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: 8-APR-2014
Account: OSIKLI

CERTIFICATE VO14041866

Project: MU

P.O. No.: KL 000347

This report is for 191 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 VO14041866

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
I272768		3.7	6.89	32	1570	1.0	9	2.90	<0.5	9	41	206	2.46	30	4.37	140
I272769		0.6	6.46	38	1040	1.5	<2	2.61	<0.5	8	37	274	2.56	30	4.42	170
I272770		<0.5	6.31	49	970	1.9	<2	2.75	<0.5	9	57	239	2.78	40	4.15	100
I272771		1.0	5.94	53	860	2.7	4	3.37	<0.5	14	75	409	3.41	30	4.16	120
I272772		<0.5	6.10	63	510	2.4	2	3.61	<0.5	16	123	179	3.75	30	4.22	100
I272773		<0.5	6.65	22	1390	1.4	<2	2.46	<0.5	8	43	289	2.41	30	4.29	70
I272774		<0.5	6.44	28	1530	1.4	3	3.05	<0.5	10	46	235	2.69	30	4.26	260
I272775		<0.5	0.41	<5	40	<0.5	<2	34.9	<0.5	<1	6	3	0.41	<10	0.24	10
I272776		1.0	7.63	96	140	4.3	5	2.34	0.5	21	68	87	5.74	20	3.76	10
I272777		0.5	6.64	29	1620	1.3	<2	3.24	<0.5	10	43	261	2.72	30	4.09	140
I272778		1.0	6.45	21	900	1.3	3	3.80	<0.5	10	45	170	2.95	30	4.22	560
I272779		0.5	6.45	33	1250	1.3	<2	3.35	<0.5	10	44	270	2.79	30	4.23	200
I272780		0.5	6.72	28	1150	1.3	<2	2.89	<0.5	10	50	273	2.76	30	4.16	80
I272781		0.7	6.41	23	1450	1.1	<2	3.08	<0.5	10	44	356	2.68	30	4.16	150
I272782		<0.5	6.95	21	1850	1.1	2	2.42	<0.5	8	41	226	2.38	30	4.25	80
I272783		0.8	6.20	22	1020	1.6	<2	3.33	<0.5	9	36	239	2.48	40	4.13	480
I272784		0.7	6.83	26	1870	0.9	2	1.86	<0.5	5	21	195	1.79	30	4.47	230
I272785		1.2	6.40	33	630	1.5	2	3.61	<0.5	10	38	276	2.88	40	4.51	560
I272786		0.7	6.43	24	1370	1.2	2	3.15	<0.5	10	40	264	2.61	40	4.24	390
I272787		2.3	6.17	26	960	1.3	5	3.76	<0.5	9	29	139	2.67	30	4.30	2030
I272788		<0.5	7.20	20	2060	1.0	<2	1.81	<0.5	5	22	140	1.85	30	4.15	60
I272789		3.0	6.68	37	1160	1.5	7	2.82	<0.5	8	34	275	2.66	40	4.47	960
I272790		0.7	6.81	29	1180	1.8	<2	2.85	<0.5	8	43	187	2.57	40	4.61	150
I272791		<0.5	6.56	26	730	1.5	<2	3.97	<0.5	11	64	234	3.52	30	4.91	210
I272792		0.8	6.49	33	1010	1.7	<2	3.46	<0.5	11	53	166	3.06	30	4.49	140
I272793		0.8	6.71	25	1040	2.3	<2	2.58	<0.5	7	34	200	2.53	30	4.53	420
I272794		1.0	6.67	34	640	1.5	4	3.37	<0.5	9	44	288	3.10	30	4.64	310
I272795		0.8	6.72	36	560	1.5	<2	3.85	<0.5	11	41	284	3.27	30	4.74	340
I272796		0.7	6.50	37	710	1.2	<2	3.82	<0.5	10	40	414	3.21	30	4.56	230
I272797		0.6	6.18	24	910	1.3	<2	3.63	<0.5	10	44	204	3.11	30	4.13	390
I272798		0.6	6.25	29	610	1.2	2	3.65	<0.5	11	47	276	3.31	30	4.11	180
I272799		0.9	6.18	30	520	1.2	<2	3.88	<0.5	12	46	264	3.43	30	4.23	430
I272800		<0.5	0.40	<5	30	<0.5	3	35.5	<0.5	2	6	3	0.42	<10	0.24	10
I272801		<0.5	7.52	7	140	3.7	<2	2.51	<0.5	22	78	41	3.41	20	4.14	10
I272802		0.6	6.43	24	1240	1.1	2	3.21	<0.5	10	40	273	2.71	30	4.41	240
I272803		0.7	6.42	20	1610	1.1	<2	3.06	<0.5	9	36	277	2.60	30	4.14	200
I272804		<0.5	7.31	24	900	2.7	<2	1.66	<0.5	6	17	384	2.53	30	4.10	130
I272805		<0.5	6.68	26	810	1.1	<2	2.17	<0.5	10	41	182	3.26	30	4.78	100
I272806		<0.5	6.55	30	760	2.0	<2	3.84	<0.5	27	160	157	4.73	20	4.95	30
I272807		<0.5	6.43	38	240	1.8	<2	3.40	<0.5	23	97	119	5.39	20	4.45	120

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Finalized Date: 8-APR-2014
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Project: MU

