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 SD14052597

Project: MU

P.O. No.: KL 000348

This report is for 115 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 SD14052597

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
I275162		<0.5	7.23	15	1540	3.7	2	3.32	<0.5	34	86	106	7.33	20	4.60	40
I275163		<0.5	7.39	8	1600	4.1	4	3.09	<0.5	31	86	110	7.27	20	4.75	40
I275164		<0.5	7.19	11	1690	5.1	<2	4.97	<0.5	32	81	108	7.37	20	4.88	40
I275165		<0.5	6.41	8	3260	2.9	2	4.96	<0.5	26	82	184	6.30	20	4.35	40
I275166		<0.5	7.00	<5	2260	2.3	<2	5.81	<0.5	26	83	64	5.55	20	4.96	40
I275167		<0.5	6.67	5	2320	3.7	3	5.01	<0.5	23	80	79	5.64	20	3.96	40
I275168		<0.5	6.61	8	3080	2.5	<2	6.44	<0.5	14	46	76	4.58	20	4.07	50
I275169		<0.5	6.82	<5	2510	2.7	2	6.20	<0.5	16	42	112	4.76	20	4.23	50
I275170		<0.5	5.56	16	1840	2.6	<2	8.13	<0.5	22	36	57	5.20	20	4.06	40
I275171		<0.5	6.65	6	2340	2.3	<2	6.02	<0.5	13	42	56	4.49	20	3.92	50
I275172		<0.5	6.62	<5	2510	2.1	<2	6.43	<0.5	10	41	50	4.36	10	4.13	50
I275173		<0.5	6.02	<5	2060	1.4	<2	7.04	<0.5	12	37	53	4.14	10	4.20	40
I275174		<0.5	6.79	12	2270	1.7	3	5.86	<0.5	18	39	62	4.80	10	4.41	50
I275175		<0.5	0.36	<5	10	<0.5	<2	36.4	<0.5	<1	5	2	0.38	<10	0.21	<10
I275176		<0.5	7.77	<5	140	3.8	2	2.60	<0.5	21	80	42	3.48	20	4.36	10
I275177		<0.5	6.43	12	2310	1.6	<2	6.13	<0.5	13	37	86	5.14	10	4.22	50
I275178		<0.5	6.14	17	2290	2.0	<2	6.83	<0.5	17	36	63	5.11	10	4.16	50
I275179		<0.5	5.28	22	1880	2.4	<2	9.02	<0.5	20	33	32	4.14	10	4.01	30
I275180		<0.5	6.24	29	2030	1.5	2	5.67	<0.5	22	44	50	4.22	10	4.25	50
I275181		<0.5	5.87	18	3290	2.0	<2	6.93	<0.5	16	38	42	4.91	10	4.04	40
I275182		<0.5	5.83	14	2390	2.3	<2	6.95	<0.5	23	48	72	5.35	20	4.09	40
I275183		<0.5	6.71	8	1490	3.8	<2	6.40	<0.5	20	55	65	6.20	30	4.81	40
I275184		<0.5	6.38	6	1780	2.4	<2	5.13	<0.5	25	46	41	6.83	20	4.40	40
I275185		<0.5	6.11	10	1710	1.3	<2	5.95	<0.5	17	37	68	4.73	20	4.18	50
I275186		<0.5	6.13	16	1610	1.8	<2	6.34	<0.5	22	34	22	4.78	20	4.43	50
I275187		<0.5	6.27	21	1750	1.6	<2	6.16	<0.5	19	36	35	4.58	20	4.46	50
I275188		<0.5	6.58	7	1620	1.7	<2	5.02	<0.5	22	38	48	4.86	20	4.12	50
I275189		<0.5	6.70	5	1460	2.5	<2	5.92	<0.5	15	36	41	4.45	20	4.25	50
I275190		<0.5	6.25	12	1560	2.4	<2	5.40	<0.5	21	34	47	4.23	10	4.10	50
I275191		<0.5	6.55	<5	1500	1.8	<2	5.24	<0.5	19	38	47	4.61	20	4.29	50
I275192		<0.5	6.38	8	1630	1.2	<2	4.89	<0.5	18	38	37	4.40	10	4.42	40
I275193		<0.5	6.37	11	1790	1.8	<2	4.27	<0.5	17	43	81	4.83	20	4.39	40
I275194		<0.5	6.64	<5	1710	1.4	<2	5.54	<0.5	17	36	50	4.70	10	4.40	50
I275195		<0.5	6.49	7	1760	0.9	<2	5.39	<0.5	13	37	57	4.65	20	4.66	50
I275196		<0.5	6.32	<5	1620	1.6	<2	5.43	<0.5	16	34	62	4.89	20	4.34	50
I275197		<0.5	6.40	<5	1580	2.7	<2	6.03	<0.5	15	31	65	4.70	10	4.10	50
I275198		<0.5	6.60	<5	1880	1.9	<2	5.10	<0.5	13	41	57	4.89	20	4.60	50
I275199		<0.5	6.48	21	1930	1.5	2	5.26	<0.5	20	37	53	4.60	20	4.25	50
I275200		<0.5	0.32	<5	20	<0.5	2	36.2	<0.5	<1	4	2	0.39	<10	0.18	<10
I275201		0.9	7.50	100	140	4.3	<2	2.36	<0.5	19	69	84	5.68	20	3.68	10

