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: 14-APR-2014
Account: OSIKLI

CERTIFICATE SD14052596

Project: MU

P.O. No.: KL 000348

This report is for 140 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 SD14052596

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
I274872		<0.5	6.99	47	2520	2.2	2	4.16	<0.5	7	55	89	2.74	20	4.57	30
I274873		<0.5	7.04	48	2450	2.3	<2	3.34	<0.5	8	54	96	2.92	20	4.61	30
I274874		<0.5	6.52	60	2200	3.7	2	3.32	<0.5	9	57	96	2.78	20	4.34	30
I274875		<0.5	0.43	5	20	<0.5	<2	36.9	<0.5	<1	5	2	0.42	<10	0.25	10
I274876		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
I274877		<0.5	5.97	61	1790	3.1	<2	2.60	<0.5	9	55	82	2.47	20	4.37	30
I274878		<0.5	5.97	27	2220	2.2	<2	2.81	<0.5	8	56	88	2.40	20	4.24	20
I274879		<0.5	5.79	20	1850	2.0	3	2.80	<0.5	8	52	102	2.43	20	4.14	20
I274880		<0.5	5.84	17	2060	1.6	2	3.19	<0.5	7	51	88	2.37	20	4.54	30
I274881		<0.5	6.13	28	2040	1.1	2	2.62	<0.5	9	57	92	2.36	20	5.03	30
I274882		<0.5	5.87	26	1600	1.1	<2	2.49	<0.5	9	56	85	2.24	10	4.51	30
I274883		<0.5	6.17	27	1660	1.2	2	2.94	<0.5	10	57	80	2.57	20	4.95	30
I274884		<0.5	5.93	38	1600	0.9	3	3.22	<0.5	8	48	59	2.32	10	4.75	30
I274885		<0.5	6.00	42	2090	1.6	<2	2.85	<0.5	9	53	66	2.38	20	4.64	30
I274886		<0.5	5.83	39	2050	1.5	<2	3.25	<0.5	8	49	41	2.33	20	4.46	30
I274887		<0.5	6.46	27	2210	2.0	<2	3.54	<0.5	10	51	66	2.67	20	5.02	30
I274888		<0.5	6.45	39	2240	2.0	<2	3.15	<0.5	11	57	91	2.75	20	4.34	30
I274889		<0.5	6.31	39	2390	2.0	4	2.95	<0.5	9	52	70	2.42	20	4.73	30
I274890		<0.5	5.88	34	2280	1.8	<2	3.59	<0.5	8	49	48	2.46	20	4.42	20
I274891		<0.5	5.94	24	2310	1.3	2	3.04	<0.5	8	47	76	2.18	20	5.05	30
I274892		<0.5	5.75	20	2110	1.6	2	3.24	<0.5	7	46	103	2.35	10	4.20	20
I274893		<0.5	6.13	21	2020	2.1	2	2.95	<0.5	7	56	101	2.26	20	5.04	30
I274894		<0.5	5.85	26	2050	1.3	<2	3.17	<0.5	8	49	52	2.13	10	4.86	30
I274895		<0.5	6.00	36	1880	2.1	<2	4.17	<0.5	10	52	55	2.83	20	4.65	30
I274896		<0.5	6.47	24	2300	2.0	<2	4.31	<0.5	11	50	72	2.72	20	5.08	30
I274897		<0.5	5.97	23	2090	1.4	3	3.32	<0.5	7	50	127	2.26	20	5.06	30
I274898		<0.5	6.40	35	2510	2.3	<2	3.86	<0.5	10	48	57	2.67	20	4.45	30
I274899		<0.5	5.96	32	2090	1.6	<2	3.92	<0.5	8	46	38	2.53	10	4.72	30
I274900		<0.5	0.33	<5	20	<0.5	<2	34.1	0.5	2	4	2	0.36	<10	0.19	10
I274901		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
I274902		<0.5	6.44	37	2280	1.9	3	4.92	<0.5	12	48	65	2.87	20	4.56	30
I274903		<0.5	5.78	26	2530	1.3	<2	3.84	<0.5	8	46	59	2.31	20	4.34	20
I274904		<0.5	5.86	25	2360	2.5	3	3.69	<0.5	8	48	44	2.31	10	5.07	30
I274905		<0.5	5.92	29	2290	2.7	5	4.51	<0.5	9	46	45	2.51	20	5.30	30
I274906		<0.5	6.73	20	2460	2.8	<2	5.54	<0.5	9	47	40	2.91	20	4.83	30
I274907		<0.5	5.70	23	1770	2.0	<2	2.21	<0.5	9	50	79	2.12	10	4.35	20
I274908		<0.5	5.99	19	1720	2.0	3	1.58	<0.5	8	65	92	2.11	20	4.95	30
I274909		<0.5	5.90	15	1780	2.0	<2	1.62	<0.5	7	54	119	2.15	20	4.73	30
I274910		<0.5	5.75	23	1870	1.9	2	2.07	<0.5	9	53	94	2.07	10	4.65	30
I274911		<0.5	5.87	37	2210	2.5	<2	3.28	<0.5	10	50	85	2.43	20	4.60	30

