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: 22-MAR-2014
Account: OSIKLI

CERTIFICATE VO14041863

Project: MU

P.O. No.: KL 000347

This report is for 124 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 VO14041863

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
H750862		<0.5	6.18	17	980	0.7	4	2.57	<0.5	21	17	151	4.07	20	3.82	50
H750863		<0.5	6.44	40	1280	1.1	7	1.04	<0.5	8	26	195	2.29	30	3.93	130
H750864		0.6	6.21	40	800	1.3	<2	0.65	<0.5	7	23	257	1.62	30	3.83	100
H750865		0.9	6.49	49	2460	1.2	3	0.19	<0.5	8	24	331	1.81	30	4.01	120
H750866		0.7	7.01	43	7300	2.1	2	0.53	<0.5	8	27	188	2.03	30	4.25	90
H750867		<0.5	6.24	53	1020	1.1	<2	1.17	<0.5	6	27	183	2.12	30	3.86	80
H750868		<0.5	5.97	57	890	1.5	4	2.35	<0.5	5	26	203	2.16	30	3.84	100
H750869		<0.5	6.02	38	1060	1.2	4	2.07	<0.5	6	28	291	2.09	30	4.00	60
H750870		0.8	6.07	63	740	1.1	2	0.96	<0.5	7	30	267	2.00	30	3.99	80
H750871		<0.5	6.35	51	630	3.5	<2	0.58	<0.5	8	30	186	1.87	30	4.08	130
H750872		0.5	6.59	67	700	1.3	3	0.45	<0.5	8	26	213	2.07	30	3.93	100
H750873		1.3	7.34	91	1260	2.1	<2	0.49	<0.5	8	31	325	2.81	30	4.40	130
H750874		0.5	6.26	74	510	1.4	4	0.96	<0.5	7	27	225	2.31	30	3.85	90
H750875		<0.5	0.34	<5	100	<0.5	5	33.5	<0.5	1	4	6	0.37	<10	0.22	10
H750876		<0.5	7.54	5	180	3.8	<2	2.54	<0.5	22	80	42	3.45	20	4.33	10
H750877		0.7	5.55	39	650	1.2	4	1.74	<0.5	6	24	235	2.11	30	3.89	90
H750878		0.6	6.22	48	900	1.0	4	0.56	<0.5	7	23	199	1.86	30	3.93	50
H750879		0.6	5.76	52	690	1.1	2	1.85	<0.5	6	27	134	2.09	30	3.96	40
H750880		<0.5	5.71	46	690	0.9	<2	1.41	<0.5	5	27	138	1.94	30	3.95	80
H750881		0.8	6.28	53	790	1.2	4	0.82	<0.5	9	24	317	1.87	30	4.12	950
H750882		<0.5	6.06	36	760	1.1	<2	0.76	<0.5	7	30	214	1.86	30	4.15	160
H750883		<0.5	7.14	39	800	1.7	4	0.25	<0.5	8	25	172	1.82	30	4.09	240
H750884		0.6	6.82	55	5640	1.6	6	0.04	<0.5	7	27	264	1.72	30	4.71	140
H750885		<0.5	6.95	28	5450	0.7	3	0.02	<0.5	4	11	225	1.43	30	3.98	240
H750886		<0.5	7.35	42	5270	0.5	2	0.13	<0.5	6	14	102	2.25	30	4.53	210
H750887		0.5	7.38	35	5050	0.8	4	0.09	<0.5	5	15	190	2.26	30	4.33	150
H750888		1.1	7.60	43	7260	1.3	7	0.06	<0.5	7	17	330	3.15	30	4.27	130
H750889		1.2	6.98	46	5660	0.8	5	0.03	<0.5	4	32	216	1.63	30	4.37	80
H750890		1.2	7.16	30	9910	0.6	4	0.04	<0.5	2	17	230	1.96	30	4.18	140
H750891		1.5	7.57	45	7320	0.9	<2	0.08	<0.5	17	25	301	2.48	30	4.14	90
H750892		1.5	7.31	40	7000	0.7	5	0.19	<0.5	4	34	540	1.87	30	4.48	180
H750893		0.7	7.30	34	5950	1.2	4	0.04	<0.5	7	30	295	2.07	30	4.13	130
H750894		0.7	6.12	27	6280	0.7	3	0.02	<0.5	<1	17	200	1.53	30	4.05	140
H750895		1.1	5.41	24	6520	0.6	<2	0.03	<0.5	1	29	130	1.18	20	4.07	80
H750896		0.6	7.51	41	6570	1.2	3	0.05	<0.5	6	31	241	1.91	30	4.11	220
H750897		0.8	7.86	45	6760	1.3	6	0.04	<0.5	6	28	209	1.95	30	4.41	160
H750898		0.5	7.55	42	8530	1.4	2	0.03	<0.5	6	25	182	1.69	30	4.15	110
H750899		0.6	7.13	39	8320	1.1	3	0.03	<0.5	5	27	185	1.92	30	4.20	130
H750900		<0.5	0.43	<5	80	<0.5	6	34.2	<0.5	<1	5	6	0.43	<10	0.28	10
H750901		0.8	7.51	91	180	4.4	8	2.33	<0.5	21	70	90	5.62	20	3.84	10