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CERTIFICATE OF ANALYSIS SD14052597

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
I275162		1.84	1215	<1	0.56	28	2160	14	0.03	<5	30	438	<20	0.37	<10	<10
I275163		1.83	1180	<1	0.46	27	2220	9	0.02	7	30	462	<20	0.36	<10	<10
I275164		2.11	1295	<1	0.40	28	2150	19	0.04	6	29	738	<20	0.43	<10	<10
I275165		1.55	1345	1	0.35	23	1750	119	0.09	5	25	817	<20	0.36	<10	<10
I275166		1.55	1365	<1	2.11	27	2170	18	0.03	8	21	683	<20	0.37	<10	<10
I275167		1.83	1170	<1	0.90	27	1980	8	0.07	6	21	728	<20	0.36	<10	<10
I275168		2.41	1410	<1	0.27	19	1950	22	0.27	9	19	741	<20	0.27	<10	<10
I275169		2.39	1400	<1	0.23	17	1960	39	0.09	8	18	749	20	0.26	<10	<10
I275170		3.28	1445	<1	0.19	25	1600	32	0.56	<5	17	909	<20	0.20	10	<10
I275171		2.27	1270	<1	0.32	14	1890	16	0.15	9	19	722	<20	0.25	<10	<10
I275172		2.36	1350	<1	0.28	15	1860	29	0.13	5	18	685	<20	0.22	<10	<10
I275173		2.71	1165	<1	0.15	15	1590	20	0.15	<5	15	750	<20	0.19	<10	10
I275174		2.24	1015	<1	0.10	18	1930	12	0.53	<5	18	689	<20	0.22	<10	<10
I275175		0.44	316	<1	0.02	5	170	3	0.17	<5	1	439	<20	0.02	<10	<10
I275176		2.03	500	<1	3.34	88	1100	35	0.01	<5	6	338	<20	0.60	<10	<10
I275177		2.42	1275	<1	0.09	15	1860	14	0.27	6	17	741	<20	0.21	<10	<10
I275178		2.78	1415	<1	0.10	13	1740	13	0.50	6	17	782	<20	0.20	<10	<10
I275179		3.85	1225	<1	0.11	18	1260	29	0.60	6	16	940	<20	0.21	<10	<10
I275180		2.27	1050	<1	0.10	20	1720	17	1.02	7	15	611	<20	0.18	<10	<10
I275181		2.82	1355	<1	0.08	17	1640	17	0.71	6	17	769	<20	0.17	<10	<10
I275182		2.93	1420	<1	0.08	18	1660	16	0.72	6	19	690	<20	0.21	<10	<10
I275183		3.50	1255	<1	0.09	36	1680	19	0.15	11	24	570	<20	0.33	<10	<10
I275184		3.52	1240	<1	0.07	48	1560	15	0.15	12	17	502	<20	0.21	<10	<10
I275185		2.61	1225	<1	0.10	18	1730	12	0.27	12	16	603	<20	0.21	<10	<10
I275186		2.97	1230	<1	0.09	20	1620	14	0.49	13	15	720	<20	0.22	<10	10
I275187		2.72	1095	<1	0.09	17	1700	16	0.60	15	16	719	<20	0.22	<10	10
I275188		2.62	1090	<1	0.21	26	1640	11	0.28	8	15	548	<20	0.22	<10	<10
I275189		2.59	1140	<1	0.09	14	1670	12	0.11	14	16	562	<20	0.23	<10	10
I275190		2.28	1050	<1	0.08	13	1570	11	0.48	13	15	512	<20	0.24	<10	<10
I275191		2.25	971	<1	0.10	15	1700	14	0.30	15	15	482	<20	0.26	<10	10
I275192		1.98	1010	<1	0.11	12	1700	9	0.48	12	15	526	<20	0.24	10	<10
I275193		1.86	918	<1	0.11	16	1760	14	0.33	13	14	461	<20	0.24	<10	<10
I275194		2.35	1070	<1	0.10	12	1730	15	0.25	15	16	634	<20	0.24	<10	<10
I275195		2.09	1025	<1	0.11	12	1700	16	0.10	13	15	675	<20	0.24	<10	<10
I275196		2.39	1060	<1	0.10	14	1580	18	0.13	15	15	620	<20	0.25	<10	<10
I275197		2.73	1070	<1	0.10	14	1560	16	0.08	13	15	685	<20	0.24	<10	<10
I275198		2.20	955	<1	0.11	14	1570	16	0.05	14	16	677	<20	0.24	10	<10
I275199		2.24	970	<1	0.11	14	1560	22	0.25	19	15	732	<20	0.22	<10	10
I275200		0.50	312	<1	0.02	2	200	<2	0.17	<5	1	430	<20	0.02	<10	<10
I275201		1.77	440	<1	3.51	75	990	58	3.07	5	5	318	<20	0.55	<10	<10