CERTIFICATE OF ANALYSIS VO14041866

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
I272768		0.94	1045	129	0.24	19	2940	1765	1.58	6	5	1875	30	0.26	<10	<10
I272769		0.90	979	6	0.26	16	2930	325	1.67	5	8	1815	40	0.28	<10	<10
I272770		1.13	891	4	0.18	21	2670	232	1.81	7	7	2020	30	0.23	<10	<10
I272771		1.38	1455	16	0.17	31	2260	507	1.87	9	8	2160	40	0.26	<10	<10
I272772		1.74	1215	2	0.16	42	2190	173	2.39	6	8	2300	20	0.30	<10	<10
I272773		0.78	924	2	0.17	16	2490	199	1.69	10	3	1895	20	0.25	10	<10
I272774		1.01	1210	<1	0.20	19	2450	294	1.68	6	3	2100	30	0.25	<10	<10
I272775		0.49	317	<1	0.02	<1	170	4	0.19	<5	1	428	<20	0.02	<10	<10
I272776		1.74	456	1	3.43	75	980	57	3.05	<5	5	318	<20	0.53	<10	<10
I272777		1.04	1190	<1	0.22	19	2510	329	1.67	6	3	2590	30	0.27	10	<10
I272778		1.26	1370	1	0.23	23	3560	510	1.81	6	3	9150	90	0.30	<10	<10
I272779		1.12	1055	1	0.26	20	2210	355	1.77	11	4	3530	40	0.27	10	<10
I272780		1.06	1010	1	0.23	20	1840	307	1.85	5	6	3010	20	0.23	<10	<10
I272781		1.02	1105	1	0.21	18	2100	370	1.76	9	4	5880	90	0.26	<10	<10
I272782		0.83	869	5	0.22	15	1500	185	1.61	6	5	4330	30	0.21	<10	<10
I272783		1.13	973	7	0.25	19	3290	311	1.71	9	4	>10000	80	0.22	<10	<10
I272784		0.61	672	40	0.26	10	1430	309	1.24	<5	2	5120	40	0.17	<10	<10
I272785		1.20	1105	13	0.27	24	4140	577	2.05	8	5	>10000	100	0.26	10	<10
I272786		1.01	987	6	0.29	19	3280	342	1.71	7	4	8230	70	0.26	<10	<10
I272787		1.30	1230	6	0.19	29	4710	798	1.53	5	9	>10000	180	0.23	<10	<10
I272788		0.61	597	11	0.30	9	1230	180	1.36	<5	2	5640	30	0.16	<10	<10
I272789		0.89	956	11	0.21	26	3510	1275	1.76	5	8	4750	100	0.26	<10	<10
I272790		0.92	929	7	0.28	19	3080	297	1.78	7	5	6140	50	0.24	10	<10
I272791		1.40	1460	3	0.30	24	2790	238	2.14	8	5	6840	60	0.36	<10	<10
I272792		1.10	1120	13	0.27	25	3860	339	2.04	6	6	5430	40	0.29	<10	<10
I272793		0.83	918	10	0.25	20	2830	318	1.99	9	4	9090	80	0.24	<10	<10
I272794		1.07	1085	15	0.25	22	4020	415	2.30	<5	5	8360	60	0.29	<10	<10
I272795		1.05	1070	7	0.29	23	6590	397	2.45	5	5	7930	70	0.32	<10	<10
I272796		1.03	1175	3	0.26	22	6560	384	2.29	5	3	6290	50	0.34	<10	<10
I272797		1.16	1445	10	0.42	23	3570	326	2.00	5	4	5870	80	0.32	<10	<10
I272798		1.26	1405	2	0.33	23	4020	200	2.33	9	3	7550	70	0.30	10	<10
I272799		1.34	1515	3	0.46	27	4330	435	2.43	11	3	6190	100	0.31	<10	<10
I272800		0.50	337	<1	0.02	1	220	5	0.21	<5	1	459	<20	0.02	<10	<10
I272801		1.92	489	1	3.14	81	1090	33	0.01	<5	6	332	<20	0.58	10	<10
I272802		0.98	1150	19	0.31	20	3540	315	1.76	6	3	4750	60	0.26	<10	<10
I272803		0.93	1280	12	0.25	21	2620	292	1.56	7	2	4810	60	0.27	10	<10
I272804		0.51	1060	14	0.22	11	500	305	2.09	7	1	3130	30	0.38	<10	<10
I272805		0.74	1040	2	0.20	18	1170	148	2.54	5	4	2400	30	0.34	<10	<10
I272806		2.31	951	22	0.34	89	740	12	2.42	10	19	2430	<20	0.38	<10	<10
I272807		1.58	1215	22	0.25	65	1520	28	3.85	<5	11	2470	30	0.41	<10	<10

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Project: MU

CERTIFICATE OF ANALYSIS VO14041866

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
I272768		157	50	47
I272769		196	50	87
I272770		258	40	134
I272771		212	50	215
I272772		353	60	249
I272773		190	50	260
I272774		211	40	304
I272775		7	<10	25
I272776		69	<10	96
I272777		273	40	311
I272778		261	40	367
I272779		255	40	417
I272780		267	40	232
I272781		280	50	272
I272782		244	40	210
I272783		219	50	228
I272784		123	40	212
I272785		207	50	310
I272786		228	40	180
I272787		254	40	181
I272788		144	40	195
I272789		247	50	308
I272790		196	40	241
I272791		265	50	243
I272792		221	50	213
I272793		155	40	178
I272794		196	50	221
I272795		236	50	195
I272796		231	50	185
I272797		258	50	200
I272798		244	40	104
I272799		217	50	229
I272800		6	<10	18
I272801		77	<10	44
I272802		168	40	231
I272803		171	40	286
I272804		131	50	136
I272805		153	40	61
I272806		396	50	117
I272807		263	50	75

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CERTIFICATE OF ANALYSIS VO14041866