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Finalized Date: 22-MAR-2014
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CERTIFICATE OF ANALYSIS VO14041863

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
H750862		0.94	1175	6	1.73	16	1360	62	1.69	<5	13	628	<20	0.36	10	<10
H750863		0.24	601	6	0.25	15	2180	174	1.24	5	2	764	20	0.23	10	<10
H750864		0.10	206	34	0.19	11	2200	232	1.34	<5	2	677	40	0.26	10	<10
H750865		0.02	110	12	0.14	13	1360	191	0.85	10	2	456	30	0.26	10	<10
H750866		0.07	210	6	0.26	14	2340	111	0.48	9	2	593	30	0.20	10	<10
H750867		0.32	480	12	0.16	16	2070	150	1.23	<5	2	753	20	0.26	<10	<10
H750868		0.75	881	13	0.22	11	2050	106	1.56	12	2	1895	20	0.27	10	<10
H750869		0.61	818	12	0.26	12	2110	160	1.54	9	2	1025	20	0.25	10	<10
H750870		0.16	492	13	0.19	14	2530	238	1.78	45	2	527	30	0.27	<10	<10
H750871		0.06	428	8	0.22	14	2310	166	1.69	16	2	509	40	0.25	10	<10
H750872		0.01	50	7	0.13	17	2440	161	1.54	46	2	464	20	0.23	10	<10
H750873		0.01	316	10	0.13	20	2790	206	1.32	67	2	466	40	0.26	<10	<10
H750874		0.14	706	10	0.14	16	2910	201	1.95	43	2	556	30	0.26	<10	<10
H750875		0.42	313	1	0.02	<1	180	5	0.17	6	1	434	<20	0.02	10	<10
H750876		1.97	506	1	3.33	85	1110	34	0.01	5	6	334	<20	0.61	<10	<10
H750877		0.44	823	47	0.15	10	2450	330	1.62	8	2	700	20	0.24	<10	<10
H750878		0.12	327	98	0.13	12	1380	251	1.26	10	2	408	20	0.25	<10	<10
H750879		0.54	883	16	0.21	9	2260	314	1.63	13	1	1035	20	0.24	10	<10
H750880		0.39	664	5	0.19	11	1890	165	1.50	6	1	929	<20	0.25	<10	<10
H750881		0.20	395	6	0.15	21	2250	382	1.36	<5	2	768	90	0.31	10	<10
H750882		0.15	318	6	0.19	13	1910	169	1.46	12	2	580	30	0.26	<10	<10
H750883		0.01	56	13	0.15	15	1620	198	1.63	11	2	531	30	0.33	<10	<10
H750884		0.01	207	16	0.09	8	1140	223	0.29	14	2	779	30	0.27	<10	<10
H750885		0.01	58	29	0.11	7	690	382	0.30	9	2	400	40	0.35	<10	<10
H750886		0.01	38	13	0.12	9	1090	264	0.68	12	1	479	30	0.34	10	<10
H750887		0.01	88	12	0.11	11	1120	247	0.13	13	1	465	30	0.33	10	<10
H750888		0.02	297	32	0.11	22	1700	990	0.50	11	2	626	30	0.32	10	<10
H750889		0.02	92	200	0.10	9	840	304	0.14	6	2	489	20	0.25	10	<10
H750890		0.02	178	8	0.09	8	810	200	0.21	7	1	543	30	0.27	<10	<10
H750891		0.05	1305	14	0.13	21	1160	193	0.15	6	2	404	20	0.29	<10	<10
H750892		0.04	181	10	0.11	10	1140	372	0.17	7	3	376	30	0.27	<10	<10
H750893		0.02	607	16	0.11	14	1010	145	0.11	12	2	373	20	0.26	10	<10
H750894		0.01	190	55	0.08	6	650	248	0.12	10	2	352	30	0.29	10	<10
H750895		0.01	116	36	0.07	8	880	333	0.12	<5	2	536	20	0.22	10	<10
H750896		0.05	457	16	0.11	25	1220	184	0.11	5	3	512	40	0.30	<10	<10
H750897		0.02	235	14	0.10	20	1250	229	0.12	6	3	532	30	0.30	10	<10
H750898		0.02	254	14	0.09	18	1220	376	0.17	6	2	760	30	0.24	<10	<10
H750899		0.02	299	12	0.09	13	1350	267	0.15	8	2	802	30	0.29	<10	<10
H750900		0.54	321	<1	0.02	1	210	6	0.18	<5	2	422	<20	0.02	<10	<10
H750901		1.74	452	1	3.52	77	990	54	3.03	5	5	318	<20	0.55	10	<10

