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: 23-FEB-2014
Account: OSIKLI

CERTIFICATE SD14025502

Project: MU

P.O. No.: KL 000348

This report is for 145 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 19-FEB-2014.

The following have access to data associated with this certificate:

MIKE FELL FRANK PLOEGER	CHRISTAL HANUSZCZAK ANDREW STOKES	DAN MCCORMACK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-23	Pulp Login - Rcvd with Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: **OSISKO MINING LTD.**
ATTN: CHRISTAL HANUSZCZAK
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: Nacera Amara

Nacera Amara, Laboratory Manager, Val d'Or

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CERTIFICATE OF ANALYSIS SD14025502

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au g/t 0.005
I273927		2.16	0.346
I273928		2.13	0.484
I273929		2.15	0.487
I273930		2.18	0.313
I273931		2.06	0.519
I273932		2.19	0.695
I273933		2.24	0.454
I273934		2.12	0.552
I273935		2.19	0.332
I273936		2.31	0.356
I273937		2.25	0.419
I273938		2.36	0.289
I273939		2.20	0.360
I273940		2.22	0.235
I273941		2.34	0.281
I273942		2.47	0.327
I273943		1.76	0.284
I273944		2.04	2.93
I273945		1.93	0.860
I273946		1.94	1.390
I273947		2.00	1.745
I273948		2.02	0.492
I273949		2.23	0.698
I273950		2.00	0.007
I273951		0.09	2.66
I273952		1.92	1.575
I273953		2.26	1.235
I273954		1.93	0.835
I273955		1.95	1.230
I273956		1.95	0.738
I273957		1.83	0.588
I273958		1.82	0.381
I273959		1.93	0.984
I273960		2.03	0.161
I273961		1.94	0.124
I273962		2.18	0.380
I273963		1.87	1.920
I273964		2.14	0.570
I273965		1.96	1.285
I273966		2.29	2.71

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I273967		2.01	0.135
I273968		1.88	0.173
I273969		1.95	0.140
I273970		1.03	0.101
I273971		0.98	0.099
I273972		1.66	0.220
I273973		2.17	0.072
I273974		1.47	0.565
I273975		2.03	<0.005
I273976		0.10	0.894
I273977		1.21	0.406
I273978		1.19	1.160
I273979		1.92	1.145
I273980		2.01	0.113
I273981		1.96	0.171
I273982		2.17	0.159
I273983		2.09	0.718
I273984		2.00	0.194
I273985		1.99	0.492
I273986		1.99	1.120
I273987		2.11	0.179
I273988		2.06	1.015
I273989		1.91	0.333
I273990		2.17	0.651
I273991		1.93	0.564
I273992		1.99	0.086
I273993		2.20	0.032
I273994		2.04	0.051
I273995		1.98	0.024
I273996		2.05	0.021
I273997		1.99	0.236
I273998		1.93	0.144
I273999		2.09	0.031
I274000		2.01	<0.005
I274801		0.09	2.69
I274802		2.38	0.596
I274803		1.14	0.888
I274804		1.09	0.492
I274805		2.11	0.050
I274806		2.20	0.274

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I274807		2.15	0.064
I274808		2.14	0.097
I274809		2.24	<0.005
I274810		2.17	0.008
I274811		2.15	<0.005
I274812		2.11	0.030
I274813		2.24	0.023
I274814		2.18	0.045
I274815		1.20	0.022
I274816		1.30	0.061
I274817		1.65	0.242
I274818		2.18	0.035
I274819		2.15	0.066
I274820		2.36	0.126
I274821		2.19	0.038
I274822		2.12	0.184
I274823		2.05	0.054
I274824		2.19	0.040
I274825		2.00	<0.005
I274826		0.10	0.941
I274827		2.22	0.054
I274828		2.23	0.060
I274829		2.18	0.049
I274830		1.91	0.044
I274831		2.11	0.051
I274832		2.21	0.156
I274833		2.11	0.070
I274834		2.21	0.024
I274835		2.12	0.065
I274836		2.13	0.135
I274837		2.15	0.046
I274838		2.17	0.019
I274839		2.09	0.084
I274840		1.87	0.142
I274841		1.39	0.317
I274842		1.34	0.061
I274843		1.17	0.074
I274844		1.98	0.057
I274845		1.99	0.458
I274846		1.97	0.397

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I274847		2.07	0.088
I274848		2.01	0.085
I274849		2.03	0.166
I274850		2.04	0.009
I274851		0.10	2.68
I274852		2.10	0.554
I274853		2.13	0.524
I274854		2.13	0.200
I274855		2.07	0.228
I274856		1.85	0.252
I274857		2.26	0.069
I274858		1.98	0.377
I274859		2.05	0.448
I274860		2.12	0.321
I274861		2.00	0.373
I274862		2.13	0.293
I274863		2.19	0.807
I274864		2.02	0.339
I274865		2.14	0.077
I274866		1.96	0.110
I274867		2.06	0.306
I274868		2.10	0.243
I274869		2.03	0.122
I274870		2.09	0.056
I274871		2.23	0.088

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CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applies to Method:

CRU-31	CRU-QC	LOG-22	LOG-23
PUL-31	PUL-QC	SPL-21	WEI-21

Processed at ALS Val d'Or located at 1324 Rue Turcotte, Val d'Or, QC, Canada.

Applies to Method: Au-AA23