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: 29-MAR-2014
Account: OSIKLI

CERTIFICATE VO14042595

Project: MU

P.O. No.: KL 000347

This report is for 150 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 VO14042595

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
H406602		0.7	4.82	54	180	2.2	5	5.35	<0.5	19	149	358	4.46	20	4.55	130
H406603		0.9	5.85	49	850	3.0	2	3.35	<0.5	10	73	166	2.88	30	4.90	130
H406604		0.6	6.44	62	740	2.0	5	2.89	<0.5	8	60	173	2.79	30	4.51	120
H406605		1.1	6.16	52	820	3.3	4	2.63	<0.5	8	48	135	2.67	30	5.06	210
H406606		1.0	6.29	47	660	4.1	3	2.55	<0.5	5	51	195	2.28	30	5.02	170
H406607		1.3	6.46	50	920	1.7	2	1.67	<0.5	3	23	174	1.86	30	4.30	140
H406608		0.8	5.84	57	220	2.9	4	4.24	<0.5	15	106	203	4.23	30	5.24	130
H406609		1.2	5.91	59	1200	1.5	3	3.83	<0.5	12	47	342	4.33	30	4.75	180
H406610		1.2	5.43	67	160	1.7	7	4.85	<0.5	16	69	408	5.28	20	4.06	180
H406611		0.9	5.60	50	630	1.3	<2	4.39	<0.5	17	66	294	5.32	20	4.35	230
H406612		0.7	6.30	34	470	1.4	2	3.65	<0.5	11	66	291	4.19	30	4.85	260
H406613		0.6	6.17	35	1180	1.3	<2	2.90	<0.5	9	58	225	2.98	30	4.53	140
H406614		1.3	6.91	45	940	2.1	3	1.62	<0.5	5	34	177	2.04	30	4.61	150
H406615		1.0	6.23	35	830	1.9	2	2.25	<0.5	5	32	297	2.41	30	4.52	210
H406616		0.5	6.06	53	540	1.4	4	4.29	<0.5	16	79	154	4.86	30	4.49	160
H406617		<0.5	6.03	50	550	1.5	5	3.70	<0.5	11	68	226	3.77	20	4.92	140
H406618		0.8	6.69	44	810	1.7	4	2.44	<0.5	5	35	224	2.51	30	5.27	130
H406619		0.8	6.39	61	890	1.6	<2	3.14	<0.5	7	42	249	2.88	30	4.42	140
H406620		0.7	6.50	42	1000	1.5	2	1.77	<0.5	4	25	202	2.16	30	4.72	150
H406621		0.9	6.13	43	870	1.4	<2	2.54	<0.5	9	43	144	2.89	20	4.75	130
H406622		0.5	4.88	69	320	1.9	<2	4.69	0.5	24	205	118	4.64	20	4.12	80
H406623		<0.5	2.72	85	60	3.8	5	4.66	<0.5	78	829	154	7.94	10	0.36	20
H406624		<0.5	2.73	81	60	3.9	5	5.56	<0.5	87	919	173	8.14	10	0.38	20
H406625		<0.5	0.37	<5	40	<0.5	<2	36.0	<0.5	<1	7	4	0.42	<10	0.22	<10
H406626		1.0	7.22	85	130	4.1	<2	2.33	<0.5	18	66	84	5.37	20	3.61	10
H406627		<0.5	2.66	54	30	3.0	2	6.01	<0.5	76	819	141	7.85	10	0.25	20
H406628		<0.5	2.50	65	580	2.9	<2	5.12	<0.5	58	616	96	6.15	10	0.24	20
H406629		<0.5	1.39	12	1200	1.2	<2	1.76	<0.5	10	195	77	2.01	10	1.04	20
H406630		<0.5	5.84	19	1780	0.6	2	1.46	<0.5	6	38	226	1.70	20	4.75	90
H406631		0.5	7.13	34	1390	0.7	<2	2.16	<0.5	8	35	167	2.42	30	4.76	100
H406632		0.5	7.45	32	970	0.8	<2	2.39	<0.5	6	28	121	2.46	30	5.51	100
H406633		0.6	6.76	33	590	1.1	5	2.90	<0.5	11	71	146	3.35	30	4.94	140
H406634		0.7	5.72	24	600	1.2	2	4.72	<0.5	13	69	290	5.55	30	4.25	200
H406635		1.0	5.98	18	440	1.6	2	4.97	1.5	11	88	301	5.41	30	4.44	300
H406636		0.8	6.04	13	900	1.0	<2	3.67	1.2	10	122	131	5.36	30	4.31	280
H406637		0.8	6.03	34	530	2.7	2	3.40	<0.5	10	64	144	3.40	30	4.78	150
H406638		0.8	6.13	34	850	3.6	<2	2.65	<0.5	7	44	193	2.52	30	4.25	90
H406639		0.6	6.06	24	700	1.8	2	3.36	<0.5	6	40	278	3.00	30	4.40	130
H406640		0.8	6.50	33	840	1.1	<2	2.41	<0.5	6	33	175	2.59	30	4.12	120
H406641		<0.5	6.63	24	810	0.8	<2	2.08	<0.5	6	31	116	2.46	20	4.38	100