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KIRKLAND LAKE ON P2N 3L1

Finalized Date: 22-MAR-2014
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Project: MU

CERTIFICATE OF ANALYSIS VO14041863

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H750862		124	610	105
H750863		99	70	161
H750864		94	70	151
H750865		97	60	189
H750866		85	50	168
H750867		95	80	148
H750868		100	70	114
H750869		100	70	171
H750870		107	70	188
H750871		101	50	193
H750872		91	50	176
H750873		110	60	238
H750874		101	60	150
H750875		7	<10	20
H750876		81	<10	46
H750877		89	50	143
H750878		85	40	106
H750879		84	40	135
H750880		81	40	141
H750881		96	50	138
H750882		88	60	149
H750883		106	60	167
H750884		97	50	72
H750885		94	60	30
H750886		98	50	15
H750887		93	50	34
H750888		113	70	84
H750889		116	70	51
H750890		95	50	57
H750891		109	60	108
H750892		126	50	81
H750893		101	50	79
H750894		85	50	25
H750895		76	60	27
H750896		101	60	68
H750897		102	70	64
H750898		94	60	58
H750899		101	70	63
H750900		7	<10	17
H750901		70	<10	96

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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
H750902		<0.5	7.48	45	7240	1.3	<2	0.11	<0.5	9	27	165	1.90	30	4.30	140
H750903		0.6	7.73	44	7750	1.3	<2	0.05	<0.5	11	35	173	1.97	30	4.31	130
H750904		0.6	7.19	42	8710	1.2	<2	0.18	<0.5	6	29	207	2.06	30	3.96	140
H750905		0.9	7.30	45	2260	1.3	<2	0.29	<0.5	12	48	436	2.97	30	4.14	170
H750906		1.0	6.45	42	6640	1.2	<2	0.04	<0.5	10	40	251	2.08	30	4.32	190
H750907		0.9	7.05	39	4690	1.7	<2	0.04	<0.5	8	29	202	1.66	30	4.42	130
H750908		0.9	7.61	28	6490	1.0	<2	0.04	<0.5	3	30	181	1.68	30	4.78	130
H750909		0.8	7.01	39	6400	1.1	<2	0.03	<0.5	1	27	133	1.65	30	3.10	160
H750910		1.0	6.12	35	6790	0.9	<2	0.03	<0.5	1	28	117	1.39	30	4.72	110
H750911		1.0	6.55	42	>10000	0.9	<2	0.04	<0.5	3	29	172	1.49	30	4.30	80
H750912		0.9	6.12	46	>10000	0.9	2	0.03	<0.5	3	29	180	1.66	30	3.94	650
H750913		0.6	5.77	41	8600	0.8	<2	0.03	<0.5	2	30	150	1.35	20	4.01	590
