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 SD14039827

Project: MU

P.O. No.: KL 000348

This report is for 105 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 15-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 SD14039827

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au g/t 0.005
I272609		2.28	0.007
I272610		2.59	0.012
I272611		2.61	0.019
I272612		2.49	0.017
I272613		2.45	0.013
I272614		2.45	0.021
I272615		2.47	0.008
I272616		2.56	0.008
I272617		2.32	0.005
I272618		2.61	<0.005
I272619		2.49	<0.005
I272620		2.32	<0.005
I272621		2.42	0.026
I272622		2.44	<0.005
I272623		2.56	0.020
I272624		2.41	0.005
I272625		2.06	<0.005
I272626		0.22	1.330
I272627		2.36	0.049
I272628		2.54	0.028
I272629		2.49	0.005
I272630		2.43	0.005
I272631		2.36	0.009
I272632		2.52	0.017
I272633		2.33	0.056
I272634		2.58	0.008
I272635		2.50	0.104
I272636		2.48	0.006
I272637		0.91	0.018
I272638		1.73	0.005
I272639		2.53	<0.005
I272640		2.49	<0.005
I272641		2.41	<0.005
I272642		2.53	<0.005
I272643		2.52	<0.005
I272644		2.60	<0.005
I272645		2.55	<0.005
I272646		2.56	0.013
I272647		2.54	<0.005
I272648		2.53	<0.005

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I272649		2.53	<0.005
I272650		2.06	<0.005
Q282001		0.16	0.819
Q282002		2.55	<0.005
Q282003		2.56	<0.005
Q282004		2.50	<0.005
Q282005		2.20	0.025
Q282006		1.49	0.016
Q282007		1.76	0.013
Q282008		2.21	0.067
Q282009		2.45	0.027
Q282010		2.45	0.019
Q282011		2.60	<0.005
Q282012		2.47	<0.005
Q282013		2.61	0.005
Q282014		2.49	<0.005
Q282015		2.38	0.005
Q282016		2.84	0.005
Q282017		2.67	<0.005
Q282018		2.56	<0.005
Q282019		2.59	0.030
Q282020		2.52	0.030
Q282021		2.55	<0.005
Q282022		2.68	0.011
Q282023		2.38	0.007
Q282024		2.32	0.006
Q282025		2.07	<0.005
Q282026		0.16	1.320
Q282027		2.69	<0.005
Q282028		2.53	<0.005
Q282029		2.26	0.006
Q282030		2.92	<0.005
Q282031		2.44	0.005
Q282032		2.56	0.006
Q282033		2.50	<0.005
Q282034		2.48	<0.005
Q282035		2.58	<0.005
Q282036		2.53	<0.005
Q282037		1.60	<0.005
Q282038		3.07	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
Q282039		2.56	0.005
Q282040		2.62	0.005
Q282041		2.65	<0.005
Q282042		2.34	<0.005
Q282043		2.59	0.005
Q282044		2.51	0.063
Q282045		2.54	0.018
Q282046		2.76	0.018
Q282047		2.59	0.006
Q282048		2.64	0.005
Q282049		2.67	<0.005
Q282050		2.06	<0.005
Q282051		0.17	0.838
Q282052		2.60	<0.005
Q282053		2.39	<0.005
Q282054		2.66	<0.005
Q282055		2.58	<0.005
Q282056		2.55	0.005
Q282057		2.46	<0.005
Q282058		2.41	<0.005
Q282059		2.50	<0.005
Q282060		2.39	<0.005
Q282061		2.66	<0.005
Q282062		2.53	<0.005
Q282063		2.39	<0.005

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CERTIFICATE OF ANALYSIS SD14039827

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

Applies to Method: Au-AA24