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Finalized Date: 29-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042595

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
H406602		2.35	1700	166	0.15	51	2260	259	2.93	7	14	7230	50	0.35	<10	<10
H406603		1.33	1145	280	0.19	24	2000	276	1.93	<5	7	4960	50	0.31	<10	<10
H406604		1.00	1035	94	0.24	24	2550	219	2.03	8	4	5010	50	0.27	<10	<10
H406605		0.94	1105	20	0.18	20	2580	437	2.00	7	4	7590	100	0.32	<10	<10
H406606		0.86	991	20	0.18	18	2820	416	1.63	<5	4	6690	70	0.25	<10	<10
H406607		0.57	696	145	0.20	9	1480	256	1.31	9	2	2930	60	0.23	<10	<10
H406608		1.89	1495	68	0.18	34	2140	251	2.88	6	13	8440	60	0.36	<10	<10
H406609		1.40	1735	90	0.16	22	3620	291	3.19	10	9	8180	110	0.43	10	<10
H406610		2.01	2180	86	0.12	29	3970	203	3.51	11	11	9770	160	0.52	10	<10
H406611		1.95	2260	33	0.12	30	4360	214	2.86	15	13	8580	80	0.51	<10	<10
H406612		1.50	1665	55	0.15	29	3470	205	1.87	11	8	5680	100	0.40	<10	<10
H406613		1.11	1170	28	0.16	25	2970	176	1.34	8	4	3780	50	0.30	<10	<10
H406614		0.57	720	94	0.23	11	1220	299	1.52	<5	3	4510	50	0.27	<10	<10
H406615		0.73	1015	35	0.14	17	2170	256	1.72	8	2	4090	60	0.29	10	<10
H406616		1.86	1820	38	0.13	36	2740	127	2.96	14	7	4000	50	0.41	<10	<10
H406617		1.48	1395	66	0.17	28	2340	151	2.15	6	6	4480	50	0.32	<10	<10
H406618		0.90	1135	40	0.17	14	1370	236	1.62	9	4	3300	40	0.30	<10	<10
H406619		1.27	1245	37	0.12	16	1450	235	1.70	9	6	2100	40	0.33	<10	<10
H406620		0.66	855	22	0.12	8	850	271	1.47	10	2	1040	40	0.31	<10	<10
H406621		1.11	998	85	0.10	21	1690	318	1.98	8	4	1375	40	0.33	10	<10
H406622		3.47	1605	22	0.08	190	900	343	1.88	9	10	2000	30	0.36	<10	<10
H406623		10.05	1230	<1	0.02	957	390	17	0.13	11	15	1195	<20	0.41	<10	<10
H406624		11.00	1400	<1	0.02	1130	410	11	0.19	12	16	1100	<20	0.47	<10	<10
H406625		0.55	337	<1	0.02	6	250	<2	0.18	<5	1	428	<20	0.02	<10	<10
H406626		1.75	427	<1	3.40	72	930	56	2.98	<5	5	304	<20	0.53	<10	<10
H406627		9.12	1510	<1	0.02	938	410	13	0.11	7	15	1190	<20	0.49	<10	<10
H406628		6.63	1195	1	0.03	745	240	124	0.16	6	11	1745	<20	0.40	<10	<10
H406629		1.74	521	1	0.03	133	230	240	0.24	<5	3	755	<20	0.12	<10	<10
H406630		0.68	545	<1	0.09	29	1660	55	0.88	8	1	1150	20	0.19	<10	<10
H406631		0.80	983	1	0.13	24	1760	110	1.54	11	1	1485	20	0.26	<10	<10
H406632		0.84	1050	<1	0.12	19	2200	221	1.55	9	1	2230	30	0.26	<10	<10
H406633		1.18	1185	4	0.11	34	2840	193	2.09	11	2	3660	50	0.29	<10	<10
H406634		2.31	2110	<1	0.08	43	2790	168	1.93	12	6	6380	70	0.47	<10	<10
H406635		2.38	2240	1	0.09	50	3810	470	1.59	11	5	7940	120	0.47	<10	<10
H406636		2.04	1905	<1	0.09	61	1850	293	1.48	12	3	6450	60	0.43	<10	<10
H406637		1.22	1320	14	0.16	26	2830	190	2.05	10	4	4560	60	0.29	<10	<10
H406638		0.87	995	39	0.20	19	2380	208	1.66	13	3	3630	50	0.24	<10	<10
H406639		1.17	1415	9	0.17	21	2410	92	1.69	11	3	5510	70	0.30	<10	<10
H406640		0.75	1025	6	0.22	18	2360	179	1.79	11	2	2020	40	0.26	<10	<10
H406641		0.62	937	2	0.20	15	2370	165	1.75	9	1	987	30	0.25	<10	<10