H750914		1.1	6.88	69	9430	1.6	<2	0.06	<0.5	3	46	237	2.43	30	4.67	340
H750915		1.9	7.44	83	7680	1.5	<2	0.06	<0.5	6	36	250	2.84	30	4.52	460
H750916		1.3	7.16	53	9140	1.4	<2	0.03	<0.5	5	33	193	2.06	30	4.76	390
H750917		0.8	7.41	64	9160	2.0	<2	0.08	<0.5	12	27	246	2.83	30	4.52	420
H750918		0.5	7.35	55	6380	6.7	<2	0.27	<0.5	9	34	184	2.58	30	4.47	80
H750919		0.5	7.46	55	5620	1.3	2	0.19	<0.5	7	31	146	1.69	30	4.67	110
H750920		0.5	6.79	45	1780	1.6	<2	0.43	<0.5	6	28	211	1.49	30	4.11	70
H750921		<0.5	7.13	53	1260	2.3	<2	0.22	<0.5	6	27	372	2.14	30	4.33	100
H750922		0.6	7.09	66	5880	2.5	<2	0.09	<0.5	8	26	242	2.32	30	4.27	140
H750923		0.8	7.56	52	7400	1.5	<2	0.05	<0.5	6	33	209	2.36	30	4.40	190
H750924		1.1	7.32	38	6810	1.9	<2	0.04	<0.5	5	31	179	1.73	30	4.57	150
H750925		<0.5	0.34	<5	40	<0.5	<2	35.8	<0.5	1	5	4	0.38	<10	0.20	10
H750926		<0.5	8.14	<5	150	4.0	<2	2.62	<0.5	24	80	42	3.50	20	4.39	10
H750927		0.7	7.27	32	4880	1.9	<2	0.24	<0.5	5	30	162	1.67	30	4.39	110
H750928		0.8	7.07	36	6110	1.9	<2	0.04	<0.5	2	27	143	1.45	30	4.61	220
H750929		0.5	7.60	39	6120	1.2	<2	0.16	<0.5	5	25	175	1.93	30	4.42	80
H750930		0.7	6.59	35	840	0.8	<2	0.83	<0.5	6	26	233	1.94	30	4.58	120
H750931		0.6	6.16	32	540	1.0	<2	1.79	<0.5	8	29	322	2.53	30	4.25	90
H750932		0.8	6.46	31	550	0.8	<2	1.39	<0.5	8	39	279	2.41	30	4.37	80
H750933		0.9	7.47	37	6120	1.2	<2	0.08	<0.5	11	36	269	3.01	30	4.32	180
H750934		0.9	6.38	39	5080	1.0	<2	0.07	<0.5	4	36	235	1.69	20	4.34	180
H750935		0.8	6.56	39	1030	0.8	<2	0.22	<0.5	9	35	312	2.19	30	4.68	190
H750936		0.7	6.28	98	4300	1.7	<2	0.10	<0.5	10	168	209	3.94	20	4.24	140
H750937		1.2	7.34	44	570	1.2	<2	0.36	0.7	12	48	391	2.10	30	4.40	250
H750938		0.5	6.90	112	520	2.9	<2	0.70	<0.5	23	338	266	4.30	30	4.24	180
H750939		1.1	5.92	41	1940	1.2	3	2.70	<0.5	14	47	580	3.41	20	4.32	300
H750940		0.6	4.62	29	710	0.9	2	0.26	0.5	8	58	219	1.80	20	3.77	130
H750941		0.8	6.20	38	6270	1.2	2	0.09	<0.5	7	75	173	1.81	20	3.91	110