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
I272808		<0.5	6.57	48	230	1.9	<2	3.36	<0.5	18	56	194	5.61	20	4.72	160
I272809		<0.5	6.28	41	250	2.5	<2	3.45	<0.5	18	54	165	5.43	20	4.38	160
I272852		0.7	6.69	24	2120	3.5	9	4.34	<0.5	14	48	338	5.06	30	4.60	150
I272853		<0.5	6.37	22	1810	2.9	<2	5.10	<0.5	11	44	155	4.73	30	4.58	220
I272854		<0.5	7.00	19	2900	2.8	<2	4.38	<0.5	13	48	142	4.96	30	4.92	190
I272855		<0.5	6.66	21	1350	2.7	<2	4.39	<0.5	12	43	149	4.79	30	4.24	170
I272856		<0.5	6.70	18	1090	2.6	<2	4.81	<0.5	13	46	132	4.88	30	4.49	210
I272857		<0.5	6.92	22	3120	2.7	<2	4.51	<0.5	11	43	138	4.83	30	4.96	230
I272858		<0.5	6.18	17	1020	1.6	4	4.98	<0.5	13	42	183	4.41	30	4.76	250
I272859		<0.5	6.40	21	710	1.8	<2	4.99	<0.5	13	47	140	4.75	30	4.59	200
I272860		<0.5	6.58	21	1390	1.5	<2	4.81	<0.5	12	48	126	4.96	30	4.51	220
I272861		<0.5	6.59	19	2610	4.0	<2	4.86	<0.5	12	45	177	4.69	30	4.67	280
I272862		<0.5	6.38	16	2470	5.2	<2	4.58	<0.5	12	40	153	4.60	30	4.13	250
I272863		<0.5	6.65	22	1800	2.9	2	4.68	<0.5	13	44	120	4.87	30	4.25	200
I272864		<0.5	6.26	21	1240	2.8	<2	6.04	<0.5	11	40	125	4.60	30	4.34	370
I272865		<0.5	7.09	15	2870	2.4	<2	4.59	<0.5	14	50	141	5.05	30	4.82	230
I272866		<0.5	7.12	17	4740	3.8	<2	4.47	<0.5	14	50	144	5.16	30	5.16	190
I272867		<0.5	6.65	14	1760	3.3	<2	4.91	<0.5	14	51	172	5.04	30	4.60	240
I272868		<0.5	6.65	21	2830	3.4	<2	4.50	<0.5	20	68	122	5.18	20	4.42	40
I272869		<0.5	6.33	20	1500	2.8	<2	5.96	<0.5	13	48	186	5.02	30	4.77	340
I272870		<0.5	5.80	23	800	3.3	<2	5.35	<0.5	23	34	363	5.42	40	4.35	300
I272871		<0.5	6.13	23	1010	2.2	<2	5.11	<0.5	14	39	282	4.72	40	4.44	390
I272872		<0.5	6.19	26	1470	6.3	2	5.04	<0.5	19	57	227	5.78	30	4.10	120
I272873		1.0	5.03	35	180	4.0	11	7.37	<0.5	11	29	206	6.85	40	4.11	370
I272874		0.6	5.45	18	420	2.8	5	6.65	<0.5	11	43	476	4.14	30	4.41	240
I272875		<0.5	0.40	<5	340	<0.5	<2	34.3	<0.5	2	5	8	0.43	<10	0.28	10
I272876		0.9	7.89	99	150	4.3	4	2.42	<0.5	21	69	90	5.73	20	3.77	10
I272877		0.7	5.42	14	900	2.7	5	6.53	<0.5	12	39	390	4.14	30	4.90	270
I272878		0.6	5.69	18	1820	2.6	<2	6.20	<0.5	11	36	213	4.18	20	4.46	220
I272879		<0.5	5.47	17	540	2.6	<2	8.69	<0.5	11	32	196	4.15	30	4.49	300
I272880		<0.5	5.95	14	1390	3.4	<2	6.80	<0.5	10	41	164	4.54	30	4.82	240
I272881		<0.5	5.77	14	1130	2.1	2	5.81	<0.5	11	40	196	4.39	30	4.15	220
I272882		0.5	5.70	27	790	1.9	2	5.07	<0.5	14	43	273	4.41	30	4.65	170
I272883		<0.5	5.85	29	1390	2.3	<2	4.66	<0.5	19	40	192	5.29	40	4.30	310
I272884		<0.5	5.98	17	3270	1.9	<2	4.62	<0.5	14	43	168	4.41	40	4.82	250
I272885		<0.5	6.12	16	2470	8.2	<2	4.17	<0.5	20	67	197	4.72	20	5.12	50
I272886		<0.5	6.00	22	4410	11.1	<2	4.37	<0.5	22	80	115	4.97	20	4.30	90
I272887		<0.5	5.44	61	1870	6.5	2	4.74	<0.5	19	91	128	4.91	20	4.22	130
I272888		<0.5	6.05	121	800	8.5	<2	4.12	<0.5	21	88	96	4.99	30	4.58	100
I272889		<0.5	5.79	26	6290	10.9	<2	4.50	<0.5	19	94	175	4.84	30	4.38	120

***** 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: 8-APR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14041866

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
I272808		1.32	1290	27	0.21	33	2050	58	4.42	12	8	2350	40	0.50	<10	<10
I272809		1.38	1255	25	0.23	34	2020	52	4.05	12	8	2510	40	0.46	<10	<10
I272852		1.40	1815	11	0.13	23	1920	806	1.05	<5	6	5200	40	0.42	<10	<10
I272853		1.29	1685	4	0.14	22	1780	97	0.96	<5	5	7000	60	0.40	<10	<10
I272854		1.28	1435	4	0.13	24	1860	57	0.91	<5	6	4670	40	0.43	10	<10
I272855		1.14	1445	4	0.15	20	1700	63	1.25	<5	5	5410	40	0.42	<10	<10
I272856		1.29	1615	5	0.17	23	1850	70	1.31	9	6	5950	40	0.41	10	<10
I272857		1.20	1625	21	0.19	22	1880	72	0.74	8	4	6490	50	0.43	<10	<10
I272858		1.25	1690	13	0.11	22	2080	61	1.94	6	4	>10000	70	0.41	<10	<10
I272859		1.32	1775	10	0.13	22	1930	98	1.70	8	5	5840	50	0.41	<10	<10
I272860		1.28	1800	6	0.13	23	2100	102	1.18	<5	7	5630	50	0.44	10	<10
I272861		1.20	1820	5	0.17	23	1890	79	0.77	<5	6	5720	60	0.42	<10	<10
I272862		1.07	1530	8	0.16	20	1740	53	0.92	<5	4	4820	50	0.41	<10	<10
I272863		1.19	1610	5	0.13	22	1840	68	1.19	5	4	5100	50	0.42	<10	<10
I272864		1.15	1865	13	0.11	23	1940	88	0.99	7	5	7510	70	0.40	10	<10
I272865		1.27	1710	7	0.12	25	1950	56	0.78	<5	4	4270	50	0.44	<10	<10
I272866		1.26	1630	6	0.13	25	1780	56	0.74	<5	4	3810	40	0.45	<10	<10
I272867		1.38	1640	9	0.24	24	1900	56	0.93	<5	6	4660	40	0.41	<10	<10
I272868		2.37	1220	4	0.86	22	1830	31	0.56	<5	18	2090	20	0.30	<10	<10
I272869		1.42	1985	82	0.13	26	2600	114	0.94	8	4	6400	70	0.43	10	<10
I272870		1.95	2530	57	0.09	26	3510	149	1.22	<5	4	9110	80	0.43	<10	10
I272871		1.38	2180	18	0.11	24	4000	107	1.17	5	3	8930	90	0.41	<10	<10
I272872		1.95	1465	78	0.61	22	3280	210	1.11	9	14	5310	40	0.42	<10	10
I272873		1.49	1945	97	0.20	20	9120	1125	2.74	9	7	8360	110	0.59	<10	10
I272874		1.44	1695	34	0.17	26	2880	431	1.60	12	6	>10000	130	0.39	<10	<10
I272875		0.48	331	1	0.02	1	240	10	0.19	<5	1	799	<20	0.02	<10	<10
I272876		1.74	456	<1	3.43	74	980	53	2.99	<5	5	333	<20	0.53	<10	<10
I272877		1.31	1585	5	0.32	21	2040	362	1.25	14	7	>10000	120	0.36	<10	<10
I272878		1.35	1495	8	0.34	21	1860	433	1.63	6	7	>10000	110	0.35	<10	<10
I272879		1.28	1785	1	0.09	23	1880	460	1.29	17	5	8080	90	0.37	<10	<10
I272880		1.41	1725	1	0.12	23	2030	244	0.99	14	5	7480	70	0.39	<10	<10
I272881		1.30	1615	4	0.14	21	2120	274	1.05	14	5	6880	60	0.39	<10	<10
I272882		1.57	1640	35	0.22	23	2660	438	1.87	16	6	7960	70	0.38	<10	<10
I272883		1.71	2220	13	0.11	24	3410	160	0.83	15	3	7000	80	0.41	10	10
I272884		1.52	2020	42	0.17	23	2290	193	0.50	19	4	7820	80	0.43	<10	10
I272885		2.28	1115	2	0.84	24	2030	137	0.21	7	16	2570	20	0.26	<10	<10
I272886		2.53	1145	1	0.71	37	2660	59	0.19	8	15	3040	30	0.28	<10	<10
I272887		2.58	1205	1	0.22	45	3180	136	0.90	7	13	4550	40	0.31	10	<10
I272888		2.59	1090	2	0.60	42	3090	65	1.72	8	14	3130	40	0.32	<10	<10
I272889		2.53	1205	1	0.18	46	4370	49	0.22	14	13	3880	40	0.34	<10	<10