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Project: MU

CERTIFICATE OF ANALYSIS VO14042595

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H406602		388	80	240
H406603		224	70	216
H406604		176	50	240
H406605		180	70	282
H406606		181	50	224
H406607		105	50	117
H406608		311	100	216
H406609		277	80	214
H406610		320	90	210
H406611		340	70	267
H406612		242	50	238
H406613		177	50	160
H406614		111	80	82
H406615		129	70	39
H406616		291	80	78
H406617		248	60	92
H406618		146	80	74
H406619		174	100	75
H406620		103	70	64
H406621		126	80	150
H406622		185	70	314
H406623		129	10	413
H406624		130	<10	384
H406625		7	<10	17
H406626		66	<10	99
H406627		128	10	354
H406628		160	20	315
H406629		55	10	104
H406630		64	30	58
H406631		90	40	64
H406632		90	40	103
H406633		143	40	143
H406634		406	50	324
H406635		442	60	1140
H406636		499	50	827
H406637		216	50	71
H406638		133	50	77
H406639		158	50	56
H406640		94	40	182
H406641		82	40	231

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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
H406642		0.6	7.01	23	1110	0.8	<2	2.23	<0.5	6	32	120	2.58	30	4.11	110
H406643		0.5	6.65	24	1190	1.0	<2	2.06	<0.5	5	32	168	2.42	30	4.06	90
H406644		0.7	6.88	24	1030	1.1	<2	2.19	<0.5	7	32	201	2.51	30	4.29	80
H406645		0.5	7.00	20	1250	1.3	<2	1.82	<0.5	6	35	173	2.30	30	4.22	90
H406646		0.6	6.93	26	1160	1.9	<2	1.91	<0.5	4	33	194	2.16	30	4.84	90
H406647		0.6	7.16	19	1240	1.4	<2	1.95	<0.5	6	30	137	2.20	30	4.45	80
H406648		0.8	7.01	19	1320	1.3	<2	1.91	<0.5	5	30	146	2.09	30	4.23	80
H406649		1.0	6.66	14	1330	1.1	2	1.86	<0.5	5	30	186	2.15	30	3.98	70
H406650		<0.5	1.58	<5	1340	<0.5	5	30.3	<0.5	<1	8	31	0.73	<10	2.02	20
H406651		<0.5	7.41	<5	140	3.7	<2	2.59	<0.5	20	78	42	3.44	20	4.32	10
H406652		1.1	6.48	16	1090	0.9	<2	1.95	<0.5	6	28	167	2.04	20	4.32	70
H406653		1.1	7.04	20	1090	4.2	<2	2.07	<0.5	5	29	174	2.25	30	4.64	90
H406654		0.7	6.62	16	900	0.8	<2	1.95	<0.5	4	29	186	2.08	30	4.85	100
H406655		0.5	7.29	25	1080	1.3	<2	1.91	<0.5	6	31	149	2.25	30	4.79	80
H406656		0.6	7.05	14	1390	1.4	<2	2.00	<0.5	5	29	162	2.07	30	4.71	90
H406657		<0.5	6.51	25	1270	1.2	<2	2.10	<0.5	5	28	201	2.15	30	4.03	70
H406658		<0.5	6.77	21	1360	1.0	<2	1.92	<0.5	5	27	197	2.13	30	4.41	90
H406659		1.6	6.96	23	1510	1.5	8	1.99	<0.5	4	33	176	2.07	30	4.63	100
H406660		0.8	6.84	22	1270	1.4	2	2.14	<0.5	4	30	176	2.18	30	4.35	80
H406661		0.6	6.85	28	1360	1.4	<2	2.08	<0.5	6	30	212	2.37	30	4.32	70
H406662		0.6	6.44	24	1280	0.9	<2	1.95	<0.5	5	30	236	2.19	30	4.44	130
H406663		0.5	7.26	24	1290	1.0	<2	2.00	<0.5	5	30	175	2.25	30	4.95	120
H406664		0.7	6.84	28	1310	1.0	<2	1.81	<0.5	5	30	203	2.23	30	4.62	130
H406665		0.6	7.17	31	1360	0.9	<2	1.85	<0.5	6	30	195	2.27	30	4.43	130
H406666		0.8	7.12	32	1570	0.9	<2	1.92	<0.5	8	28	204	2.06	30	4.66	180
H406667		1.0	7.42	40	1570	1.1	<2	2.13	<0.5	6	33	198	2.18	30	4.74	100
H406668		<0.5	7.08	27	1310	1.1	<2	1.90	<0.5	6	35	130	2.33	30	4.42	80
H406669		1.0	6.95	39	810	1.2	<2	2.08	<0.5	5	30	186	2.44	30	4.84	170
H406670		0.6	7.17	25	1260	1.6	<2	2.06	<0.5	6	33	222	2.35	30	5.10	140
H406671		0.7	6.61	17	960	1.2	<2	2.27	<0.5	7	37	196	2.63	20	4.94	140
H406672		0.7	7.02	21	1160	0.9	<2	1.91	<0.5	6	31	126	2.29	20	5.06	110
H406673		0.6	6.84	22	970	0.9	<2	2.03	<0.5	6	38	164	2.71	30	4.21	100
H406674		0.8	6.82	27	1050	0.9	<2	2.30	<0.5	7	36	107	2.66	30	4.35	110
H406675		<0.5	0.37	<5	40	<0.5	<2	34.3	<0.5	<1	4	3	0.38	<10	0.23	<10
H406676		1.0	7.44	91	140	4.2	<2	2.41	<0.5	18	68	89	5.48	20	3.70	10
H406677		<0.5	6.79	22	1050	0.8	<2	2.17	<0.5	6	29	150	2.26	30	4.49	120
H406678		<0.5	6.61	29	920	0.8	<2	2.08	<0.5	6	34	107	2.33	30	4.79	100
H406679		<0.5	6.52	26	940	0.9	<2	1.98	<0.5	6	30	134	2.32	30	4.39	80
H406680		0.5	6.42	33	900	1.0	<2	2.34	<0.5	4	31	202	2.39	30	4.05	170
H406681		0.7	6.55	32	570	1.3	<2	2.40	<0.5	6	32	275	2.79	30	4.28	220