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

Finalized Date: 22-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14041863

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
H750902		0.02	351	9	0.10	20	1530	266	0.13	6	2	826	30	0.29	<10	<10
H750903		0.02	403	7	0.10	19	1420	223	0.13	16	2	727	30	0.29	<10	<10
H750904		0.02	499	9	0.09	12	1700	241	0.35	11	2	830	30	0.26	<10	<10
H750905		0.03	467	9	0.10	25	2560	213	0.79	13	4	757	40	0.28	<10	<10
H750906		0.02	536	10	0.10	21	1440	285	0.12	12	3	664	40	0.28	<10	<10
H750907		0.02	336	11	0.10	16	1010	277	0.07	15	2	404	30	0.26	<10	<10
H750908		0.02	386	13	0.12	14	1210	361	0.11	5	2	551	20	0.28	<10	<10
H750909		0.02	187	15	0.11	10	1450	366	0.11	8	3	836	30	0.28	<10	<10
H750910		0.02	201	8	0.10	7	1120	202	0.12	6	2	623	20	0.22	<10	<10
H750911		0.02	354	8	0.10	10	1170	144	0.23	7	2	605	20	0.23	<10	<10
H750912		0.02	520	9	0.08	18	1560	200	0.24	9	3	661	70	0.27	<10	<10
H750913		0.01	233	12	0.08	17	1290	194	0.18	6	2	538	70	0.20	<10	<10
H750914		0.03	513	13	0.09	15	2120	273	0.17	14	4	1075	70	0.38	<10	<10
H750915		0.03	374	9	0.10	17	2750	185	0.12	13	4	1550	70	0.40	<10	<10
H750916		0.02	228	8	0.10	14	1490	302	0.16	14	3	752	80	0.35	<10	<10
H750917		0.03	487	12	0.11	18	1900	97	0.21	15	3	616	80	0.22	<10	<10
H750918		0.02	244	10	0.11	14	2640	117	0.15	8	2	794	30	0.24	<10	<10
H750919		0.02	172	11	0.12	11	1890	191	0.36	11	2	674	20	0.27	<10	<10
H750920		0.01	51	14	0.11	9	2680	182	0.88	<5	2	733	20	0.21	<10	<10
H750921		0.02	140	12	0.11	14	1830	167	1.09	14	2	731	30	0.25	<10	<10
H750922		0.02	355	12	0.11	12	2200	245	0.19	15	2	1070	40	0.23	<10	<10
H750923		0.03	449	10	0.10	18	1620	250	0.13	17	2	621	40	0.30	<10	<10
H750924		0.02	383	11	0.10	14	1340	197	0.12	<5	2	668	30	0.24	<10	<10
H750925		0.46	323	<1	0.02	1	210	3	0.18	6	1	436	<20	0.02	<10	<10
H750926		2.03	514	1	3.34	83	1140	30	0.01	<5	6	349	<20	0.60	<10	<10
H750927		0.02	420	7	0.11	12	1040	117	0.07	12	2	446	30	0.25	<10	<10
H750928		0.02	151	7	0.10	10	1040	171	0.10	8	2	469	30	0.25	<10	<10
H750929		0.02	228	33	0.11	10	1070	197	0.10	8	2	454	20	0.27	<10	<10
H750930		0.20	375	11	0.20	13	1770	160	1.43	12	2	566	30	0.25	<10	<10
H750931		0.56	1055	23	0.18	12	1680	272	2.11	7	3	829	20	0.26	<10	<10
H750932		0.36	755	3	0.18	18	2250	207	2.04	13	3	774	20	0.28	<10	<10
H750933		0.03	703	9	0.09	18	1460	156	0.16	7	3	470	40	0.27	<10	<10
H750934		0.02	254	5	0.10	9	1090	176	0.27	13	3	363	30	0.23	<10	<10
H750935		0.02	159	5	0.10	19	1610	126	1.35	<5	3	598	30	0.25	<10	<10
H750936		0.16	688	23	0.09	42	1730	195	0.45	9	5	559	40	0.15	<10	<10
H750937		0.02	48	70	0.11	30	2500	270	1.85	7	5	869	80	0.23	<10	<10
H750938		0.91	246	31	0.17	149	2950	219	2.13	11	9	678	70	0.25	<10	<10
H750939		0.85	1370	54	0.16	30	3940	471	2.58	9	3	1595	80	0.32	<10	<10
H750940		0.05	69	43	0.08	26	1430	187	1.43	<5	3	459	30	0.18	<10	<10
H750941		0.13	417	35	0.08	23	1150	159	0.33	<5	5	481	30	0.21	<10	<10

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

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
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P.O. BOX 996
KIRKLAND LAKE ON P2N 3L1