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CERTIFICATE OF ANALYSIS SD14052597

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
I275162		246	20	104
I275163		253	10	100
I275164		260	10	107
I275165		180	20	98
I275166		183	10	88
I275167		205	20	87
I275168		170	20	65
I275169		171	20	57
I275170		207	20	83
I275171		151	20	53
I275172		158	20	48
I275173		133	20	60
I275174		168	30	62
I275175		6	<10	7
I275176		78	<10	45
I275177		185	30	70
I275178		192	30	65
I275179		148	20	70
I275180		133	30	54
I275181		165	20	72
I275182		207	20	83
I275183		273	30	139
I275184		276	20	189
I275185		166	20	79
I275186		169	10	86
I275187		160	10	74
I275188		167	10	102
I275189		159	10	70
I275190		158	20	61
I275191		165	20	71
I275192		150	20	64
I275193		190	20	80
I275194		154	20	72
I275195		142	30	60
I275196		166	20	78
I275197		159	20	74
I275198		176	20	69
I275199		155	20	65
I275200		6	<10	19
I275201		70	<10	95

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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
I275202		<0.5	6.19	15	1710	1.5	<2	6.27	<0.5	15	35	47	4.78	10	4.41	50
I275203		<0.5	6.32	7	1870	1.4	<2	5.93	<0.5	14	40	70	4.90	20	4.22	50
I275204		<0.5	6.80	14	1950	1.1	<2	5.61	<0.5	15	44	56	4.69	10	4.51	50
I275205		<0.5	6.65	<5	2020	1.3	<2	5.36	<0.5	11	47	82	5.09	20	5.06	50
I275206		<0.5	6.44	14	1920	1.4	<2	5.17	<0.5	16	46	53	4.84	20	4.83	50
I275207		<0.5	6.47	<5	1720	1.6	<2	5.35	<0.5	13	43	72	4.85	20	4.38	50
I275208		<0.5	6.54	<5	1750	1.9	<2	4.89	<0.5	21	48	69	5.19	20	4.83	50
I275209		<0.5	6.39	<5	1520	2.2	<2	5.21	<0.5	17	40	58	4.65	20	4.61	50
I275210		<0.5	6.48	<5	1490	2.1	<2	5.50	<0.5	13	37	72	4.76	20	4.30	50
I275211		<0.5	6.69	<5	1540	2.1	<2	6.31	<0.5	13	40	65	4.73	20	4.38	50
I275212		<0.5	6.49	<5	1520	1.6	<2	5.66	<0.5	12	41	63	4.57	20	4.42	50
I275213		<0.5	6.19	<5	1560	1.5	<2	6.03	<0.5	12	40	65	4.51	10	4.39	50