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KIRKLAND LAKE ON P2N 3L1

Finalized Date: 8-APR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14041866

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
I272808		208	50	93
I272809		220	50	72
I272852		420	<10	179
I272853		397	<10	196
I272854		420	<10	167
I272855		407	<10	167
I272856		417	<10	169
I272857		471	<10	170
I272858		342	10	89
I272859		357	<10	166
I272860		423	<10	204
I272861		421	<10	205
I272862		383	<10	141
I272863		410	<10	167
I272864		443	<10	182
I272865		429	<10	125
I272866		435	<10	153
I272867		355	<10	150
I272868		212	<10	107
I272869		456	<10	203
I272870		455	<10	299
I272871		372	<10	217
I272872		428	<10	160
I272873		771	20	400
I272874		403	<10	299
I272875		11	<10	20
I272876		69	<10	96
I272877		340	<10	218
I272878		275	10	271
I272879		355	10	304
I272880		391	10	283
I272881		371	10	227
I272882		309	10	368
I272883		456	<10	290
I272884		449	<10	188
I272885		260	<10	165
I272886		238	<10	128
I272887		313	10	205
I272888		324	10	157
I272889		386	<10	129

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CERTIFICATE OF ANALYSIS VO14041866

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
I272890		<0.5	6.15	19	5160	9.9	<2	4.15	<0.5	16	79	142	4.83	20	4.40	120
I272891		<0.5	6.13	50	400	3.3	<2	5.19	<0.5	13	43	137	4.69	30	4.89	300
I272892		<0.5	6.16	46	230	2.4	<2	4.63	<0.5	13	44	209	4.64	30	4.26	220
I272893		<0.5	5.80	37	2380	3.4	<2	5.61	<0.5	12	37	413	4.54	30	4.51	380
I272894		<0.5	6.44	41	370	2.0	<2	4.13	<0.5	13	44	251	4.60	30	4.77	230
I272895		<0.5	6.17	40	240	3.3	2	4.21	<0.5	14	40	151	4.69	30	4.29	300
I272896		<0.5	5.36	76	180	2.4	2	5.94	<0.5	24	31	752	6.23	30	4.86	390
I272897		<0.5	6.04	57	2680	2.2	2	5.10	<0.5	18	40	187	5.44	30	4.75	270
I272898		<0.5	5.44	45	2010	3.1	<2	5.48	<0.5	15	30	176	5.18	30	4.62	430
I272899		<0.5	4.28	50	130	2.4	<2	7.14	<0.5	27	24	287	6.47	30	5.04	500
I272900		<0.5	0.34	<5	170	<0.5	<2	34.0	<0.5	1	4	4	0.39	<10	0.21	10
I272901		<0.5	8.02	<5	170	3.8	<2	2.62	<0.5	22	77	43	3.55	20	4.27	10
I272902		0.5	4.23	30	170	0.9	<2	6.79	<0.5	13	25	107	4.34	20	5.48	240
I272903		<0.5	5.06	30	240	1.2	<2	6.37	<0.5	21	29	670	6.62	30	4.44	440
I272904		<0.5	6.28	17	1180	1.0	<2	4.62	0.5	13	45	134	4.96	30	5.01	360
I272905		<0.5	6.28	19	1540	1.0	<2	4.40	<0.5	15	48	129	5.14	30	4.69	490
I272906		1.0	4.74	34	190	2.9	4	7.97	<0.5	23	27	1390	6.72	20	4.13	630
I272907		<0.5	5.86	35	700	1.2	3	5.45	<0.5	19	59	235	4.38	30	4.59	180
I272908		0.7	5.15	14	640	1.2	3	6.74	<0.5	12	34	445	4.19	30	4.98	240
I272909		0.7	5.81	21	840	1.1	3	4.47	<0.5	14	38	471	3.98	40	4.49	320
I272910		1.5	4.61	19	240	1.5	4	6.14	<0.5	12	31	1235	4.11	30	4.81	130
I272911		1.3	5.35	21	350	1.8	2	5.49	<0.5	14	33	448	4.10	30	4.52	660
I272912		0.8	5.52	14	520	1.2	<2	5.18	<0.5	14	37	675	3.95	30	4.65	510
I272913		2.3	6.10	16	750	1.3	3	5.13	<0.5	11	43	523	3.61	30	4.67	170
I272914		0.6	6.86	16	1740	0.8	<2	2.95	<0.5	8	24	335	2.24	30	5.12	300
I272915		1.3	6.74	42	1450	0.8	<2	3.07	<0.5	10	26	256	2.48	30	4.90	170
I272916		0.9	6.37	23	1190	0.9	<2	4.13	<0.5	8	27	241	2.45	30	4.72	420
I272917		0.6	7.11	43	800	0.8	<2	2.84	<0.5	9	32	327	2.82	30	4.03	140
I272918		0.8	7.11	22	1490	1.6	<2	3.36	<0.5	10	35	244	2.70	40	5.42	280
I272919		0.7	6.20	21	1410	1.1	2	4.32	<0.5	9	30	210	2.70	40	4.81	600
I272920		1.3	5.69	19	750	1.2	6	5.45	0.5	9	28	328	3.00	40	4.70	1390
I272921		<0.5	5.18	38	840	7.6	<2	5.29	<0.5	20	68	233	4.66	40	4.64	110
I272922		<0.5	4.84	33	440	10.3	<2	6.30	0.6	21	88	137	5.36	40	4.39	100
I272923		<0.5	6.29	25	510	1.8	<2	3.87	0.5	12	50	195	3.38	40	5.01	170
I272924		0.7	6.04	22	460	1.8	<2	4.55	0.5	15	47	217	3.91	40	4.78	160
I272925		<0.5	0.35	<5	30	<0.5	<2	35.2	<0.5	2	4	3	0.39	<10	0.20	<10
I272926		1.0	7.99	91	140	4.5	2	2.41	<0.5	20	68	87	5.68	20	3.74	10
I272927		<0.5	6.04	29	450	1.7	<2	5.04	0.5	16	54	194	4.21	30	4.71	130
I272928		0.8	3.90	24	230	1.6	2	7.80	<0.5	20	66	194	5.08	20	4.90	120
I272929		0.5	5.64	46	420	1.6	3	5.68	<0.5	17	54	377	4.35	30	4.73	120