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Finalized Date: 14-APR-2014
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Project: MU

CERTIFICATE OF ANALYSIS SD14052596

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
I274872		1.51	668	2	0.23	17	860	24	0.82	<5	7	764	<20	0.16	<10	<10
I274873		1.26	641	1	0.20	18	770	21	1.18	<5	7	623	<20	0.14	<10	<10
I274874		1.27	590	2	0.18	18	690	18	1.22	6	7	602	<20	0.14	<10	<10
I274875		0.53	321	<1	0.02	5	190	<2	0.18	<5	1	435	<20	0.02	<10	<10
I274876		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
I274877		1.03	407	8	0.20	17	590	29	1.60	19	6	529	<20	0.14	<10	<10
I274878		1.02	554	3	0.18	12	620	21	0.84	6	7	706	<20	0.13	10	<10
I274879		1.05	561	1	0.16	15	660	19	0.55	<5	7	649	<20	0.11	10	<10
I274880		1.13	603	1	0.19	11	700	17	0.54	<5	7	777	<20	0.12	<10	<10
I274881		0.98	509	2	0.20	16	610	22	0.97	<5	7	688	<20	0.13	<10	<10
I274882		0.93	453	2	0.21	14	660	22	0.82	<5	6	489	<20	0.10	10	<10
I274883		1.15	521	2	0.23	16	660	20	0.78	<5	7	585	<20	0.11	<10	<10
I274884		1.26	483	2	0.18	14	510	20	0.71	9	6	667	<20	0.10	10	<10
I274885		1.13	481	3	0.21	14	520	20	1.21	8	6	826	<20	0.13	<10	<10
I274886		1.29	556	3	0.18	12	580	24	0.95	12	6	856	<20	0.12	10	<10
I274887		1.43	549	2	0.19	15	610	18	1.05	<5	7	869	<20	0.13	<10	<10
I274888		1.20	546	2	0.20	17	690	21	1.29	9	7	753	<20	0.13	<10	<10
I274889		1.12	513	3	0.15	13	620	15	1.06	12	7	778	<20	0.13	<10	<10
I274890		1.46	569	7	0.20	14	570	16	0.94	10	7	907	<20	0.14	<10	<10
I274891		1.20	485	2	0.17	12	570	21	0.65	<5	6	954	<20	0.13	<10	<10
I274892		1.22	551	2	0.17	13	600	19	0.64	<5	6	867	<20	0.11	<10	<10
I274893		1.14	522	2	0.17	12	700	19	0.65	5	7	768	<20	0.12	<10	<10
I274894		1.23	492	3	0.25	10	630	13	0.68	6	6	706	<20	0.12	<10	<10
I274895		1.77	631	5	0.23	15	640	27	1.20	12	7	929	<20	0.14	<10	<10
I274896		1.75	623	5	0.24	16	670	30	0.89	6	8	1085	<20	0.15	<10	<10
I274897		1.32	491	3	0.23	14	590	26	0.75	9	6	775	<20	0.11	10	<10
I274898		1.52	549	2	0.24	16	600	24	1.10	7	7	859	<20	0.14	10	<10
I274899		1.59	550	3	0.18	12	620	15	0.99	11	7	865	<20	0.12	10	<10
I274900		0.47	309	1	0.02	<1	200	<2	0.15	<5	1	410	<20	0.02	<10	<10
I274901		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
I274902		2.02	698	3	0.20	17	680	21	0.95	10	8	1280	<20	0.15	<10	<10
I274903		1.51	538	2	0.23	13	640	25	0.71	<5	7	1065	<20	0.13	<10	<10
I274904		1.49	528	4	0.17	11	670	17	0.74	8	7	828	<20	0.13	<10	<10
I274905		1.91	636	3	0.19	12	610	35	0.67	14	7	960	<20	0.14	10	<10
I274906		2.34	870	1	0.16	14	640	31	0.52	14	9	1255	<20	0.16	<10	<10
I274907		0.85	414	2	0.10	12	620	29	0.85	<5	6	467	<20	0.08	<10	<10
I274908		0.68	314	2	0.09	14	650	11	0.68	5	6	374	<20	0.08	<10	<10
I274909		0.69	349	2	0.09	14	620	10	0.54	5	6	416	<20	0.08	<10	<10
I274910		0.79	408	2	0.12	12	620	15	0.71	<5	6	454	<20	0.09	<10	<10
I274911		1.33	526	2	0.16	16	630	34	1.02	8	7	647	<20	0.12	<10	<10