***** 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: 29-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042595

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
H406642		0.72	1125	1	0.29	18	2550	206	1.67	7	1	2210	30	0.26	<10	<10
H406643		0.66	1030	3	0.25	17	2510	165	1.53	12	1	1280	30	0.26	<10	<10
H406644		0.71	1075	3	0.20	19	2530	188	1.55	12	1	1110	30	0.26	<10	<10
H406645		0.62	996	13	0.28	19	2070	201	1.36	14	1	1225	30	0.27	<10	<10
H406646		0.61	909	4	0.21	16	2390	163	1.38	16	1	3200	40	0.24	<10	<10
H406647		0.61	869	5	0.17	16	2500	158	1.39	13	1	1235	30	0.24	<10	<10
H406648		0.60	879	4	0.15	14	2370	153	1.23	14	1	997	30	0.23	<10	<10
H406649		0.58	843	4	0.21	16	2370	246	1.37	11	1	1705	30	0.24	<10	<10
H406650		0.54	414	1	0.05	4	500	30	0.42	7	1	532	<20	0.05	<10	<10
H406651		2.02	479	<1	3.33	84	1070	37	0.01	<5	6	329	<20	0.61	10	<10
H406652		0.56	791	6	0.17	14	2560	265	1.35	13	1	2270	30	0.23	<10	<10
H406653		0.64	910	3	0.16	16	2490	328	1.42	15	1	1580	30	0.25	<10	<10
H406654		0.60	828	4	0.15	13	2020	203	1.37	14	2	769	30	0.24	<10	<10
H406655		0.57	840	4	0.20	18	2430	129	1.44	17	2	970	30	0.25	<10	<10
H406656		0.59	878	9	0.22	15	2640	216	1.21	14	2	1215	30	0.25	<10	<10
H406657		0.64	889	10	0.22	15	2120	163	1.32	14	2	1920	30	0.25	<10	<10
H406658		0.59	797	4	0.18	13	2220	114	1.31	11	2	2120	30	0.22	<10	<10
H406659		0.60	720	6	0.14	14	3060	579	1.15	12	2	1590	40	0.24	<10	<10
H406660		0.61	795	8	0.18	16	3090	378	1.32	15	1	2480	40	0.25	<10	<10
H406661		0.60	864	11	0.22	17	3230	251	1.53	11	1	3280	40	0.25	<10	<10
H406662		0.61	860	1	0.19	17	2510	246	1.28	11	1	1285	40	0.24	<10	<10
H406663		0.64	910	1	0.29	18	2330	208	1.28	8	2	1625	40	0.26	<10	<10
H406664		0.61	874	<1	0.26	17	1960	168	1.19	9	1	1335	40	0.24	<10	<10
H406665		0.58	969	<1	0.25	19	2420	230	1.23	9	1	1145	40	0.26	<10	<10
H406666		0.61	939	1	0.24	19	2450	334	1.08	7	1	1110	40	0.23	<10	<10
H406667		0.66	1015	3	0.24	18	2930	355	1.24	11	1	2060	30	0.28	<10	<10
H406668		0.67	984	5	0.26	18	1940	122	1.31	8	1	1140	30	0.26	<10	<10
H406669		0.58	859	11	0.26	19	3140	424	1.64	11	1	1320	40	0.21	<10	<10
H406670		0.62	952	13	0.23	18	2600	279	1.37	7	1	1170	40	0.26	<10	<10
H406671		0.72	1130	3	0.22	19	2790	286	1.60	8	1	1150	40	0.29	<10	<10
H406672		0.64	1010	1	0.19	14	2200	273	1.30	11	1	940	30	0.25	<10	<10
H406673		0.77	1295	1	0.32	18	2380	197	1.55	13	2	4180	40	0.29	<10	<10
H406674		0.77	1150	3	0.28	19	2390	207	1.72	10	1	1915	30	0.27	<10	<10
H406675		0.48	309	<1	0.02	3	190	<2	0.16	6	1	398	<20	0.02	<10	<10
H406676		1.79	440	<1	3.47	73	960	59	2.98	<5	5	314	<20	0.55	<10	<10
H406677		0.62	973	1	0.27	17	2260	158	1.57	10	1	1620	30	0.23	<10	<10
H406678		0.60	903	2	0.23	15	2370	139	1.59	8	1	963	20	0.23	<10	<10
H406679		0.57	884	1	0.19	15	2330	145	1.56	10	1	996	20	0.23	<10	<10
H406680		0.65	997	3	0.20	17	2880	232	1.59	8	1	1095	40	0.27	<10	<10
H406681		0.67	1045	2	0.23	20	3830	227	1.80	13	1	1310	120	0.32	<10	<10