I275214		<0.5	6.41	<5	1690	1.4	<2	5.78	<0.5	16	39	64	4.83	10	4.25	50
I275215		<0.5	6.43	<5	1810	1.4	<2	5.67	<0.5	14	39	74	4.64	20	4.49	50
I275216		<0.5	6.26	18	1740	1.4	<2	6.10	<0.5	16	39	34	4.63	10	4.42	50
I275217		<0.5	5.83	24	1660	1.7	4	7.60	<0.5	13	35	36	4.58	20	4.37	50
I275218		<0.5	5.97	<5	1590	1.3	<2	6.85	<0.5	11	37	51	4.39	10	4.43	50
I275219		<0.5	6.21	5	1710	1.8	3	6.99	<0.5	14	40	65	4.28	10	3.98	50
I275220		<0.5	5.97	14	1400	2.0	5	7.70	<0.5	17	37	45	4.49	10	4.04	50
I275221		<0.5	6.25	7	1520	1.1	<2	6.65	<0.5	17	39	72	4.44	10	4.14	50
I275222		<0.5	6.42	8	1560	0.9	3	5.55	<0.5	18	39	80	3.94	10	4.01	50
I275223		<0.5	6.39	9	1550	1.8	3	5.20	<0.5	18	42	66	4.58	20	4.10	50
I275224		<0.5	6.37	5	1740	1.0	2	6.11	<0.5	13	38	50	4.71	10	3.92	50
I275225		<0.5	0.35	6	20	<0.5	<2	35.8	<0.5	<1	4	2	0.36	<10	0.21	<10
I275226		<0.5	7.64	<5	140	3.7	2	2.51	<0.5	22	78	39	3.42	20	4.35	10
I275227		<0.5	6.74	5	1840	1.3	<2	5.53	<0.5	14	43	51	4.93	20	4.23	50
I275228		<0.5	6.77	8	1850	2.3	<2	5.79	<0.5	18	42	56	4.37	20	4.25	50
I275229		<0.5	6.86	<5	1860	2.6	2	6.31	<0.5	13	42	114	4.66	20	4.16	50
I275230		<0.5	6.54	9	2190	2.5	4	6.83	<0.5	12	38	76	4.69	20	4.28	50
I275231		<0.5	6.55	12	1790	2.0	<2	6.31	<0.5	15	39	62	4.60	20	3.89	50
I275232		<0.5	6.43	11	1700	1.8	4	6.36	<0.5	13	37	47	4.25	20	4.09	50
I275233		<0.5	5.95	27	1400	3.4	<2	5.92	<0.5	22	176	79	5.34	20	4.08	50
I275234		<0.5	6.38	7	1570	1.7	<2	5.93	<0.5	13	38	82	4.30	20	3.98	50
I275235		<0.5	6.44	5	1640	1.7	<2	5.65	<0.5	10	40	95	4.14	20	4.08	50
I275236		<0.5	6.70	15	1480	2.5	<2	5.76	<0.5	18	40	43	4.66	20	3.96	50
I275237		<0.5	6.89	7	1530	2.9	4	5.54	<0.5	17	39	56	5.16	20	4.14	50
I275238		<0.5	6.83	9	1540	2.4	<2	5.17	<0.5	16	41	52	5.04	20	4.17	50
I275239		<0.5	6.46	9	1800	2.1	<2	5.21	<0.5	14	40	47	4.43	10	4.20	50
I275240		<0.5	7.02	10	1880	2.9	<2	5.87	<0.5	18	42	58	5.39	20	4.10	50
I275241		<0.5	6.68	17	1860	2.9	<2	7.25	<0.5	16	39	56	4.97	20	4.20	50