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KIRKLAND LAKE ON P2N 3L1

Finalized Date: 8-APR-2014
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CERTIFICATE OF ANALYSIS VO14041866

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
I272890		2.24	1160	<1	0.23	38	3710	39	0.16	13	13	2890	30	0.34	<10	<10
I272891		1.27	1695	5	0.12	23	1900	124	3.25	14	3	2760	50	0.41	<10	<10
I272892		1.14	1645	4	0.10	24	1840	112	3.03	13	2	2340	40	0.42	<10	<10
I272893		1.23	1745	6	0.09	26	5820	130	2.54	16	3	6530	70	0.50	<10	<10
I272894		1.19	1675	6	0.10	23	2030	107	2.35	16	3	4690	40	0.42	<10	<10
I272895		1.23	1690	8	0.09	24	2030	122	2.85	13	3	7970	60	0.40	10	<10
I272896		2.10	2600	28	0.08	29	5130	125	3.83	12	4	6870	100	0.43	<10	<10
I272897		1.76	2350	49	0.09	29	3090	140	3.30	11	3	4420	80	0.42	10	<10
I272898		1.51	2140	118	0.08	26	3910	112	3.49	11	3	6590	110	0.38	10	<10
I272899		2.68	2930	69	0.06	35	7240	123	3.37	12	4	>10000	140	0.32	<10	<10
I272900		0.45	310	2	0.02	<1	200	4	0.16	<5	1	500	<20	0.02	10	<10
I272901		1.99	502	1	3.24	85	1110	34	0.01	<5	6	364	<20	0.60	10	<10
I272902		1.95	2100	48	0.07	20	2320	186	3.04	10	4	>10000	160	0.28	10	<10
I272903		1.98	2670	55	0.08	33	6600	200	1.91	12	4	>10000	140	0.40	<10	<10
I272904		1.35	1900	64	0.10	24	2500	147	1.51	14	3	>10000	90	0.42	<10	<10
I272905		1.35	1755	10	0.10	27	2420	179	1.49	15	3	6320	70	0.43	<10	<10
I272906		2.24	3020	27	0.08	36	9650	914	2.42	11	5	5140	140	0.41	<10	<10
I272907		1.90	1695	40	0.12	31	3390	269	2.33	22	10	2340	40	0.43	<10	<10
I272908		2.31	2180	74	0.08	23	3950	298	1.54	17	6	2670	40	0.34	<10	<10
I272909		1.39	1495	40	0.09	24	3230	272	2.01	12	6	6020	60	0.38	<10	<10
I272910		2.11	1895	35	0.08	19	3370	490	2.29	13	6	>10000	90	0.32	<10	<10
I272911		1.80	1750	10	0.09	32	3650	604	1.96	14	6	>10000	100	0.35	10	<10
I272912		1.54	1590	9	0.09	29	4220	465	1.70	16	6	>10000	70	0.40	10	<10
I272913		1.78	1545	7	0.10	17	2680	1165	1.70	16	8	7360	40	0.31	<10	<10
I272914		0.80	886	2	0.13	13	2550	334	1.54	14	2	5160	40	0.21	<10	<10
I272915		0.88	925	11	0.13	13	3530	537	1.73	12	2	6620	30	0.20	<10	<10
I272916		0.89	964	2	0.12	16	2060	530	1.67	12	2	7780	40	0.18	<10	<10
I272917		0.95	833	44	0.13	13	2670	238	2.05	15	2	5090	30	0.24	<10	<10
I272918		1.10	930	49	0.20	16	2330	367	1.53	21	3	5210	30	0.24	<10	<10
I272919		1.26	1225	52	0.17	20	3560	539	1.22	49	3	>10000	70	0.25	<10	<10
I272920		1.19	1315	2	0.12	27	2970	765	1.56	32	4	>10000	120	0.32	10	<10
I272921		3.30	1750	2	0.12	28	5310	208	1.85	16	15	4150	40	0.35	10	<10
I272922		4.14	1965	1	0.09	37	5360	100	2.32	17	21	3940	30	0.40	10	<10
I272923		1.53	1270	5	0.14	22	2990	293	2.47	15	7	2850	40	0.32	<10	<10
I272924		1.81	1550	1	0.11	20	3110	492	2.59	18	8	5590	40	0.35	<10	<10
I272925		0.46	310	<1	0.02	1	160	2	0.17	<5	1	458	<20	0.02	10	<10
I272926		1.81	452	2	3.50	74	1020	57	3.08	8	6	332	<20	0.55	10	<10
I272927		1.99	1590	<1	0.10	23	3380	369	2.53	17	10	4730	40	0.35	10	<10
I272928		3.11	2290	2	0.07	26	3950	360	2.41	14	16	>10000	60	0.30	<10	<10
I272929		2.07	1795	11	0.09	24	4040	213	2.30	17	10	6190	40	0.35	10	<10

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CERTIFICATE OF ANALYSIS VO14041866

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
I272890		397	<10	98
I272891		341	20	219
I272892		372	20	225
I272893		376	20	238
I272894		370	30	207
I272895		309	30	262
I272896		429	40	292
I272897		393	40	395
I272898		281	40	202
I272899		371	20	200
I272900		7	<10	11
I272901		79	<10	45
I272902		192	30	135
I272903		420	20	220
I272904		368	10	420
I272905		388	10	155
I272906		353	30	105
I272907		306	40	88
I272908		324	30	76
I272909		394	10	88
I272910		303	10	71
I272911		372	10	84
I272912		396	10	101
I272913		321	20	208
I272914		167	10	263
I272915		169	30	197
I272916		166	20	350
I272917		193	20	202
I272918		184	10	249
I272919		203	20	238
I272920		280	20	385
I272921		555	10	249
I272922		678	30	541
I272923		346	40	462
I272924		384	40	333
I272925		6	<10	17
I272926		71	<10	98
I272927		362	20	373
I272928		276	20	136
I272929		313	20	96