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Finalized Date: 14-APR-2014
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CERTIFICATE OF ANALYSIS SD14052596

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
I274872		109	20	39
I274873		122	20	33
I274874		132	20	30
I274875		7	<10	10
I274876		NSS	NSS	NSS
I274877		105	30	24
I274878		124	20	36
I274879		126	20	50
I274880		121	20	40
I274881		98	30	40
I274882		70	20	34
I274883		99	20	35
I274884		65	20	29
I274885		93	30	29
I274886		89	20	27
I274887		131	20	53
I274888		141	20	55
I274889		108	30	40
I274890		126	30	44
I274891		98	30	44
I274892		126	20	47
I274893		129	30	39
I274894		99	40	29
I274895		161	60	56
I274896		113	50	59
I274897		87	30	51
I274898		154	40	56
I274899		104	40	43
I274900		6	<10	17
I274901		NSS	NSS	NSS
I274902		157	50	60
I274903		97	30	45
I274904		77	30	38
I274905		123	20	51
I274906		170	30	77
I274907		77	20	29
I274908		94	20	33
I274909		90	20	38
I274910		71	20	32
I274911		112	20	59

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CERTIFICATE OF ANALYSIS SD14052596

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
I274912		<0.5	6.21	27	2500	3.1	<2	4.09	<0.5	8	46	89	2.65	20	4.95	30
I274913		<0.5	6.24	25	2220	2.6	<2	4.00	<0.5	9	47	90	2.45	20	5.10	30
I274914		<0.5	6.01	16	1880	1.6	<2	2.82	<0.5	7	49	83	2.28	10	5.24	30
I274915		<0.5	6.42	20	2570	1.1	<2	2.92	<0.5	8	49	28	2.25	10	5.29	30
I274916		<0.5	5.76	30	2060	1.0	<2	3.23	<0.5	8	50	61	2.29	10	4.82	20
I274917		0.5	5.23	42	1740	1.1	<2	3.80	<0.5	7	48	83	2.42	10	5.11	20
I274918		<0.5	5.82	26	1970	1.3	<2	3.37	<0.5	8	47	137	2.16	10	4.93	30
I274919		<0.5	6.11	21	2070	1.1	<2	3.74	<0.5	8	48	73	2.30	10	4.80	30
I274920		<0.5	6.34	28	1990	0.8	<2	3.99	<0.5	7	45	25	2.57	20	4.89	30
I274921		<0.5	6.14	33	1810	1.2	<2	3.42	<0.5	9	56	55	2.46	10	4.96	30
I274922		<0.5	5.71	24	1910	1.2	<2	3.03	<0.5	7	51	71	2.04	10	5.43	30
I274923		<0.5	6.22	18	2160	2.0	<2	3.26	<0.5	6	56	106	2.29	10	5.45	30
I274924		<0.5	5.82	22	1840	2.0	<2	2.86	<0.5	9	50	144	2.13	10	5.48	30
I274925		<0.5	0.44	<5	20	<0.5	4	35.3	<0.5	<1	5	2	0.44	<10	0.25	<10
I274926		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
I274927		<0.5	6.00	17	1910	2.5	<2	3.06	<0.5	7	46	131	2.21	10	5.44	30
I274928		<0.5	6.35	18	3250	1.5	<2	4.14	<0.5	5	46	63	2.48	20	5.14	30
I274929		0.5	5.19	20	1880	1.0	<2	4.75	<0.5	6	41	37	2.41	10	4.31	20
I274930		<0.5	6.61	17	2240	1.2	<2	3.76	<0.5	8	47	70	2.43	20	5.22	30
I274931		<0.5	6.33	17	2390	3.9	<2	2.84	<0.5	6	45	78	2.16	10	4.98	30
I274932		<0.5	6.64	22	2300	3.7	<2	2.74	<0.5	7	52	107	2.21	20	5.12	30
I274933		<0.5	6.77	24	2060	3.1	<2	2.99	<0.5	7	50	100	2.38	20	4.96	30
I274934		<0.5	7.51	26	2670	5.2	3	2.86	<0.5	11	56	124	2.83	20	5.17	30
I274935		<0.5	7.02	26	2320	3.0	<2	2.89	<0.5	9	53	121	2.75	20	5.39	30
I274936		<0.5	6.71	23	2210	2.7	<2	2.41	<0.5	7	55	92	2.40	20	4.95	30
I274937		<0.5	6.44	13	2190	1.9	<2	2.43	<0.5	7	48	70	2.36	20	5.66	30
I274938		<0.5	7.24	16	2410	1.7	<2	3.07	<0.5	7	51	97	2.71	20	5.38	30
I274939		<0.5	6.44	15	1970	6.7	<2	2.90	<0.5	7	50	76	2.30	20	4.72	30
I274940		<0.5	6.63	12	1980	3.5	<2	4.13	<0.5	6	46	91	2.71	20	5.85	30
I274941		<0.5	6.39	11	1940	2.4	<2	2.19	<0.5	7	50	85	2.19	20	5.32	30
I274942		<0.5	6.70	13	2020	2.1	<2	2.62	<0.5	8	47	95	2.35	20	5.30	30
I274943		<0.5	6.64	12	2070	2.7	<2	2.37	<0.5	8	51	104	2.53	20	5.37	30
I274944		<0.5	6.44	13	2180	1.9	<2	2.12	<0.5	8	53	97	2.32	20	5.11	30
I274945		<0.5	6.26	11	2360	1.2	<2	2.05	<0.5	7	51	62	2.19	20	4.71	20
I274946		<0.5	6.19	14	2070	2.4	<2	2.43	<0.5	8	53	106	2.38	20	5.91	20
I274947		<0.5	6.20	16	2220	2.4	<2	2.82	<0.5	10	71	86	2.43	20	5.11	20
I274948		<0.5	5.91	18	2000	2.2	3	2.27	<0.5	9	56	93	2.52	20	3.95	20
I274949		<0.5	6.22	17	1980	2.0	<2	2.05	<0.5	10	54	89	2.38	20	4.63	30
I274950		<0.5	0.46	<5	30	<0.5	<2	34.0	<0.5	1	6	3	0.44	<10	0.27	10
I274951		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS

***** 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: 14-APR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS SD14052596

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
I274912		1.71	615	3	0.21	19	580	26	0.92	<5	7	842	<20	0.12	10	<10
I274913		1.59	622	2	0.15	15	680	49	0.73	5	7	822	<20	0.13	10	<10
I274914		1.11	529	2	0.10	15	620	16	0.83	<5	7	544	<20	0.09	<10	<10
I274915		1.12	529	2	0.14	16	600	14	0.91	<5	6	528	<20	0.09	10	<10
I274916		1.25	577	3	0.14	16	640	19	0.91	<5	6	525	<20	0.08	10	<10
I274917		1.57	549	2	0.13	15	490	62	0.96	<5	6	657	<20	0.08	10	<10
I274918		1.33	538	4	0.13	14	600	130	0.74	5	6	633	<20	0.10	<10	<10
I274919		1.49	578	4	0.15	16	630	122	0.76	<5	7	642	<20	0.11	<10	<10
I274920		1.56	681	3	0.23	16	620	62	0.96	<5	7	645	<20	0.09	<10	<10
I274921		1.37	577	5	0.12	16	560	56	1.09	<5	7	548	<20	0.10	<10	<10
I274922		1.16	543	3	0.13	13	630	29	0.69	<5	6	550	<20	0.07	<10	<10
I274923		1.33	579	2	0.14	12	620	18	0.64	<5	7	640	<20	0.10	<10	<10
I274924		1.19	517	2	0.18	15	610	17	0.67	<5	6	530	<20	0.11	<10	<10
I274925		0.53	323	1	0.02	5	210	3	0.20	<5	1	436	<20	0.02	<10	<10
I274926		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
I274927		1.24	556	3	0.15	14	630	11	0.65	<5	6	515	<20	0.10	<10	<10
I274928		1.63	744	2	0.15	12	620	113	0.68	<5	7	712	<20	0.09	10	<10
I274929		2.01	714	3	0.24	12	620	179	0.61	<5	6	810	<20	0.08	10	<10
I274930		1.48	640	2	0.35	16	720	178	0.78	6	7	787	<20	0.09	<10	<10
I274931		1.08	533	2	0.16	12	670	87	0.85	<5	6	637	<20	0.08	10	<10
I274932		1.12	517	2	0.21	16	620	51	0.81	<5	7	548	<20	0.11	<10	<10
I274933		1.30	554	2	0.72	18	660	35	0.94	<5	8	546	<20	0.12	<10	<10
I274934		1.26	555	4	0.19	22	670	30	1.38	6	9	675	<20	0.12	10	<10
I274935		1.33	596	2	0.11	18	680	18	1.12	<5	8	620	<20	0.10	<10	<10
I274936		1.07	474	2	0.11	17	640	20	0.90	5	7	528	<20	0.08	<10	<10
I274937		1.15	523	1	0.08	16	680	11	0.59	<5	7	443	<20	0.07	<10	<10
I274938		1.31	664	2	0.11	15	730	12	0.59	<5	8	541	<20	0.09	10	<10
I274939		1.27	536	1	0.20	14	700	15	0.51	<5	7	514	<20	0.08	10	<10
I274940		1.87	736	1	0.34	17	700	35	0.46	<5	7	709	<20	0.09	10	<10
I274941		0.93	429	1	0.26	13	680	14	0.61	<5	6	423	<20	0.07	<10	<10
I274942		1.15	526	<1	0.33	15	640	17	0.71	<5	7	512	<20	0.08	<10	<10
I274943		1.13	497	1	0.09	18	670	17	0.61	<5	7	527	<20	0.08	<10	10
I274944		0.93	439	1	0.09	15	740	9	0.60	<5	7	507	<20	0.07	<10	<10
I274945		0.88	403	1	0.09	15	660	11	0.78	<5	6	500	<20	0.07	10	<10
I274946		1.07	493	1	0.08	15	700	19	0.56	<5	6	548	<20	0.08	<10	<10
I274947		1.15	554	1	0.08	27	680	23	0.57	<5	7	670	<20	0.10	<10	<10
I274948		0.98	489	2	0.09	15	670	18	0.67	<5	6	530	<20	0.10	<10	<10
I274949		0.90	436	<1	0.09	12	680	12	0.60	<5	7	463	<20	0.09	<10	<10
I274950		0.56	332	<1	0.02	<1	190	2	0.18	<5	1	429	<20	0.02	<10	<10
I274951		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS

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

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

Finalized Date: 14-APR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS SD14052596

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
I274912		91	20	65
I274913		102	20	70
I274914		99	20	40
I274915		91	20	38
I274916		62	10	45
I274917		81	10	52
I274918		86	20	60
I274919		91	20	46
I274920		65	10	39
I274921		90	10	39
I274922		68	10	39
I274923		103	10	45
I274924		89	20	42
I274925		7	<10	15
I274926		NSS	NSS	NSS
I274927		81	10	44
I274928		85	10	97
I274929		75	10	51
I274930		99	20	59
I274931		74	10	50
I274932		123	20	48
I274933		123	20	61
I274934		182	20	57
I274935		138	20	64
I274936		124	10	46
I274937		114	10	60
I274938		139	20	61
I274939		86	10	51
I274940		116	10	65
I274941		81	10	48
I274942		84	10	55
I274943		120	10	61
I274944		114	10	52
I274945		89	10	47
I274946		109	10	56
I274947		139	10	50
I274948		127	10	53
I274949		124	20	50
I274950		8	<10	11
I274951		NSS	NSS	NSS

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CERTIFICATE OF ANALYSIS SD14052596

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
I274952		<0.5	5.88	17	1940	2.3	<2	2.08	<0.5	10	58	77	2.34	20	4.78	30
I274953		<0.5	6.67	18	2050	8.4	<2	5.08	<0.5	13	47	52	3.60	10	4.86	30
I274954		<0.5	6.80	16	2030	2.1	<2	4.26	<0.5	13	65	67	3.72	20	4.69	30
I274955		<0.5	6.76	20	1960	2.3	<2	4.34	<0.5	15	61	56	3.87	20	4.56	30
I274956		<0.5	6.29	18	1940	2.2	<2	3.57	<0.5	12	63	52	3.19	20	4.27	30
I274957		<0.5	6.91	12	1990	2.9	<2	3.94	<0.5	13	62	76	3.43	20	4.56	30
I274958		<0.5	6.81	9	2060	2.6	<2	5.72	<0.5	15	63	49	3.70	20	4.77	40
I274959		<0.5	6.58	14	2050	3.5	<2	4.85	<0.5	12	67	60	3.41	20	4.77	40
I274960		<0.5	6.41	17	1920	2.9	<2	4.98	<0.5	16	62	56	3.49	20	4.43	40
I274961		<0.5	6.60	11	2120	3.2	<2	4.72	<0.5	12	53	96	3.11	20	4.76	30
I274962		<0.5	6.27	9	2060	1.5	<2	6.67	<0.5	12	39	54	3.35	20	4.38	30
I274963		<0.5	6.33	6	1670	2.1	<2	6.95	<0.5	13	49	52	3.70	20	4.71	30
I274964		<0.5	6.72	10	2010	2.7	<2	6.04	<0.5	15	54	71	3.82	20	4.99	40