***** 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 SD14052597

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
I275202		2.59	1050	<1	0.10	13	1550	20	0.21	16	15	814	<20	0.22	<10	<10
I275203		2.52	1040	<1	0.10	16	1570	18	0.24	14	16	843	<20	0.22	<10	<10
I275204		2.29	942	<1	0.11	14	1640	18	0.20	17	17	735	<20	0.25	<10	<10
I275205		2.27	1050	<1	0.11	19	1670	16	0.02	16	17	773	<20	0.27	<10	10
I275206		2.07	951	<1	0.10	13	1660	15	0.24	16	16	683	<20	0.25	<10	<10
I275207		2.33	1095	<1	0.09	12	1570	15	0.03	13	16	724	<20	0.26	<10	<10
I275208		2.35	1035	<1	0.09	17	1750	20	0.10	13	16	556	<20	0.25	<10	<10
I275209		2.46	1110	<1	0.38	15	1650	39	0.02	17	15	563	<20	0.25	<10	<10
I275210		2.71	1125	<1	0.23	19	1590	19	0.01	13	16	606	<20	0.26	<10	<10
I275211		2.66	1210	<1	0.09	15	1640	20	0.11	12	18	684	20	0.27	<10	<10
I275212		2.30	1010	<1	0.10	12	1580	23	0.50	10	17	611	<20	0.25	<10	10
I275213		2.47	1005	<1	0.09	13	1570	24	0.25	13	16	687	<20	0.26	<10	10
I275214		2.45	1080	<1	0.09	14	1550	23	0.64	11	16	692	<20	0.23	<10	10
I275215		2.39	987	<1	0.09	15	1570	32	0.49	17	16	718	<20	0.26	<10	<10
I275216		2.73	1100	<1	0.21	12	1440	13	0.42	15	18	938	<20	0.23	<10	<10
I275217		3.29	1255	<1	0.08	10	1450	13	0.26	13	15	1015	<20	0.20	<10	<10
I275218		2.97	1225	<1	0.08	12	1470	14	0.06	17	15	930	<20	0.22	<10	<10
I275219		3.16	1230	<1	0.08	18	1480	14	0.08	9	15	986	<20	0.25	<10	<10
I275220		3.52	1345	<1	0.07	19	1390	12	0.16	6	14	1040	<20	0.22	<10	<10
I275221		2.64	1165	<1	0.08	15	1490	11	0.09	10	15	923	<20	0.24	10	<10
I275222		2.08	1075	<1	0.09	15	1550	10	0.15	13	15	772	<20	0.26	<10	<10
I275223		2.02	990	<1	0.09	20	1570	11	0.12	12	15	630	<20	0.25	<10	10
I275224		2.31	1055	<1	0.10	15	1530	10	0.10	13	15	707	<20	0.22	<10	10
I275225		0.46	317	<1	0.02	5	200	<2	0.15	<5	1	428	<20	0.02	<10	<10
I275226		1.99	474	<1	3.31	83	1080	33	0.01	<5	6	326	<20	0.58	<10	<10
I275227		2.12	1110	<1	0.10	15	1670	26	0.15	14	16	679	<20	0.22	<10	<10
I275228		2.51	989	<1	0.09	17	1570	17	0.44	10	17	695	20	0.25	<10	<10
I275229		2.89	1090	<1	0.09	17	1590	11	0.06	15	17	745	20	0.26	<10	<10
I275230		3.09	1215	<1	0.08	17	1540	12	0.09	12	16	844	20	0.26	<10	<10
I275231		2.84	1095	<1	0.09	18	1510	12	0.17	9	16	738	<20	0.23	<10	<10
I275232		2.67	1105	<1	0.15	16	1550	13	0.25	11	15	776	20	0.23	<10	<10
I275233		3.49	1200	<1	0.07	171	1300	13	0.25	6	16	825	<20	0.28	<10	<10
I275234		2.63	1040	<1	0.08	18	1510	13	0.22	8	15	760	<20	0.24	<10	<10
I275235		2.36	905	<1	0.09	14	1550	14	0.30	12	16	699	<20	0.26	<10	10
I275236		2.53	1070	<1	0.08	18	1530	15	0.75	10	17	631	<20	0.23	<10	<10
I275237		2.74	1000	<1	0.07	22	1640	10	0.15	12	17	623	<20	0.22	<10	10
I275238		2.49	1060	<1	0.08	18	1630	14	0.13	8	17	551	<20	0.23	<10	<10
I275239		2.39	934	<1	0.07	16	1520	9	0.24	10	16	629	<20	0.19	10	10
I275240		3.00	1165	<1	0.07	22	1640	12	0.38	9	18	707	<20	0.19	<10	10
I275241		3.27	1180	<1	0.08	15	1570	16	0.58	6	18	941	<20	0.19	10	<10