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

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

Finalized Date: 29-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042595

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H406642		96	30	251
H406643		91	40	200
H406644		91	40	136
H406645		80	40	170
H406646		81	40	165
H406647		79	40	119
H406648		78	30	95
H406649		78	40	110
H406650		18	10	27
H406651		76	<10	46
H406652		71	50	78
H406653		81	40	110
H406654		73	40	61
H406655		83	40	104
H406656		85	40	177
H406657		79	30	192
H406658		79	30	125
H406659		93	30	139
H406660		93	40	133
H406661		85	40	161
H406662		83	40	222
H406663		101	30	194
H406664		84	30	217
H406665		80	30	234
H406666		79	30	230
H406667		88	30	275
H406668		80	40	220
H406669		77	30	262
H406670		85	30	198
H406671		98	40	182
H406672		92	30	189
H406673		113	30	194
H406674		101	40	213
H406675		6	<10	14
H406676		67	<10	102
H406677		74	20	212
H406678		78	30	135
H406679		85	30	208
H406680		89	50	361
H406681		105	40	295

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Finalized Date: 29-MAR-2014
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CERTIFICATE OF ANALYSIS VO14042595

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
H406682		0.5	6.64	31	1020	0.7	2	1.99	<0.5	6	31	147	2.29	30	4.53	90
H406683		0.5	5.90	26	450	2.9	<2	3.11	<0.5	8	50	260	3.66	20	4.57	150
H406684		0.6	5.51	61	360	2.5	<2	5.66	<0.5	18	124	210	4.80	30	4.34	120
H406685		1.0	5.89	33	740	2.1	<2	2.82	<0.5	6	46	215	2.59	30	4.72	160
H406686		1.1	5.72	49	660	3.2	<2	2.95	<0.5	5	45	165	2.58	30	4.20	220
H406687		1.4	5.77	46	750	3.5	<2	2.97	<0.5	6	41	332	2.63	30	4.35	160
H406688		0.7	5.83	47	190	1.6	3	4.48	<0.5	10	53	176	4.54	20	4.40	220
H406689		0.7	5.57	43	960	2.4	2	6.13	<0.5	16	137	159	5.33	20	4.29	210
H406690		0.9	5.77	67	1560	1.5	<2	5.87	<0.5	13	60	266	5.26	20	4.37	210
H406691		0.8	6.38	55	140	1.4	<2	3.72	<0.5	8	18	84	5.02	20	4.32	140
H406692		0.5	5.79	53	410	2.1	<2	6.58	<0.5	19	95	190	5.70	20	4.60	190
H406693		<0.5	5.61	46	1410	1.5	<2	5.54	<0.5	12	55	233	4.93	20	4.52	270
H406694		1.2	5.96	44	420	2.4	2	5.41	<0.5	17	109	244	5.14	20	4.74	250
H406695		0.6	4.93	38	350	2.2	<2	6.71	<0.5	18	147	270	5.80	20	4.52	190
H406696		0.6	6.43	34	370	1.1	<2	3.50	<0.5	9	30	235	3.69	20	4.81	120
H406697		<0.5	5.27	34	290	2.4	<2	6.47	<0.5	21	191	131	5.78	20	4.34	70
H406698		0.5	5.91	41	360	1.3	<2	5.20	<0.5	11	57	248	5.03	20	4.32	130
H406699		0.6	5.80	36	190	1.7	<2	3.98	<0.5	10	35	205	4.47	20	4.22	110
H406700		<0.5	0.39	<5	100	<0.5	<2	36.2	<0.5	<1	5	4	0.42	<10	0.23	10
H406701		<0.5	7.55	<5	150	3.7	<2	2.59	<0.5	20	77	42	3.44	20	4.29	10
H406702		0.7	5.81	40	550	2.2	<2	4.18	<0.5	9	62	122	3.06	30	4.50	120
H406703		0.6	6.22	23	1060	4.2	<2	3.16	<0.5	7	64	268	2.71	30	4.75	110
H406704		0.7	5.80	23	1030	3.3	2	4.51	<0.5	11	95	109	3.47	20	4.67	100
H406705		0.8	5.31	30	380	1.6	2	5.02	<0.5	11	68	234	4.05	20	4.26	170
H406706		0.7	5.44	30	280	2.0	2	6.50	<0.5	16	136	332	5.18	20	4.98	230
H406707		0.8	5.88	30	460	2.0	3	4.55	<0.5	10	35	282	4.13	20	4.59	150
H406708		<0.5	6.52	16	940	3.3	<2	1.99	<0.5	3	15	121	2.23	30	4.75	130
H406709		1.7	5.49	36	640	1.2	3	5.48	<0.5	12	29	301	4.89	20	4.26	330
H406710		1.0	5.69	28	1320	1.2	<2	4.80	<0.5	9	25	193	4.79	10	4.60	210
H406711		0.8	5.59	36	610	1.3	<2	5.50	<0.5	13	45	144	5.28	20	4.39	160
H406712		1.5	5.94	47	230	1.2	4	5.37	<0.5	13	33	218	5.33	20	4.82	180
H406713		0.7	5.81	39	1130	1.2	3	5.51	<0.5	10	23	216	5.46	10	4.50	210
H406714		1.0	5.34	19	550	1.2	<2	5.63	<0.5	13	48	179	5.04	10	4.05	180
H406715		0.7	5.56	25	280	1.3	<2	6.23	<0.5	15	95	323	5.06	20	4.63	180
H406716		1.0	5.36	41	260	1.5	<2	6.55	<0.5	16	77	276	5.54	20	4.31	180
H406717		<0.5	5.77	20	420	1.2	<2	5.37	<0.5	12	74	172	4.39	20	4.83	150
H406718		0.6	5.97	22	1080	1.3	<2	5.23	<0.5	12	66	148	4.59	20	4.70	170
H406719		<0.5	6.68	15	790	1.4	<2	2.73	<0.5	6	36	146	2.51	20	4.66	130
H406720		0.6	6.05	21	580	1.2	<2	3.40	<0.5	9	45	166	3.09	20	4.27	250
H406721		0.8	6.12	20	830	1.2	<2	2.09	<0.5	6	35	173	2.18	30	4.24	150