I274965		<0.5	6.36	10	2160	2.5	<2	6.64	<0.5	11	37	27	3.06	20	4.45	30
I274966		<0.5	6.41	9	2150	4.0	<2	6.90	<0.5	12	40	38	3.10	20	4.29	30
I274967		<0.5	6.59	20	2160	4.1	<2	6.93	<0.5	17	39	50	4.08	20	4.74	30
I274968		<0.5	6.56	20	2110	3.4	<2	6.00	<0.5	15	53	65	3.64	20	4.32	40
I274969		<0.5	6.36	12	1940	3.8	<2	5.94	<0.5	16	57	50	4.06	20	4.70	30
I274970		<0.5	6.63	13	2220	7.1	<2	4.74	<0.5	18	57	81	4.40	20	4.51	30
I274971		<0.5	6.06	10	2040	1.6	<2	5.57	<0.5	15	26	60	3.48	10	4.31	30
I274972		<0.5	6.86	13	2370	3.0	<2	5.39	<0.5	16	27	70	3.48	20	4.94	40
I274973		<0.5	6.49	10	2110	2.7	<2	4.90	<0.5	18	39	63	3.83	20	4.33	30
I274974		<0.5	6.72	12	2470	2.6	<2	4.70	<0.5	24	59	85	6.86	20	4.44	40
I274975		<0.5	0.39	<5	20	<0.5	<2	35.4	<0.5	1	5	2	0.41	<10	0.23	10
I274976		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
I274977		<0.5	6.37	7	1690	2.6	<2	6.11	<0.5	20	36	53	4.70	20	4.67	40
I274978		<0.5	6.08	6	1880	2.5	<2	3.74	<0.5	16	47	74	3.20	10	4.83	30
I274979		<0.5	6.07	<5	2100	2.8	<2	4.29	<0.5	15	41	57	3.22	20	4.69	30
I274980		<0.5	6.95	10	1890	4.8	<2	4.68	<0.5	25	77	100	5.79	20	4.71	40
I274981		<0.5	7.15	21	2390	5.2	<2	2.53	<0.5	36	86	117	6.88	20	4.63	30
I274982		<0.5	6.88	14	2040	4.3	<2	3.25	<0.5	32	79	102	6.73	20	4.53	40
I274983		<0.5	7.12	14	2460	4.9	<2	3.46	<0.5	26	89	117	5.39	20	4.48	30
I274984		<0.5	7.61	10	2500	5.8	<2	2.83	<0.5	23	90	123	5.01	20	4.58	40
I274985		<0.5	7.38	18	2250	4.9	<2	2.86	<0.5	32	84	111	6.81	20	4.70	40
I274986		<0.5	7.78	15	1830	6.0	2	2.95	<0.5	33	87	116	7.14	20	4.51	40
I274987		<0.5	6.57	7	1700	4.2	<2	5.14	<0.5	23	65	93	5.63	20	4.90	40
I274988		<0.5	6.61	19	1520	3.6	<2	5.95	<0.5	31	63	87	7.06	20	4.24	40
I274989		<0.5	6.34	22	1280	3.5	<2	5.66	<0.5	28	61	87	6.86	20	4.23	40
I274990		<0.5	6.43	26	1280	3.6	<2	5.83	<0.5	32	61	92	7.27	20	4.29	40
I274991		<0.5	6.33	23	1280	3.2	<2	5.80	0.5	30	62	98	7.18	10	4.14	40

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KIRKLAND LAKE ON P2N 3L1

Finalized Date: 14-APR-2014
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CERTIFICATE OF ANALYSIS SD14052596