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

Finalized Date: 11-APR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS SD14052597

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
I275202		150	30	61
I275203		179	40	71
I275204		146	30	68
I275205		183	30	76
I275206		201	30	62
I275207		187	30	74
I275208		194	30	95
I275209		167	20	77
I275210		159	30	80
I275211		180	30	67
I275212		161	30	58
I275213		154	30	64
I275214		163	30	66
I275215		150	30	64
I275216		154	40	70
I275217		157	30	58
I275218		150	30	54
I275219		152	30	66
I275220		167	30	65
I275221		147	40	47
I275222		117	40	45
I275223		190	40	55
I275224		155	40	45
I275225		6	<10	9
I275226		76	<10	44
I275227		155	30	52
I275228		175	30	71
I275229		209	30	82
I275230		194	30	77
I275231		206	30	75
I275232		155	30	61
I275233		162	30	121
I275234		150	40	71
I275235		141	30	60
I275236		165	30	68
I275237		176	30	87
I275238		175	30	82
I275239		153	20	71
I275240		178	20	100
I275241		157	20	80

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CERTIFICATE OF ANALYSIS SD14052597

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
I275242		<0.5	5.74	17	1460	2.2	<2	8.60	<0.5	13	28	39	4.07	20	3.93	40
I275243		<0.5	6.60	25	1740	1.2	2	6.66	<0.5	14	29	22	3.10	10	4.11	40
I275244		<0.5	6.97	22	2010	2.4	<2	5.29	<0.5	19	39	53	4.35	20	4.03	50
I275245		<0.5	7.15	14	1950	3.4	<2	4.77	<0.5	18	49	80	4.73	20	4.39	40
I275246		<0.5	6.76	12	1780	2.1	2	4.64	<0.5	14	47	79	4.09	20	3.92	40
I275247		<0.5	7.10	16	2060	2.0	2	4.99	<0.5	13	41	62	3.84	20	4.47	50
I275248		<0.5	7.15	38	2110	2.1	<2	5.04	<0.5	19	46	148	4.60	20	4.32	50
I275249		<0.5	6.63	35	1720	1.5	5	5.67	<0.5	20	45	34	3.88	10	4.02	40
I275250		<0.5	0.40	6	20	<0.5	3	35.8	<0.5	<1	5	3	0.41	<10	0.23	<10
I275251		1.1	8.09	95	140	4.3	7	2.42	<0.5	19	69	81	5.60	20	3.71	10
I275252		<0.5	5.49	30	1350	1.6	<2	7.58	<0.5	14	59	26	3.68	10	3.83	30