Finalized Date: 22-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14041863

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H750902		105	70	82
H750903		104	70	84
H750904		102	80	70
H750905		124	80	140
H750906		111	90	104
H750907		99	80	70
H750908		102	80	52
H750909		108	80	38
H750910		82	60	27
H750911		87	60	43
H750912		123	70	47
H750913		86	60	36
H750914		173	120	66
H750915		153	110	87
H750916		152	100	63
H750917		140	70	80
H750918		109	60	40
H750919		109	90	15
H750920		93	60	18
H750921		118	60	57
H750922		114	50	56
H750923		127	70	59
H750924		111	80	47
H750925		6	<10	14
H750926		80	<10	47
H750927		107	70	42
H750928		104	80	36
H750929		98	70	41
H750930		86	60	98
H750931		92	70	253
H750932		117	60	113
H750933		112	70	84
H750934		96	70	36
H750935		101	80	112
H750936		158	40	156
H750937		110	50	109
H750938		310	60	289
H750939		123	90	275
H750940		94	40	151
H750941		127	50	68

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KIRKLAND LAKE ON P2N 3L1

Finalized Date: 22-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14041863

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
H750942		1.0	6.48	62	5790	2.3	<2	0.10	<0.5	27	227	196	7.17	30	4.44	120
H750943		0.7	5.76	146	8560	3.9	<2	0.12	<0.5	26	735	138	7.97	30	3.96	200
H750944		0.5	6.97	98	5950	2.8	<2	0.27	<0.5	20	441	160	3.57	30	4.04	80
H750945		0.7	7.08	46	550	2.1	<2	0.98	<0.5	16	173	389	3.29	30	3.88	160
H750946		0.9	6.08	37	420	1.3	<2	1.95	<0.5	16	41	442	4.18	30	4.04	200
H750947		0.9	6.42	41	290	1.5	<2	3.02	<0.5	14	31	662	4.63	30	4.06	230
H750948		1.0	5.46	32	2130	1.3	<2	2.99	<0.5	12	46	452	3.15	20	3.84	300
H750949		0.8	5.50	43	2080	1.1	<2	3.05	<0.5	14	13	458	4.48	20	4.26	220
H750950		<0.5	0.39	<5	170	<0.5	<2	32.4	<0.5	2	6	10	0.40	<10	0.24	10
H750951		1.2	8.07	99	140	4.5	<2	2.40	<0.5	21	70	87	5.73	30	3.72	10
H750952		0.8	6.73	43	400	2.2	3	1.12	<0.5	18	79	380	4.57	20	4.22	200
H750953		1.2	6.80	59	440	1.4	<2	2.38	<0.5	13	26	311	3.78	30	4.20	230
H750954		0.7	6.39	44	390	1.5	<2	2.68	<0.5	14	12	340	5.23	30	4.00	280
H750955		1.1	6.65	42	340	1.2	<2	2.36	<0.5	12	12	589	4.63	20	4.14	170
H750956		1.1	6.78	33	3410	1.2	<2	2.80	<0.5	13	14	660	4.92	20	4.60	260
H750957		0.8	7.54	42	280	1.9	<2	0.50	<0.5	16	14	706	5.34	20	4.16	180
H750958		<0.5	6.08	43	290	3.1	<2	4.35	<0.5	17	30	251	6.14	20	4.09	220
H750959		<0.5	6.25	31	890	1.6	<2	3.54	<0.5	17	47	205	5.13	20	4.36	170
H750960		<0.5	5.98	24	370	2.0	<2	3.12	<0.5	20	96	78	4.16	20	4.07	90
H750961		<0.5	5.74	25	1150	3.3	<2	3.46	<0.5	23	152	39	4.03	20	4.50	20
H750962		0.6	5.77	46	820	1.5	<2	0.39	<0.5	28	189	167	4.87	20	4.09	20
H750963		<0.5	5.57	43	420	1.2	<2	3.29	<0.5	21	161	103	3.64	20	4.00	20
H750964		<0.5	6.49	43	350	1.4	<2	2.57	<0.5	17	57	213	4.47	20	4.43	120
H750965		0.6	7.66	43	320	1.8	<2	0.41	<0.5	27	70	208	6.42	20	4.10	160
H750966		<0.5	6.33	52	230	1.4	<2	2.13	<0.5	20	82	149	5.24	20	3.92	100
H750967		<0.5	6.42	49	570	1.3	<2	3.33	<0.5	14	25	140	4.76	20	4.46	210
H750968		<0.5	6.69	38	300	2.1	<2	1.87	<0.5	21	111	429	5.13	20	4.18	170
H750969		<0.5	6.84	29	230	1.3	<2	2.52	<0.5	14	15	204	4.98	20	4.41	200
H750970		<0.5	5.33	25	350	1.7	<2	4.20	<0.5	23	148	267	4.34	20	3.78	50
H750971		<0.5	5.55	18	1400	1.4	<2	3.42	<0.5	21	196	159	4.16	20	4.42	10
H750972		<0.5	5.95	28	630	1.6	<2	3.17	<0.5	20	136	76	4.21	20	4.57	70
H750973		<0.5	5.68	31	1410	1.5	<2	3.35	<0.5	23	183	84	3.75	20	4.38	20
H750974		<0.5	6.11	25	1400	1.7	<2	4.27	<0.5	19	138	131	3.59	20	4.12	20
H750975		<0.5	0.36	<5	30	<0.5	<2	36.2	<0.5	1	5	5	0.38	<10	0.21	10
H750976		<0.5	8.21	<5	150	4.0	<2	2.60	<0.5	24	82	42	3.52	30	4.33	10
H750977		<0.5	5.50	30	1340	2.7	<2	3.83	<0.5	19	138	101	3.59	20	3.99	20
H750978		<0.5	5.04	26	1090	1.6	<2	3.19	<0.5	20	178	98	3.40	20	3.76	20
H750979		<0.5	5.28	31	1090	2.7	<2	4.44	<0.5	24	244	101	3.68	20	4.47	20
H750980		<0.5	5.82	36	770	1.9	<2	4.01	<0.5	23	160	238	4.18	20	4.27	30
H750981		<0.5	5.59	35	430	4.1	<2	4.26	<0.5	27	241	69	4.70	20	4.10	10