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
I274952		0.88	387	<1	0.08	13	620	8	0.60	<5	6	441	<20	0.09	<10	<10
I274953		2.10	947	<1	0.11	17	820	25	0.72	<5	9	859	<20	0.12	<10	<10
I274954		1.77	871	<1	0.10	19	960	23	0.58	5	10	640	<20	0.13	<10	<10
I274955		1.76	944	<1	0.10	20	930	32	0.71	5	11	640	<20	0.12	<10	<10
I274956		1.34	715	<1	0.17	17	930	41	0.73	<5	9	519	<20	0.13	10	<10
I274957		1.60	698	<1	0.17	18	1110	40	0.45	8	12	562	<20	0.19	<10	<10
I274958		2.34	815	<1	0.17	20	870	38	0.66	<5	11	804	<20	0.13	<10	<10
I274959		1.91	772	<1	0.14	19	880	45	0.42	<5	9	658	<20	0.13	<10	<10
I274960		1.99	780	<1	0.14	20	830	41	0.58	<5	9	701	<20	0.11	<10	<10
I274961		1.88	597	<1	0.12	15	840	36	0.53	5	8	761	<20	0.15	10	<10
I274962		2.78	727	<1	0.12	13	820	30	0.36	<5	9	901	<20	0.13	<10	<10
I274963		2.89	858	<1	0.11	15	830	27	0.27	6	10	947	<20	0.14	<10	<10
I274964		2.50	765	<1	0.22	21	1040	27	0.39	7	13	852	<20	0.20	<10	<10
I274965		2.74	590	<1	0.12	13	800	32	0.18	<5	8	913	<20	0.12	<10	<10
I274966		3.01	586	<1	0.12	16	770	39	0.23	<5	9	1150	<20	0.15	<10	<10
I274967		2.90	1035	<1	0.13	19	850	31	0.48	<5	9	1205	<20	0.13	<10	<10
I274968		2.46	893	<1	0.14	19	880	27	0.42	<5	10	888	<20	0.12	<10	<10
I274969		2.47	1005	<1	0.18	19	890	28	0.39	<5	12	941	<20	0.15	<10	<10
I274970		2.00	763	<1	0.19	18	1280	23	0.17	10	17	808	<20	0.28	<10	<10
I274971		2.19	796	<1	0.18	10	760	27	0.54	5	9	804	<20	0.12	<10	<10
I274972		2.07	774	<1	0.13	11	910	25	0.69	5	9	783	<20	0.15	10	<10
I274973		1.96	904	<1	0.11	15	1140	27	0.17	9	13	790	<20	0.22	<10	<10
I274974		2.03	1390	<1	0.24	20	2270	14	0.14	9	21	883	<20	0.39	10	<10
I274975		0.48	319	<1	0.02	<1	170	3	0.18	<5	1	445	<20	0.02	<10	<10
I274976		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
I274977		2.40	1400	<1	0.17	13	1050	19	0.07	5	13	865	<20	0.20	<10	<10
I274978		1.45	867	<1	0.12	14	1050	19	0.09	6	14	648	<20	0.23	<10	<10
I274979		1.60	906	<1	0.23	11	1030	35	0.05	8	12	742	<20	0.24	10	<10
I274980		1.76	1145	<1	0.22	19	2190	11	0.05	8	28	794	<20	0.47	<10	<10
I274981		1.44	1150	<1	0.06	26	2320	16	0.03	5	30	518	<20	0.42	<10	<10
I274982		1.61	1265	<1	0.11	23	2220	17	0.05	<5	29	633	<20	0.41	<10	<10
I274983		1.46	946	<1	0.09	20	2380	22	0.05	7	29	683	<20	0.48	<10	<10
I274984		1.33	966	<1	0.05	19	2510	14	0.06	7	32	620	<20	0.52	<10	<10
I274985		1.60	1185	<1	0.06	30	2270	13	0.03	6	32	523	<20	0.39	<10	<10
I274986		1.69	1155	<1	0.04	25	2370	8	0.02	8	33	493	<20	0.48	<10	<10
I274987		1.69	1290	<1	0.78	17	1980	61	0.07	<5	28	730	<20	0.46	10	<10
I274988		1.57	1450	<1	1.25	24	1960	19	0.01	6	27	745	<20	0.41	<10	<10
I274989		1.87	1495	<1	0.62	21	1920	9	0.01	<5	26	766	<20	0.37	<10	<10
I274990		2.24	1420	<1	0.22	22	1930	37	0.01	8	27	823	<20	0.38	<10	<10
I274991		2.43	1520	1	0.21	29	1860	27	0.02	11	26	805	<20	0.41	<10	<10

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Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS SD14052596

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
I274952		106	20	44
I274953		99	20	76
I274954		117	20	95
I274955		119	20	85
I274956		98	20	57
I274957		148	30	70
I274958		128	20	70
I274959		106	20	72
I274960		99	20	70
I274961		115	30	60
I274962		101	20	60
I274963		122	20	70
I274964		147	20	70
I274965		95	20	67
I274966		144	20	75
I274967		160	20	86
I274968		122	20	73
I274969		143	30	89
I274970		208	40	85
I274971		87	20	68
I274972		123	20	65
I274973		177	40	80
I274974		274	50	118
I274975		7	<10	13
I274976		NSS	NSS	NSS
I274977		145	30	80
I274978		117	30	49
I274979		107	20	61
I274980		257	30	97
I274981		322	40	127
I274982		290	40	142
I274983		332	40	142
I274984		339	40	119
I274985		276	30	124
I274986		299	30	120
I274987		231	20	159
I274988		234	20	101
I274989		219	20	87
I274990		224	20	103
I274991		212	20	111

***** 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: 14-APR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS SD14052596