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KIRKLAND LAKE ON P2N 3L1

Finalized Date: 29-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042595

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
H406682		0.56	829	1	0.21	15	2510	220	1.56	15	1	983	40	0.27	<10	<10
H406683		1.25	1475	1	0.17	21	2740	149	2.10	10	4	2730	50	0.37	<10	<10
H406684		2.33	1825	35	0.21	44	2690	264	2.98	9	13	2850	70	0.36	<10	<10
H406685		1.01	1045	16	0.21	17	1970	375	1.67	7	3	1585	50	0.22	<10	<10
H406686		1.05	1110	7	0.22	18	2090	382	1.63	9	3	1945	70	0.23	<10	<10
H406687		1.00	1115	64	0.20	16	2400	476	1.57	8	4	1720	80	0.22	<10	<10
H406688		1.51	1760	8	0.15	35	2900	271	2.91	12	5	2320	90	0.43	<10	<10
H406689		2.36	2210	13	0.13	88	2570	266	3.03	11	8	3440	80	0.42	<10	<10
H406690		1.85	1990	2	0.12	41	4180	273	2.81	11	6	2680	80	0.46	<10	<10
H406691		1.03	1550	3	0.19	24	3990	319	3.92	12	4	1885	50	0.49	<10	<10
H406692		2.39	2100	10	0.16	49	3710	186	3.35	10	10	3290	70	0.44	<10	<10
H406693		1.75	1775	18	0.17	31	6320	150	3.36	11	7	3240	70	0.43	<10	<10
H406694		2.29	2140	9	0.15	63	3500	451	2.63	11	8	2930	90	0.42	<10	<10
H406695		2.61	2630	27	0.13	99	3050	157	3.50	14	10	3060	60	0.40	<10	<10
H406696		1.05	1470	9	0.16	17	3110	245	2.51	9	3	1720	40	0.39	<10	<10
H406697		3.18	1945	5	0.83	59	2170	73	1.95	11	17	2740	30	0.43	<10	<10
H406698		1.74	1790	18	0.24	19	3610	151	3.05	9	8	2420	50	0.45	<10	<10
H406699		1.27	1395	11	0.19	24	3030	206	3.16	8	6	2270	50	0.41	<10	<10
H406700		0.50	324	<1	0.02	3	200	3	0.19	<5	1	432	<20	0.02	<10	<10
H406701		2.02	481	<1	3.32	84	1080	38	0.01	<5	6	332	<20	0.61	<10	<10
H406702		1.54	1380	12	0.20	31	2540	212	1.94	7	5	3960	50	0.24	<10	<10
H406703		1.12	1345	33	0.23	19	1720	174	1.62	9	5	1985	50	0.35	<10	<10
H406704		1.67	1630	18	0.15	31	2290	379	1.95	11	8	2090	40	0.34	<10	<10
H406705		1.64	1730	9	0.10	35	3140	298	2.07	8	6	2320	60	0.35	<10	<10
H406706		2.32	2370	10	0.18	76	3110	228	2.48	13	8	2900	80	0.43	<10	<10
H406707		1.43	1605	24	0.18	23	2670	242	2.11	8	6	2090	40	0.43	<10	<10
H406708		0.52	1095	23	0.22	7	1610	198	1.35	10	2	1130	30	0.33	<10	<10
H406709		1.51	1905	8	0.11	29	4730	659	2.14	10	8	2280	90	0.45	<10	<10
H406710		1.28	1600	26	0.11	19	4570	365	2.72	9	7	2170	60	0.45	<10	<10
H406711		1.60	1835	32	0.12	25	4140	272	2.74	11	9	2310	60	0.44	<10	<10
H406712		1.47	1895	12	0.10	22	4510	521	2.81	15	7	2170	60	0.49	<10	<10
H406713		1.45	1755	21	0.11	16	5730	138	3.17	8	8	2310	60	0.49	<10	<10
H406714		1.60	1705	2	0.11	28	4490	434	2.53	11	8	2380	50	0.45	<10	<10
H406715		2.01	1875	3	0.10	39	3550	218	2.20	8	10	2810	50	0.43	<10	<10
H406716		2.00	1865	4	0.12	34	3760	345	2.33	9	10	2880	60	0.47	<10	<10
H406717		1.68	1605	7	0.20	30	2810	221	1.95	13	8	2470	40	0.38	<10	<10
H406718		1.64	1620	35	0.14	34	3310	208	2.40	9	7	3180	60	0.40	<10	<10
H406719		0.79	1095	9	0.27	19	2650	212	1.72	9	2	1475	40	0.29	<10	<10
H406720		1.03	1360	39	0.16	24	3290	288	2.06	12	2	1545	60	0.32	<10	<10
H406721		0.56	983	57	0.24	16	2300	246	1.56	13	1	1170	30	0.26	<10	<10

