<5	4340	5.2	<2	4.72	<0.5	17	20	157	5.48	30	4.09	80
I275882		<0.5	6.99	<5	4020	5.6	<2	4.93	<0.5	19	26	111	5.52	20	3.84	70

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CERTIFICATE OF ANALYSIS SD14050161

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
I275877		2.20	869	<1	2.54	42	1190	27	0.06	<5	15	1610	<20	0.25	<10	<10
I275878		2.23	1095	<1	2.30	37	1390	21	0.14	<5	16	1840	<20	0.31	<10	10
I275879		2.34	1095	<1	2.19	36	1320	24	0.05	<5	18	1850	<20	0.28	<10	<10
I275880		1.86	1240	1	1.76	29	1640	50	0.23	<5	11	1630	<20	0.31	<10	<10
I275881		1.47	1555	<1	1.54	15	2580	53	0.11	<5	12	1640	30	0.47	<10	<10
I275882		1.58	1705	<1	1.69	20	2390	38	0.12	5	12	1720	30	0.40	<10	<10

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CERTIFICATE OF ANALYSIS SD14050161

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
I275877		157	<10	72
I275878		181	<10	85
I275879		163	<10	80
I275880		186	<10	90
I275881		256	10	135
I275882		237	10	131

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CERTIFICATE OF ANALYSIS SD14050161

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: FND-02 ME-ICP61