***** 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: 8-APR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14041866

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
I272930		0.7	6.29	27	560	1.4	2	3.93	<0.5	11	38	221	3.28	30	4.94	120
I272931		<0.5	6.51	20	1030	1.0	<2	3.17	<0.5	10	36	142	2.76	30	5.35	80
I272932		0.6	7.03	27	2140	0.9	<2	2.29	<0.5	9	26	171	2.35	30	4.74	60
I272933		0.5	7.15	16	2590	1.0	<2	2.07	<0.5	7	26	141	2.12	30	4.68	60
I272934		<0.5	6.28	41	480	3.4	<2	5.08	<0.5	24	57	277	4.97	40	4.68	140
I272935		0.5	5.17	33	400	1.2	3	5.11	<0.5	15	45	206	3.92	30	4.17	130
I272936		0.7	6.11	30	750	1.3	3	3.67	<0.5	15	42	398	3.42	40	4.24	130
I272937		0.7	6.22	33	1780	1.7	5	2.61	<0.5	9	33	408	2.40	40	4.62	120
I272938		0.5	6.24	28	1490	1.2	2	2.44	<0.5	7	25	277	2.25	40	4.42	270
I272939		<0.5	6.59	21	2380	1.7	2	2.36	<0.5	7	26	194	2.18	40	4.99	100
I272940		0.5	6.23	22	2800	1.6	2	2.26	<0.5	6	25	251	2.15	40	4.65	120
I272941		<0.5	6.53	17	2510	2.9	<2	1.89	<0.5	6	25	196	2.09	40	4.62	140
I272942		<0.5	6.76	17	3600	1.9	<2	2.64	<0.5	9	31	292	2.58	40	4.62	100
I272943		0.9	6.83	13	3050	1.3	4	2.60	0.5	8	28	344	2.29	40	4.52	120
I272944		2.0	4.29	8	3280	3.6	4	5.09	<0.5	9	35	74	2.96	40	3.76	520
I272945		0.7	5.80	19	1150	6.9	5	4.05	<0.5	13	37	407	3.17	40	4.18	210
I272946		0.5	5.42	16	3440	2.7	<2	5.82	<0.5	19	57	310	5.26	40	4.03	270
I272947		<0.5	6.54	11	4900	1.0	<2	2.88	<0.5	9	42	243	2.43	40	4.48	50
I272948		<0.5	6.60	21	1390	1.3	<2	2.98	<0.5	11	46	145	2.93	40	4.40	80
I272949		<0.5	6.40	12	2510	1.1	<2	2.61	<0.5	8	44	121	2.50	30	4.69	70
I272950		<0.5	0.36	<5	30	<0.5	<2	36.2	<0.5	1	5	4	0.41	<10	0.22	10
I272951		<0.5	7.63	<5	150	3.9	<2	2.69	<0.5	23	80	44	3.55	30	4.43	10
I272952		<0.5	5.37	27	320	2.3	<2	5.24	<0.5	20	85	146	4.90	30	4.24	150
I272953		<0.5	5.39	18	600	2.0	<2	6.13	<0.5	21	93	159	5.11	30	4.24	270
I272954		<0.5	5.88	8	5380	4.3	<2	5.81	1.2	16	108	174	5.30	30	4.79	160
I272955		<0.5	5.75	15	5490	5.3	<2	5.02	<0.5	18	94	253	5.19	30	4.27	150
I272956		<0.5	5.81	16	1450	4.0	2	4.47	<0.5	19	75	275	4.74	40	4.43	170
I272957		0.7	5.87	20	2510	5.8	5	5.61	<0.5	21	101	287	5.55	40	4.27	160
I272958		<0.5	5.85	44	470	3.6	3	5.19	<0.5	23	106	190	5.56	40	4.25	120
I272959		<0.5	6.19	19	570	1.5	<2	3.58	<0.5	14	55	196	3.68	40	4.35	130
I272960		<0.5	6.82	13	1050	1.2	<2	2.49	<0.5	8	36	215	2.67	40	5.19	70
I272961		<0.5	6.78	12	1200	1.1	<2	2.41	<0.5	8	34	193	2.58	40	5.30	100
I272962		<0.5	6.36	16	1790	6.8	<2	3.31	0.8	13	73	221	4.11	30	4.82	130
I272963		<0.5	6.60	26	960	1.1	<2	4.83	<0.5	13	36	152	4.54	30	5.28	200
I272964		0.5	6.36	30	310	1.6	2	4.25	<0.5	14	31	240	4.78	30	4.62	140
I272965		3.9	5.94	25	700	1.2	5	5.42	<0.5	16	32	906	5.29	30	4.24	230
I272966		1.0	5.94	14	450	1.7	<2	5.29	<0.5	18	40	284	5.37	20	4.81	310
I272967		<0.5	5.85	25	390	1.0	<2	5.52	<0.5	19	42	217	5.25	20	4.85	260
I272968		<0.5	6.14	25	610	1.6	<2	5.24	<0.5	20	57	239	5.30	30	5.76	260
I272969		0.5	5.80	40	290	3.6	<2	4.21	<0.5	22	88	161	5.00	30	5.14	130

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KIRKLAND LAKE ON P2N 3L1

Finalized Date: 8-APR-2014
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CERTIFICATE OF ANALYSIS VO14041866

