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: 19-MAR-2014
Account: OSIKLI

CERTIFICATE SD14033455

Project: MU

P.O. No.: KL 000348

This report is for 146 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 4-MAR-2014.

The following have access to data associated with this certificate:

MIKE FELL	ANDREW STOKES	

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-AA24	Au 50g FA AA finish	AAS

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 SD14033455

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au g/t 0.005
I276295		2.19	0.008
I276296		2.20	<0.005
I276297		2.36	<0.005
I276298		2.17	<0.005
I276299		2.22	0.006
I276300		2.00	<0.005
I276301		0.11	NSS
I276302		2.27	0.008
I276303		2.19	<0.005
I276304		2.05	<0.005
I276305		2.12	<0.005
I276306		2.26	<0.005
I276307		2.01	<0.005
I276308		2.59	<0.005
I276309		2.66	<0.005
I276310		2.14	<0.005
I276311		2.31	<0.005
I276312		2.17	<0.005
I276313		2.49	<0.005
I276314		2.38	<0.005
I276315		2.45	0.012
I276316		2.41	<0.005
I276317		2.63	<0.005
I276318		2.45	<0.005
I276319		2.56	<0.005
I276320		2.43	<0.005
I276321		2.53	<0.005
I276322		2.55	<0.005
I276323		2.48	<0.005
I276324		2.28	<0.005
I276325		1.98	<0.005
I276326		0.07	0.936
I276327		2.42	<0.005
I276328		2.21	<0.005
I276329		2.31	<0.005
I276330		2.42	<0.005
I276331		2.24	<0.005
I276332		2.22	<0.005
I276333		1.98	<0.005
I276334		2.00	<0.005

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I276335		2.23	<0.005
I276336		2.27	<0.005
I276337		1.91	<0.005
I276338		2.27	<0.005
I276339		2.03	<0.005
I276340		2.26	<0.005
I276341		2.19	<0.005
I276342		1.11	0.008
I276343		1.17	<0.005
I276344		2.17	<0.005
I276345		2.22	<0.005
I276346		2.27	0.040
I276347		2.12	0.887
I276348		2.32	0.034
I276349		2.57	0.023
I276350		1.99	<0.005
I276351		0.11	2.74
I276352		2.36	0.040
I276353		2.18	0.209
I276354		2.51	2.85
I276355		2.13	0.966
I276356		2.33	0.085
I276357		2.25	0.149
I276358		2.46	0.098
I276359		2.29	0.029
I276360		2.37	0.047
I276361		2.49	0.125
I276362		2.21	0.008
I276363		1.99	0.008
I276364		2.59	0.136
I276365		1.03	0.323
I276366		1.24	1.150
I276367		1.64	1.585
I276368		2.42	1.395
I276369		2.37	0.671
I276370		2.12	0.534
I276371		2.20	0.318
I276372		2.15	0.559
I276373		2.31	0.214
I276374		1.98	0.127

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au g/t 0.005
I276375		1.99	<0.005
I276376		0.08	0.923
I276377		2.40	0.196
I276378		2.31	0.142
I276379		2.09	0.034
I276380		0.99	0.059
I276381		1.34	0.053
I276382		1.99	0.042
I276383		2.10	0.010
I276384		2.37	0.120
I276385		2.23	0.256
I276386		2.13	0.309
I276387		2.38	0.046
I276388		1.96	0.033
I276389		2.17	0.006
I276390		2.04	<0.005
I276391		2.21	0.020
I276392		1.41	0.018
I276393		1.43	0.039
I276394		1.36	0.402
I276395		2.08	0.352
I276396		2.06	0.453
I276397		2.15	0.462
I276398		1.91	0.421
I276399		2.19	0.258
I276400		1.98	<0.005
I276401		0.10	2.62
I276402		2.16	0.151
I276403		2.02	<0.005
I276404		2.24	0.040
I276405		2.25	0.008
I276406		1.99	0.015
I276407		2.16	0.009
I276408		2.20	<0.005
I276409		2.18	0.005
I276410		2.16	<0.005
I276411		2.06	0.005
I276412		1.91	<0.005
I276413		2.27	0.009
I276414		2.01	<0.005

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au g/t 0.005
I276415		2.36	<0.005
I276416		2.18	0.011
I276417		2.21	0.007
I276418		1.84	0.016
I276419		2.16	0.011
I276420		2.12	<0.005
I276421		2.12	0.007
I276422		2.09	0.011
I276423		2.25	0.025
I276424		2.17	0.030
I276425		2.03	<0.005
I276426		0.07	0.900
I276427		2.38	0.041
I276428		2.16	0.035
I276429		2.21	0.005
I276430		1.92	0.009
I276431		2.22	0.010
I276432		2.36	0.020
I276433		2.06	0.010
I276434		2.18	0.010
I276435		2.09	0.017
I276436		1.98	0.017
I276437		2.04	0.010
I276438		2.22	0.023
I276439		2.15	0.014
I276440		1.29	<0.005

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CERTIFICATE OF ANALYSIS SD14033455

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:

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

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method: Au-AA24