I275253		<0.5	6.30	62	1220	1.7	2	5.48	<0.5	20	60	54	4.16	10	4.20	40
I275254		<0.5	6.89	50	1460	2.4	<2	5.71	<0.5	19	108	79	4.70	20	4.19	40
I275255		<0.5	5.66	32	1020	1.5	4	6.76	<0.5	12	84	39	3.70	10	4.45	20
I275256		<0.5	6.22	26	1120	2.5	2	7.38	<0.5	16	91	51	4.34	10	4.38	30
I275257		<0.5	6.58	18	1360	2.5	<2	6.20	<0.5	18	106	66	4.79	10	4.28	30
I275258		<0.5	6.79	14	1460	2.4	5	5.57	<0.5	19	118	85	4.99	20	4.32	30
I275259		<0.5	6.65	16	1340	2.5	4	6.27	<0.5	20	95	70	5.00	10	4.86	30
I275260		<0.5	7.01	25	1450	2.9	2	5.20	<0.5	27	131	81	5.30	20	4.32	30
I275261		<0.5	6.56	16	1520	2.2	<2	6.07	<0.5	17	82	61	3.91	10	4.50	30
I275262		<0.5	4.91	7	1470	4.0	<2	10.05	<0.5	8	46	25	3.47	10	4.23	30
I275263		<0.5	4.43	8	1270	2.3	5	10.50	<0.5	7	43	33	4.25	10	5.52	30
I275264		<0.5	7.27	37	1920	4.9	<2	5.11	<0.5	29	153	358	6.58	20	4.09	40
I275265		<0.5	6.46	26	1610	2.6	<2	6.15	<0.5	19	101	88	4.87	20	4.50	30
I275266		<0.5	6.05	16	1410	4.8	<2	6.99	<0.5	19	53	58	5.42	30	4.08	40
I275267		<0.5	6.00	11	1430	3.3	<2	6.42	<0.5	15	85	73	4.16	10	4.28	30
I275268		<0.5	7.32	19	1820	4.2	<2	5.35	<0.5	23	142	102	5.14	20	4.26	40
I275269		<0.5	7.32	20	1890	4.6	<2	4.59	<0.5	25	160	76	5.83	20	4.55	40
I275270		<0.5	7.53	30	1910	4.6	<2	5.07	<0.5	30	132	105	5.36	20	4.66	40
I275271		<0.5	5.86	19	1350	4.0	5	7.88	<0.5	17	69	40	4.25	10	3.92	30
I275272		<0.5	6.90	27	1620	5.1	<2	6.73	<0.5	25	137	104	5.39	20	4.37	40
I275273		<0.5	6.26	41	1510	6.8	4	7.63	<0.5	37	135	85	6.67	20	4.35	30
I275274		<0.5	5.98	9	1410	2.5	5	8.71	<0.5	12	64	29	3.98	10	4.53	30
I275275		<0.5	0.39	<5	20	<0.5	<2	38.0	<0.5	<1	5	4	0.40	<10	0.22	<10
I275276		<0.5	8.01	<5	150	4.0	<2	2.63	<0.5	22	76	41	3.61	20	4.41	10

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KIRKLAND LAKE ON P2N 3L1

Finalized Date: 11-APR-2014
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CERTIFICATE OF ANALYSIS SD14052597