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Finalized Date: 22-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14041863

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
H750942		0.23	3170	31	0.09	79	2250	137	0.07	<5	11	462	40	0.23	<10	<10
H750943		1.59	1435	27	0.07	231	2140	108	0.36	<5	16	420	40	0.21	<10	<10
H750944		0.76	621	18	0.11	127	2180	111	0.48	12	12	552	30	0.25	<10	<10
H750945		0.31	500	66	0.15	55	3560	139	1.98	11	8	916	60	0.33	<10	<10
H750946		0.57	1035	56	0.30	26	2830	176	3.04	7	3	1185	50	0.35	<10	<10
H750947		1.04	1765	60	0.18	19	2280	255	3.50	6	2	1620	60	0.39	<10	<10
H750948		1.00	1430	49	0.15	20	3190	247	2.12	8	3	1845	80	0.31	<10	<10
H750949		1.17	1935	49	0.14	14	1070	91	3.61	9	3	1405	50	0.37	<10	<10
H750950		0.47	338	<1	0.02	<1	190	3	0.17	<5	2	447	<20	0.02	<10	<10
H750951		1.76	462	1	3.49	73	1000	51	3.02	<5	6	329	<20	0.54	<10	<10
H750952		0.36	1075	53	0.20	35	2450	129	2.50	5	10	843	50	0.38	<10	<10
H750953		0.81	1330	20	0.20	14	1860	216	3.05	7	3	1350	50	0.32	<10	<10
H750954		0.87	2100	14	0.23	11	2770	76	4.43	9	4	1535	60	0.43	<10	<10
H750955		0.80	1495	38	0.23	8	1670	75	3.97	10	5	1370	40	0.38	<10	<10
H750956		1.00	1795	151	0.24	9	1860	76	4.29	8	5	1685	50	0.40	<10	<10
H750957		0.13	490	100	0.18	16	1240	67	4.05	5	5	624	40	0.40	<10	<10
H750958		1.41	1935	8	0.20	27	3370	39	4.63	7	8	1585	50	0.48	<10	<10
H750959		1.25	1535	13	0.20	30	2100	44	4.04	14	8	2160	40	0.43	<10	<10
H750960		1.21	1095	8	0.24	60	1060	25	3.05	8	11	1365	20	0.28	<10	<10
H750961		1.43	951	7	0.35	87	470	20	2.73	<5	14	1520	<20	0.24	<10	<10
H750962		0.22	890	14	0.20	109	550	25	1.88	5	14	255	<20	0.23	<10	<10
H750963		1.36	916	9	0.16	94	570	22	2.34	<5	12	1375	<20	0.23	<10	<10
H750964		0.91	916	13	0.29	34	1530	46	3.69	5	9	1265	20	0.41	<10	<10
H750965		0.04	256	52	0.24	58	2580	54	3.39	8	11	551	40	0.35	<10	<10
H750966		0.60	903	22	0.26	48	1780	47	3.78	5	11	1770	30	0.41	<10	<10
H750967		1.20	1480	20	0.19	17	1920	39	3.66	5	7	1930	50	0.39	<10	<10
H750968		0.77	980	141	0.23	58	1180	40	3.54	5	8	1560	30	0.33	<10	<10
H750969		0.89	1350	171	0.30	13	1740	59	4.63	<5	3	1510	40	0.39	<10	<10
H750970		2.01	1160	86	0.20	71	850	19	2.53	7	15	1435	<20	0.26	<10	<10
H750971		1.70	1065	107	0.14	110	310	10	1.61	7	14	1140	<20	0.24	<10	<10
H750972		1.29	921	5	0.19	77	900	22	2.81	<5	12	1315	20	0.32	<10	<10
H750973		1.43	878	20	0.19	102	580	10	2.14	11	13	1175	<20	0.24	<10	<10
H750974		1.71	1005	10	0.20	74	630	11	1.20	<5	14	1405	<20	0.25	<10	<10
H750975		0.46	336	<1	0.02	<1	190	4	0.15	<5	2	452	<20	0.02	<10	<10
H750976		2.05	504	1	3.35	87	1130	33	0.01	<5	6	350	<20	0.60	<10	<10
H750977		1.55	966	10	0.17	82	440	11	1.76	5	14	1325	<20	0.23	<10	<10
H750978		1.38	781	4	0.17	89	430	12	1.93	<5	13	1110	<20	0.22	<10	<10
H750979		2.00	945	34	0.15	128	190	15	1.98	<5	14	1695	<20	0.22	<10	<10
H750980		1.66	1100	11	0.20	102	520	15	2.50	7	14	1965	<20	0.26	<10	<10
H750981		1.84	1175	10	0.21	151	320	12	3.16	7	17	1880	<20	0.25	<10	<10