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
I272930		1.35	1235	3	0.12	16	3190	311	2.30	19	4	6230	30	0.34	<10	<10
I272931		1.09	1085	1	0.12	11	1930	187	1.69	14	5	4440	20	0.24	10	<10
I272932		0.71	782	4	0.15	11	1560	251	1.53	13	2	3260	20	0.22	<10	<10
I272933		0.66	724	10	0.16	9	1560	317	1.41	9	2	3320	20	0.18	10	<10
I272934		2.95	1525	3	0.11	31	6560	67	2.96	20	5	3960	30	0.41	<10	<10
I272935		1.86	1670	3	0.09	23	3580	278	2.38	14	7	6840	40	0.29	<10	<10
I272936		1.34	1240	21	0.13	21	3370	303	2.16	17	2	3950	30	0.29	<10	<10
I272937		0.80	875	89	0.14	14	1960	300	1.45	10	2	2470	20	0.23	<10	<10
I272938		0.70	814	46	0.14	13	1990	289	1.48	12	1	6270	40	0.18	<10	<10
I272939		0.67	763	21	0.13	10	1440	300	1.36	14	1	5610	30	0.19	<10	<10
I272940		0.67	749	44	0.17	12	1430	269	1.24	14	1	4460	30	0.19	<10	<10
I272941		0.58	640	13	0.16	9	1150	225	1.31	16	1	3170	20	0.18	<10	<10
I272942		0.98	972	4	0.16	13	1700	196	1.29	17	1	4000	20	0.24	<10	<10
I272943		0.72	864	5	0.16	15	1280	398	1.33	17	1	6180	30	0.23	<10	<10
I272944		1.92	1455	13	0.08	27	1920	732	0.65	14	7	8700	70	0.26	<10	<10
I272945		1.32	1315	47	0.12	24	2470	382	1.38	18	3	5820	50	0.31	10	10
I272946		2.04	1925	2	0.10	34	5760	387	0.83	23	13	6380	70	0.54	<10	<10
I272947		0.86	1075	5	0.14	15	2100	258	0.86	10	2	5900	30	0.23	<10	<10
I272948		0.98	1140	5	0.15	21	2650	186	1.90	17	2	5410	30	0.29	<10	<10
I272949		0.84	962	11	0.14	13	1920	137	1.41	14	2	4450	20	0.24	<10	<10
I272950		0.56	312	<1	0.02	3	200	3	0.17	<5	1	447	<20	0.02	<10	<10
I272951		2.04	514	1	3.43	87	1130	36	0.01	<5	6	344	<20	0.63	<10	<10
I272952		2.28	1555	2	0.15	46	3150	107	3.02	21	12	5280	40	0.33	<10	<10
I272953		2.49	1770	<1	0.09	44	3400	150	1.84	10	12	7260	60	0.34	<10	<10
I272954		2.55	1520	<1	0.13	50	3800	219	0.46	15	13	4780	40	0.36	<10	<10
I272955		2.57	1420	2	0.31	47	3550	140	0.61	12	12	4830	50	0.36	<10	<10
I272956		1.96	1705	4	0.21	38	3910	211	2.34	19	7	>10000	80	0.42	10	<10
I272957		2.79	1780	7	0.22	50	5490	382	0.74	14	13	7890	60	0.44	<10	10
I272958		2.56	1670	5	0.22	56	4200	110	2.22	15	11	6440	40	0.38	<10	<10
I272959		1.28	1215	11	0.11	27	2710	200	1.98	21	6	7330	50	0.33	<10	<10
I272960		0.72	931	14	0.11	11	1710	285	1.78	19	5	6980	40	0.27	10	<10
I272961		0.69	915	26	0.13	12	1710	148	1.61	23	3	6170	30	0.27	<10	<10
I272962		1.70	1100	33	0.13	32	2760	264	1.11	17	7	6010	40	0.34	<10	<10
I272963		1.21	1635	173	0.14	17	2330	101	1.64	21	4	7600	70	0.42	<10	10
I272964		1.16	1560	7	0.14	17	2530	304	2.68	16	3	>10000	60	0.41	10	<10
I272965		1.37	2080	4	0.12	19	6900	1695	1.46	14	2	9630	70	0.40	<10	<10
I272966		1.58	2040	8	0.12	22	3680	596	1.86	19	4	>10000	80	0.41	<10	<10
I272967		1.71	2030	11	0.11	23	3790	114	2.24	21	4	8910	80	0.40	10	<10
I272968		1.82	1890	46	0.25	31	2800	126	2.21	23	6	7120	70	0.43	<10	<10
I272969		2.45	1145	490	0.27	44	4160	117	3.68	20	12	3890	40	0.37	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
I272930		232	20	226
I272931		153	10	238
I272932		114	10	214
I272933		112	10	188
I272934		618	30	156
I272935		221	20	238
I272936		266	10	125
I272937		213	10	264
I272938		158	20	199
I272939		170	10	136
I272940		166	10	165
I272941		158	10	131
I272942		295	<10	199
I272943		161	10	387
I272944		270	10	272
I272945		207	10	113
I272946		493	10	268
I272947		181	10	57
I272948		212	10	68
I272949		168	10	57
I272950		6	<10	17
I272951		79	<10	48
I272952		383	20	105
I272953		352	20	124
I272954		468	10	1060
I272955		509	10	212
I272956		421	20	176
I272957		499	10	207
I272958		481	20	165
I272959		306	10	134
I272960		235	10	163
I272961		205	10	138
I272962		417	10	699
I272963		313	10	146
I272964		307	10	235
I272965		438	10	137
I272966		340	10	263
I272967		302	20	190
I272968		365	20	236
I272969		404	30	155