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

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Finalized Date: 29-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042595

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H406682		88	30	263
H406683		193	50	178
H406684		328	80	243
H406685		107	60	186
H406686		125	40	191
H406687		120	50	191
H406688		210	90	343
H406689		435	100	460
H406690		235	100	275
H406691		143	110	272
H406692		244	80	341
H406693		171	70	275
H406694		313	60	468
H406695		369	70	362
H406696		143	60	283
H406697		401	60	177
H406698		203	60	193
H406699		159	70	186
H406700		7	<10	16
H406701		76	<10	45
H406702		156	80	193
H406703		146	70	129
H406704		198	80	102
H406705		192	70	76
H406706		413	80	240
H406707		188	70	218
H406708		79	40	209
H406709		168	80	157
H406710		133	70	178
H406711		182	90	215
H406712		181	90	161
H406713		182	90	100
H406714		184	90	244
H406715		246	90	192
H406716		267	90	224
H406717		221	70	218
H406718		178	80	258
H406719		83	50	264
H406720		114	60	286
H406721		78	50	221

***** 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: 29-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042595

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
H406722		<0.5	6.17	27	880	0.9	<2	2.10	<0.5	5	34	138	2.13	30	4.28	100
H406723		0.6	6.02	21	900	0.9	<2	2.22	<0.5	6	34	136	2.15	30	4.21	130
H406724		<0.5	5.91	17	1650	1.3	<2	2.67	<0.5	6	31	103	2.36	30	3.89	110
H406725		<0.5	0.33	<5	50	<0.5	<2	35.3	<0.5	<1	4	3	0.39	<10	0.21	<10
H406726		1.0	7.58	87	140	4.2	<2	2.41	<0.5	18	68	84	5.61	20	3.71	10
H406727		<0.5	7.06	27	970	0.9	<2	2.32	<0.5	10	28	154	2.52	30	4.79	170
H406728		<0.5	7.01	20	970	1.2	<2	1.90	<0.5	8	33	143	2.24	30	4.33	90
H406729		<0.5	6.77	24	680	1.2	<2	2.12	<0.5	9	36	86	2.47	30	4.42	130
H406730		<0.5	6.44	29	780	1.0	<2	2.09	<0.5	9	32	109	3.06	30	4.41	130
H406731		<0.5	6.58	29	350	1.1	<2	4.03	<0.5	14	35	372	4.41	20	4.58	180
H406732		<0.5	6.77	29	530	1.3	<2	3.47	<0.5	14	59	146	3.97	30	4.56	180
H406733		<0.5	6.10	35	300	1.2	<2	4.57	<0.5	14	70	219	4.60	20	4.85	290
H406734		0.5	5.68	47	230	1.6	<2	5.82	<0.5	25	120	158	5.99	20	4.50	520
H406735		0.9	6.45	47	630	1.6	<2	3.95	<0.5	23	101	220	6.77	20	4.66	300
H406736		<0.5	5.80	22	290	2.0	<2	4.73	0.6	20	208	105	6.42	30	5.05	280
H406737		<0.5	6.19	35	1270	1.2	2	4.82	<0.5	19	89	208	4.99	30	4.54	240
H406738		<0.5	6.08	35	5090	1.5	<2	4.29	<0.5	15	89	349	4.72	30	6.34	270
H406739		<0.5	5.79	37	2900	1.2	<2	5.77	0.5	20	99	152	4.83	30	6.43	140
H406740		0.6	5.89	48	6580	1.2	<2	4.69	<0.5	17	67	310	4.60	30	6.39	170
H406741		0.5	6.21	41	5820	1.5	<2	4.15	<0.5	14	72	277	4.40	30	5.81	190
H406742		0.8	5.65	53	>10000	1.9	2	3.87	<0.5	18	75	467	5.37	30	6.10	280
H406743		0.6	7.13	18	3640	2.1	<2	1.62	<0.5	8	37	120	2.14	30	6.37	130
H406744		<0.5	6.63	19	3720	2.2	<2	1.85	<0.5	8	36	110	1.99	30	6.24	90
H406745		<0.5	6.64	20	2490	2.7	<2	2.11	<0.5	7	51	116	2.06	30	6.66	90
H406746		<0.5	6.85	22	1720	1.3	<2	2.68	<0.5	9	61	161	2.65	30	6.69	80
H406747		<0.5	6.75	23	2080	1.5	<2	2.33	<0.5	9	48	115	2.36	30	6.45	100
H406748		<0.5	6.85	18	2060	1.9	<2	2.24	<0.5	8	41	151	2.33	30	6.55	140
H406749		0.9	5.99	38	5280	1.6	2	3.29	<0.5	11	48	199	3.71	20	6.56	310
H406750		<0.5	0.41	5	60	<0.5	3	36.5	<0.5	<1	6	3	0.42	<10	0.25	<10
H406751		<0.5	7.86	<5	150	3.9	<2	2.56	<0.5	23	81	42	3.52	20	4.20	10

