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: 2-APR-2014
Account: OSIKLI

CERTIFICATE SD14048569

Project: MU

P.O. No.: KL 000348

This report is for 168 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 29-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 SD14048569

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au g/t 0.005
Q290464		3.46	<0.005
Q290465		3.47	<0.005
Q290466		3.32	<0.005
Q290467		3.48	0.007
Q290468		3.50	<0.005
Q290469		3.73	0.005
Q290470		3.48	0.011
Q290471		3.33	0.005
Q290472		3.68	<0.005
Q290473		3.37	<0.005
Q290474		3.52	<0.005
Q290475		1.98	<0.005
Q290476		0.11	1.285
Q290477		3.59	<0.005
Q290478		3.62	<0.005
Q290479		3.50	<0.005
Q290480		3.40	<0.005
Q290481		3.46	<0.005
Q290482		3.68	0.015
Q290483		3.46	<0.005
Q290484		3.43	<0.005
Q290485		2.99	<0.005
Q290486		3.43	0.007
Q290487		3.49	<0.005
Q290488		3.34	<0.005
Q290489		3.52	<0.005
Q290490		3.23	<0.005
Q290491		3.51	<0.005
Q290492		3.67	<0.005
Q290493		3.64	<0.005
Q290494		3.77	<0.005
Q290495		3.39	<0.005
Q290496		3.66	<0.005
Q290497		3.36	<0.005
Q290498		3.82	0.024
Q290499		3.99	0.016
Q290500		2.01	<0.005
Q290501		0.11	0.806
Q290502		3.71	0.080
Q290503		2.97	0.012

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Q290504		3.48	<0.005
Q290505		4.47	0.105
Q290506		3.80	0.061
Q290507		3.50	0.007
Q290508		3.92	0.006
Q290509		3.88	0.005
Q290510		3.63	<0.005
Q290511		3.68	0.022
Q290512		4.11	0.021
Q290513		4.11	0.019
Q290514		4.08	0.010
Q290515		3.19	0.006
Q290516		3.83	0.014
Q290517		3.65	<0.005
Q290518		2.84	<0.005
Q290519		3.57	0.008
Q290520		3.78	0.213
Q290521		3.93	0.098
Q290522		3.76	<0.005
Q290523		3.88	<0.005
Q290524		3.77	0.079
Q290525		1.99	<0.005
Q290526		0.11	1.310
Q290527		3.72	0.012
Q290528		3.76	0.013
Q290529		3.63	0.028
Q290530		3.58	0.018
Q290531		3.37	0.010
Q290532		3.58	0.012
Q290533		3.75	0.008
Q290534		3.81	<0.005
Q290535		2.61	<0.005
Q290536		2.16	<0.005
Q290537		3.17	0.005
Q290538		2.42	0.013
Q290539		2.58	0.009
Q290540		2.31	0.006
Q290541		2.27	<0.005
Q290542		2.49	0.019
Q290543		2.64	0.017

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Q290544		2.67	<0.005
Q290545		2.43	0.111
Q290546		3.60	0.912
Q290547		2.82	<0.005
Q290548		3.26	<0.005
Q290549		3.05	<0.005
Q290550		2.00	<0.005
Q290551		0.11	0.816
Q290552		2.96	<0.005
Q290553		2.65	0.027
Q290554		2.77	0.018
Q290555		3.01	0.021
Q290556		3.06	<0.005
Q290557		2.69	<0.005
Q290558		3.38	0.542
Q290559		3.16	0.196
Q290560		2.44	0.349
Q290561		3.51	0.229
Q290562		3.29	0.011
Q290563		3.36	0.016
Q290564		2.85	0.006
Q290565		3.10	0.133
Q290566		2.75	0.772
Q290567		3.72	1.500
Q290568		3.15	0.176
Q290569		3.09	0.015
Q290570		3.43	1.805
Q290571		3.49	0.527
Q290572		3.54	0.006
Q290573		3.11	<0.005
Q290574		3.30	0.014
Q290575		1.99	<0.005
Q290576		0.11	1.300
Q290577		3.38	0.012
Q290578		3.32	0.013
Q290579		3.15	0.018
Q290580		3.26	0.015
Q290581		3.25	0.044
Q290582		3.28	0.040
Q290583		3.42	0.022

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au g/t 0.005
Q290584		3.55	0.025
Q290585		2.89	0.007
Q290586		2.92	0.009
Q290587		2.59	0.006
Q290588		3.13	0.016
Q290589		2.55	0.008
Q290590		2.71	0.011
Q290591		2.80	<0.005
Q290592		2.53	0.005
Q290593		4.19	<0.005
Q290594		3.81	0.005
Q290595		2.72	0.048
Q290596		3.85	<0.005
Q290597		4.05	<0.005
Q290598		3.98	<0.005
Q290599		4.00	<0.005
Q290600		1.99	<0.005
Q290601		0.11	0.813
Q290602		4.20	<0.005
Q290603		3.39	<0.005
Q290604		3.29	0.007
Q290605		3.40	<0.005
Q290606		3.79	<0.005
Q290607		3.98	<0.005
Q290608		3.43	<0.005
Q290609		3.79	<0.005
Q290610		4.03	<0.005
Q290611		3.10	<0.005
Q290612		3.99	0.434
Q290613		3.61	0.030
Q290614		3.59	0.020
Q290615		2.16	0.008
Q290616		2.83	0.005
Q290617		2.02	0.010
Q290618		2.85	<0.005
Q290619		3.46	<0.005
Q290620		3.26	<0.005
Q290621		2.86	<0.005
Q290622		3.47	<0.005
Q290623		3.33	<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
Q290624		3.59	<0.005
Q290625		1.99	<0.005
Q290626		0.11	1.325
Q290627		3.47	0.009
Q290628		3.49	<0.005
Q290629		3.70	<0.005
Q290630		3.30	<0.005
Q290631		3.40	<0.005

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CERTIFICATE OF ANALYSIS SD14048569

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