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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
I272970		<0.5	5.90	36	1030	9.1	<2	5.08	<0.5	22	99	141	5.23	30	4.79	120
I272971		<0.5	5.88	31	2370	9.7	<2	5.53	<0.5	24	94	220	5.51	20	5.02	230
I272972		<0.5	5.87	17	7310	5.7	<2	5.89	<0.5	17	99	148	5.48	20	4.77	140
I272973		<0.5	5.55	48	740	1.9	<2	6.07	<0.5	18	95	185	5.24	20	4.77	140
I272974		<0.5	5.55	27	480	1.4	<2	6.93	<0.5	15	50	220	5.43	20	4.65	340
I272975		<0.5	0.36	<5	80	<0.5	<2	36.6	<0.5	2	5	4	0.40	<10	0.21	10
I272976		1.1	7.57	89	140	4.3	<2	2.31	<0.5	21	66	82	5.47	20	3.64	10
I272977		<0.5	5.78	31	340	1.7	<2	6.47	<0.5	22	85	124	5.09	30	4.84	160
I272978		<0.5	5.95	26	500	1.7	<2	5.80	<0.5	21	102	341	5.20	20	4.87	130
I272979		<0.5	5.67	14	5110	2.1	<2	6.09	<0.5	9	89	299	4.59	20	4.49	140
I272980		<0.5	6.26	13	1390	1.2	<2	5.36	<0.5	15	55	143	5.01	30	4.69	230
I272981		<0.5	6.52	14	1230	1.3	<2	4.75	<0.5	15	51	101	4.80	30	5.02	180
I272982		<0.5	6.57	18	1070	1.3	<2	4.71	<0.5	14	49	125	4.80	30	4.88	180
I272983		<0.5	6.75	20	2460	4.6	<2	4.26	<0.5	21	65	45	5.23	30	5.07	40
I272984		<0.5	6.51	23	750	1.7	<2	4.70	<0.5	14	47	214	4.90	30	5.20	180
I272985		<0.5	6.40	20	760	1.7	<2	3.65	<0.5	11	44	157	3.77	30	4.41	140
I272986		<0.5	6.16	18	1800	4.2	4	4.03	<0.5	16	70	181	4.82	30	4.60	190
I272987		<0.5	6.58	31	910	7.0	4	3.74	<0.5	16	60	368	4.83	40	4.64	250
I272988		<0.5	6.23	33	950	6.1	<2	4.48	<0.5	12	51	376	4.62	40	4.38	430
I272989		<0.5	6.37	19	2120	5.9	4	3.71	<0.5	17	57	313	4.79	30	4.50	210
I272990		<0.5	6.21	24	1400	5.6	<2	4.06	<0.5	14	54	257	4.67	30	4.35	260
I272991		<0.5	6.33	20	960	3.0	<2	4.80	<0.5	14	52	256	4.78	30	4.25	200
I272992		<0.5	6.39	19	1700	4.1	<2	5.06	<0.5	13	51	225	4.85	30	4.53	200
I272993		<0.5	6.21	18	1120	5.0	<2	4.70	<0.5	13	50	230	4.48	30	4.31	260
I272994		<0.5	6.60	25	2800	3.5	<2	2.66	<0.5	7	25	280	2.65	50	4.46	170
I272995		<0.5	6.16	40	710	3.0	<2	4.82	<0.5	18	90	251	5.17	30	4.39	270
I272996		<0.5	6.04	13	2310	2.7	<2	5.85	<0.5	12	90	140	4.65	30	4.51	240
I272997		<0.5	5.74	14	2650	2.4	<2	6.76	<0.5	12	43	203	4.60	30	4.55	400
I272998		<0.5	6.12	18	2400	3.0	<2	5.58	<0.5	12	44	156	4.73	30	4.31	280
I272999		<0.5	6.14	12	1100	1.1	<2	5.74	<0.5	15	47	174	5.39	30	4.33	300
I273000		<0.5	0.40	<5	130	<0.5	<2	35.7	<0.5	1	5	4	0.42	<10	0.24	10

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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
I272970		2.74	1455	2	0.38	50	3540	88	1.36	13	15	4910	40	0.38	<10	<10
I272971		2.87	1450	5	0.39	51	4240	90	0.88	14	13	5480	60	0.35	10	<10
I272972		2.81	1480	2	0.28	51	3360	181	0.52	18	14	6620	50	0.33	10	<10
I272973		2.42	1590	1	0.09	46	4110	210	1.86	13	14	6030	40	0.33	<10	<10
I272974		1.45	2170	1	0.11	26	6340	161	1.83	21	11	9250	80	0.57	<10	<10
I272975		0.52	331	<1	0.02	<1	190	4	0.17	<5	1	509	<20	0.02	<10	<10
I272976		1.76	438	2	3.43	72	1000	56	3.05	<5	5	322	<20	0.54	10	<10
I272977		2.16	1800	30	0.11	42	3950	98	2.77	18	13	5170	40	0.41	10	<10
I272978		2.27	1545	6	0.10	44	3590	50	2.34	12	14	3780	30	0.35	10	<10
I272979		2.11	1490	1	0.11	30	3670	46	0.65	8	12	5640	40	0.30	<10	<10
I272980		1.56	1750	3	0.13	25	2570	136	0.99	15	7	8460	60	0.44	10	<10
I272981		1.50	1515	1	0.42	22	1840	74	1.36	12	8	7210	40	0.39	10	<10
I272982		1.35	1510	3	0.38	23	1890	83	1.43	11	6	5890	40	0.41	<10	<10
I272983		2.37	1210	5	1.36	18	1360	40	0.93	12	19	2970	20	0.29	<10	<10
I272984		1.28	1550	1	0.18	22	2160	101	1.98	10	5	3910	40	0.44	<10	<10
I272985		1.13	1340	43	0.23	20	2180	269	1.57	14	4	4570	40	0.38	<10	<10
I272986		1.63	1605	13	0.55	27	2640	228	0.99	8	6	5440	50	0.41	<10	<10
I272987		1.45	1465	31	0.59	28	3030	309	1.36	9	5	6270	60	0.45	<10	<10
I272988		1.32	1565	39	0.24	28	3060	272	1.15	12	6	8030	80	0.44	<10	<10
I272989		1.42	1620	22	0.82	28	3720	473	0.83	6	3	6440	50	0.45	<10	<10
I272990		1.33	1505	21	0.36	27	2850	233	0.96	8	6	9530	70	0.43	<10	<10
I272991		1.23	1690	16	0.30	23	2090	176	1.12	7	6	>10000	70	0.44	10	<10
I272992		1.35	1655	9	0.24	24	2530	223	0.84	6	7	>10000	70	0.46	10	<10
I272993		1.24	1540	57	0.37	23	2300	134	1.03	<5	6	>10000	70	0.44	<10	<10
I272994		0.72	811	326	0.16	12	1420	182	0.96	<5	5	7570	50	0.23	<10	<10
I272995		1.96	1470	242	0.35	35	2410	195	1.53	9	9	4100	50	0.40	10	<10
I272996		1.57	1755	3	0.13	42	2280	210	0.58	6	7	>10000	90	0.40	<10	<10
I272997		1.14	1920	4	0.14	25	1920	182	0.52	<5	6	>10000	120	0.42	<10	<10
I272998		1.30	1855	19	0.15	24	2180	105	0.64	<5	5	>10000	100	0.42	<10	<10
I272999		1.36	2140	25	0.18	26	2690	131	1.09	11	5	8270	80	0.47	<10	<10
I273000		0.50	343	<1	0.03	2	230	5	0.19	<5	1	505	<20	0.02	<10	<10

***** 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: 8-APR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14041866

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
I272970		481	10	178
I272971		289	10	208
I272972		370	10	269
I272973		294	10	230
I272974		413	20	93
I272975		7	<10	15
I272976		69	<10	95
I272977		306	20	106
I272978		274	20	96
I272979		288	10	80
I272980		375	10	109
I272981		345	10	187
I272982		398	10	184
I272983		409	<10	122
I272984		421	10	220
I272985		321	<10	322
I272986		462	<10	226
I272987		556	<10	314
I272988		586	<10	261
I272989		465	<10	220
I272990		420	<10	215
I272991		380	<10	230
I272992		406	<10	273
I272993		448	<10	180
I272994		316	<10	291
I272995		447	<10	252
I272996		497	<10	231
I272997		454	<10	292
I272998		483	<10	200
I272999		449	<10	273
I273000		7	<10	19

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CERTIFICATE OF ANALYSIS VO14041866

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