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

Finalized Date: 29-MAR-2014
Account: OSIKLI

Project: MU

CERTIFICATE OF ANALYSIS VO14042595

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
H406722		0.58	961	33	0.21	16	2250	170	1.51	13	1	1035	30	0.26	<10	<10
H406723		0.63	965	45	0.21	15	2210	237	1.46	7	1	1340	30	0.25	<10	<10
H406724		0.72	1235	14	0.15	21	2630	206	1.38	15	1	1165	40	0.27	<10	<10
H406725		0.50	309	<1	0.02	3	150	3	0.17	<5	1	416	<20	0.02	<10	<10
H406726		1.79	442	<1	3.47	73	950	62	3.01	<5	5	311	<20	0.54	<10	<10
H406727		0.61	1120	6	0.14	21	2680	254	1.52	5	1	971	40	0.25	<10	<10
H406728		0.51	959	3	0.17	18	2090	190	1.48	9	1	852	30	0.25	<10	<10
H406729		0.54	1050	35	0.19	20	2740	215	1.66	6	1	931	50	0.29	<10	<10
H406730		0.54	1515	27	0.14	21	2570	179	1.67	8	2	811	40	0.27	<10	<10
H406731		1.15	1710	24	0.12	28	4190	151	2.62	11	5	1450	70	0.39	<10	<10
H406732		1.00	1730	18	0.15	36	3600	187	2.18	6	5	1420	60	0.35	<10	<10
H406733		1.41	1920	25	0.13	42	3700	257	2.38	11	7	2010	90	0.38	<10	<10
H406734		1.95	2640	14	0.08	85	4470	235	2.95	7	10	2460	140	0.43	<10	<10
H406735		1.39	3440	21	0.09	75	3620	312	3.07	13	6	1835	80	0.42	<10	<10
H406736		2.55	3100	3	0.12	112	3400	168	2.11	11	5	2440	60	0.39	<10	<10
H406737		1.78	2030	13	0.18	54	3560	183	3.19	8	5	2370	60	0.43	<10	<10
H406738		1.66	1970	6	0.12	41	3780	182	2.41	8	5	2050	50	0.37	<10	<10
H406739		2.10	2220	17	0.12	55	4740	177	2.72	12	5	2670	60	0.40	<10	<10
H406740		1.60	1920	77	0.13	33	4410	191	3.01	11	5	2580	90	0.38	<10	<10
H406741		1.63	1910	57	0.15	36	3300	172	2.43	12	5	2400	60	0.41	<10	<10
H406742		1.88	2090	61	0.07	43	3820	264	2.98	14	8	2600	130	0.45	<10	<10
H406743		0.53	833	27	0.16	12	1560	344	1.50	13	3	871	30	0.25	<10	<10
H406744		0.60	822	22	0.17	10	1650	197	1.37	5	4	949	30	0.24	<10	<10
H406745		0.69	767	35	0.20	13	1990	152	1.49	7	4	2440	30	0.22	<10	<10
H406746		0.92	1050	14	0.29	20	1670	143	1.78	7	4	2340	30	0.23	<10	<10
H406747		0.79	914	31	0.23	13	1620	157	1.64	15	3	2410	30	0.23	<10	<10
H406748		0.71	929	30	0.29	13	1890	180	1.56	11	3	1220	40	0.24	<10	<10
H406749		1.10	1270	62	0.18	22	2580	307	2.56	10	4	2090	60	0.31	<10	<10
H406750		0.50	322	<1	0.02	1	180	<2	0.18	6	1	446	<20	0.02	<10	<10
H406751		1.97	480	1	3.25	83	1100	33	0.01	<5	6	337	<20	0.59	<10	<10

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KIRKLAND LAKE ON P2N 3L1

Finalized Date: 29-MAR-2014
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CERTIFICATE OF ANALYSIS VO14042595

Sample Description	Method Analyte Units LOR	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
H406722		72	50	223
H406723		71	50	233
H406724		89	50	234
H406725		6	<10	12
H406726		68	<10	97
H406727		84	40	311
H406728		79	50	263
H406729		94	60	237
H406730		92	50	131
H406731		152	80	90
H406732		165	70	178
H406733		215	80	267
H406734		397	100	269
H406735		310	90	264
H406736		491	80	428
H406737		244	90	341
H406738		290	60	317
H406739		237	70	335
H406740		178	60	216
H406741		213	60	250
H406742		389	80	297
H406743		89	60	77
H406744		77	40	195
H406745		85	50	143
H406746		115	40	152
H406747		89	50	130
H406748		98	50	211
H406749		135	50	158
H406750		7	<10	15
H406751		78	<10	45

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CERTIFICATE OF ANALYSIS VO14042595

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