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
I274992		<0.5	6.29	15	1380	2.8	<2	5.03	<0.5	24	68	96	6.41	20	4.23	40
I274993		<0.5	6.74	26	1470	2.7	<2	5.05	<0.5	38	75	106	7.29	20	4.47	40
I274994		<0.5	6.12	13	1390	2.3	<2	5.73	<0.5	21	63	87	5.79	10	3.88	30
I274995		<0.5	6.21	14	1470	2.4	<2	4.32	<0.5	26	68	92	5.81	10	4.04	30
I274996		<0.5	6.57	13	1550	2.4	<2	4.18	0.5	30	73	104	6.33	20	4.33	40
I274997		<0.5	6.60	14	1510	2.3	<2	4.16	<0.5	29	75	99	6.26	20	4.25	40
I274998		<0.5	6.39	<5	1400	2.0	<2	5.31	<0.5	25	68	96	6.11	20	3.97	40
I274999		<0.5	6.06	<5	1290	1.7	<2	5.60	<0.5	23	62	91	5.76	20	3.59	30
I275000		<0.5	0.38	<5	20	<0.5	2	35.6	<0.5	<1	5	2	0.43	<10	0.22	<10
I275151		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
I275152		<0.5	6.68	5	1510	1.9	<2	4.68	<0.5	28	74	107	6.56	20	4.18	40
I275153		<0.5	6.46	15	1490	1.8	<2	5.01	<0.5	28	70	97	6.47	20	3.92	40
I275154		<0.5	6.42	16	1520	2.0	<2	5.10	<0.5	28	71	95	6.38	10	4.00	40
I275155		<0.5	6.63	9	1500	2.5	<2	4.28	<0.5	26	74	94	6.13	20	4.09	40
I275156		<0.5	7.14	14	1570	2.6	<2	3.82	<0.5	32	81	106	6.91	20	4.35	40
I275157		<0.5	6.89	14	1500	2.7	2	4.40	<0.5	32	77	106	6.57	20	4.17	40
I275158		<0.5	7.17	15	1590	2.9	<2	3.38	<0.5	29	83	108	6.72	20	4.42	40
I275159		<0.5	6.73	18	1490	3.2	<2	3.52	<0.5	36	78	103	6.65	10	4.28	40
I275160		<0.5	7.96	16	1710	3.7	<2	1.75	<0.5	40	92	120	8.00	20	4.98	50
I275161		<0.5	7.89	12	1660	4.0	<2	3.15	<0.5	33	90	116	7.53	20	4.99	50

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KIRKLAND LAKE ON P2N 3L1

Finalized Date: 14-APR-2014
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Project: MU

CERTIFICATE OF ANALYSIS SD14052596

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
I274992		2.25	1085	1	0.25	23	1900	2	0.02	8	26	701	<20	0.40	<10	<10
I274993		2.58	1335	1	0.28	30	2030	4	0.02	6	28	724	<20	0.43	<10	<10
I274994		2.74	1150	1	0.47	19	1790	3	0.03	6	25	794	<20	0.39	<10	<10
I274995		2.55	1105	<1	0.41	23	1870	7	0.04	9	25	604	<20	0.37	<10	<10
I274996		2.59	1130	<1	0.31	27	1950	5	0.02	11	27	588	<20	0.42	<10	<10
I274997		2.56	973	<1	0.28	27	1970	<2	0.03	10	27	611	<20	0.41	<10	<10
I274998		3.25	1215	<1	0.33	24	1870	5	0.02	9	26	767	<20	0.41	<10	<10
I274999		3.36	1315	<1	0.51	19	1760	2	0.02	10	25	824	<20	0.39	<10	<10
I275000		0.54	319	<1	0.02	7	200	<2	0.18	<5	1	428	<20	0.02	<10	<10
I275151		NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS	NSS
I275152		2.95	1160	<1	0.44	25	1990	<2	0.02	11	28	709	<20	0.40	<10	<10
I275153		2.75	1210	<1	0.47	26	1870	3	0.01	8	26	694	<20	0.40	<10	<10
I275154		2.58	1255	<1	0.57	26	1910	4	0.02	6	27	689	<20	0.40	<10	<10
I275155		2.50	1210	<1	0.50	25	1970	6	0.02	6	28	588	<20	0.39	<10	<10
I275156		2.39	1260	<1	0.66	29	2140	2	0.03	8	30	530	<20	0.40	<10	<10
I275157		2.31	1290	<1	0.54	26	2060	9	0.02	8	29	577	<20	0.45	<10	<10
I275158		1.96	1155	<1	0.41	26	2140	9	0.02	8	30	433	<20	0.43	<10	<10
I275159		2.02	1220	<1	0.26	28	2060	10	0.03	6	28	441	<20	0.40	<10	<10
I275160		1.70	986	<1	0.24	34	2370	<2	0.02	11	34	234	<20	0.38	<10	<10
I275161		1.97	1080	<1	0.28	27	2330	5	0.02	12	32	393	20	0.46	<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
I274992		216	10	86
I274993		232	10	102
I274994		201	10	84
I274995		204	<10	91
I274996		227	<10	98
I274997		225	<10	95
I274998		217	<10	107
I274999		196	<10	103
I275000		6	<10	9
I275151		NSS	NSS	NSS
I275152		228	<10	110
I275153		214	<10	95
I275154		219	<10	90
I275155		227	<10	96
I275156		242	10	101
I275157		238	10	101
I275158		246	10	101
I275159		226	20	103
I275160		268	20	123
I275161		274	20	119

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CERTIFICATE OF ANALYSIS SD14052596

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.
Applies to Method: ALL METHODS

LABORATORY ADDRESSES

Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.
Applies to Method: FND-02

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Applies to Method: ME-ICP61