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
I275242		3.81	1215	<1	0.16	15	1090	32	0.42	7	11	965	<20	0.15	<10	<10
I275243		2.79	916	1	0.15	10	1130	28	0.55	6	10	747	<20	0.18	10	10
I275244		2.47	949	<1	0.09	21	1450	14	0.76	5	13	714	<20	0.20	<10	<10
I275245		2.36	1010	<1	0.08	26	1590	13	0.14	8	15	599	<20	0.28	<10	10
I275246		2.21	964	<1	0.09	21	1390	12	0.12	6	13	603	<20	0.20	10	<10
I275247		2.26	887	<1	0.10	19	1450	18	0.25	<5	13	658	<20	0.21	<10	10
I275248		2.48	963	<1	0.10	28	1490	17	0.85	<5	13	710	<20	0.20	10	<10
I275249		2.50	1025	<1	0.10	23	1340	18	0.92	<5	14	724	<20	0.18	<10	<10
I275250		0.55	317	<1	0.02	3	160	<2	0.17	<5	1	427	<20	0.02	<10	<10
I275251		1.77	457	<1	3.50	77	970	53	2.96	5	5	323	<20	0.52	<10	<10
I275252		3.39	1145	<1	0.09	25	960	18	0.37	7	11	911	<20	0.14	<10	10
I275253		2.37	777	<1	0.15	27	1190	81	2.46	<5	12	726	<20	0.14	<10	<10
I275254		2.80	1065	<1	0.10	34	1420	15	0.98	9	18	758	<20	0.20	10	10
I275255		2.95	863	<1	0.10	27	860	14	0.66	11	13	805	<20	0.14	<10	10
I275256		3.47	1095	<1	0.09	31	980	10	0.54	8	15	928	<20	0.17	<10	<10
I275257		3.05	1110	<1	0.08	34	1070	10	0.34	9	16	812	<20	0.21	10	<10
I275258		2.76	1155	<1	0.08	39	1100	9	0.20	10	17	695	<20	0.23	<10	10
I275259		3.09	1270	<1	0.08	37	1010	6	0.22	14	16	745	<20	0.20	<10	<10
I275260		2.85	1035	1	0.12	45	1240	9	0.29	9	20	671	<20	0.24	10	10
I275261		2.59	999	<1	0.15	30	1140	7	0.10	11	15	899	<20	0.17	10	<10
I275262		4.61	1280	<1	0.15	17	1010	30	0.02	9	10	1260	<20	0.12	10	<10
I275263		4.61	1410	<1	0.13	19	730	15	0.03	6	8	1390	<20	0.09	10	10
I275264		2.91	979	1	0.07	57	1530	14	0.83	11	21	814	<20	0.24	<10	<10
I275265		2.81	1110	<1	0.10	37	1120	10	0.44	14	15	886	<20	0.21	<10	10
I275266		3.03	1175	<1	0.09	36	1150	16	0.23	7	11	959	<20	0.19	<10	<10
I275267		2.54	1080	<1	0.10	24	1030	19	0.17	8	15	825	<20	0.21	10	10
I275268		2.50	976	1	0.09	42	1560	22	0.20	9	20	701	<20	0.26	<10	<10
I275269		2.28	966	<1	0.14	43	1440	15	0.19	10	21	639	<20	0.28	10	10
I275270		2.40	1190	<1	0.12	49	1580	20	0.31	11	23	661	<20	0.31	<10	10
I275271		3.48	1010	<1	0.12	30	1040	27	0.15	6	12	1000	<20	0.15	<10	<10
I275272		2.91	1395	<1	0.09	44	1450	24	0.22	8	21	906	<20	0.25	<10	10
I275273		3.33	1640	<1	0.07	64	1380	19	0.42	14	21	1155	<20	0.24	<10	<10
I275274		3.75	1255	<1	0.15	26	1050	26	0.06	9	12	1110	<20	0.17	<10	<10
I275275		0.48	333	<1	0.02	4	200	<2	0.16	<5	1	461	<20	0.02	<10	<10
I275276		2.09	499	<1	3.42	86	1160	32	0.01	<5	6	350	<20	0.62	<10	10

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KIRKLAND LAKE ON P2N 3L1

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CERTIFICATE OF ANALYSIS SD14052597

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
I275242		135	10	72
I275243		88	10	53
I275244		149	20	75
I275245		165	20	80
I275246		130	20	69
I275247		136	20	65
I275248		149	10	89
I275249		114	10	62
I275250		7	<10	26
I275251		69	<10	97
I275252		120	10	61
I275253		82	10	52
I275254		177	20	89
I275255		114	10	61
I275256		148	10	77
I275257		145	10	85
I275258		159	20	87
I275259		158	20	97
I275260		201	20	102
I275261		144	10	68
I275262		66	10	57
I275263		83	10	58
I275264		252	20	121
I275265		150	20	84
I275266		241	30	84
I275267		147	20	62
I275268		215	30	97
I275269		218	20	105
I275270		282	30	97
I275271		195	20	68
I275272		293	20	87
I275273		456	30	88
I275274		167	20	61
I275275		8	<10	21
I275276		82	<10	46

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Project: MU

CERTIFICATE OF ANALYSIS SD14052597

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

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

Applies to Method: FND-02 ME-ICP61