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Finalized Date: 22-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14041863

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H750942		390	70	351
H750943		603	50	500
H750944		481	50	205
H750945		311	80	153
H750946		143	70	102
H750947		157	80	274
H750948		157	70	168
H750949		132	60	180
H750950		8	<10	18
H750951		71	10	96
H750952		380	70	229
H750953		131	60	278
H750954		145	70	234
H750955		134	60	273
H750956		125	60	258
H750957		126	60	319
H750958		189	80	187
H750959		193	70	154
H750960		198	50	117
H750961		280	40	70
H750962		298	40	156
H750963		241	40	87
H750964		155	60	163
H750965		165	70	296
H750966		212	50	204
H750967		133	60	206
H750968		190	50	220
H750969		78	30	173
H750970		286	40	84
H750971		554	20	87
H750972		250	40	74
H750973		224	40	92
H750974		339	30	79
H750975		7	<10	17
H750976		81	<10	47
H750977		310	40	77
H750978		260	30	81
H750979		303	40	89
H750980		272	50	90
H750981		364	50	102

***** 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: 22-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14041863

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
H750982		<0.5	6.09	50	370	1.7	<2	4.32	<0.5	17	33	210	5.41	20	4.16	220
H750983		0.6	6.63	47	220	5.3	<2	3.47	<0.5	16	35	183	5.47	20	4.24	190
H750984		0.5	6.35	38	1940	1.8	<2	3.76	<0.5	19	76	268	4.81	20	4.60	180
H750985		0.5	6.53	43	430	2.6	<2	4.15	<0.5	22	108	142	5.03	20	4.49	120

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CERTIFICATE OF ANALYSIS VO14041863

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
H750982		1.38	1880	41	0.19	25	2590	42	3.61	9	7	2030	40	0.43	<10	<10
H750983		1.11	1730	86	0.16	25	2350	39	4.14	7	8	1595	40	0.47	<10	<10
H750984		1.56	1245	131	0.14	44	1280	31	3.71	<5	11	1670	40	0.33	<10	<10
H750985		1.84	1160	174	0.17	59	1210	31	3.67	9	13	1800	30	0.30	<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
H750982		195	50	173
H750983		201	60	68
H750984		178	40	83
H750985		242	30	115

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CERTIFICATE OF ANALYSIS VO14041863

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