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: 11-MAR-2014
Account: OSIKLI

CERTIFICATE SD14035161

Project: MU

P.O. No.: KL 000348

This report is for 136 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 8-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 SD14035161

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au g/t 0.005
E528599		2.21	0.470
E528600		2.07	<0.005
E528601		0.10	0.921
E528602		2.42	0.982
E528603		2.29	0.151
E528604		2.31	0.060
E528605		2.41	0.024
E528606		2.26	0.033
E528607		2.18	0.076
E528608		2.41	0.029
E528609		2.16	0.062
E528610		2.44	0.076
E528611		2.22	0.188
E528612		1.74	0.063
E528613		1.03	0.103
E528614		1.91	0.005
E528615		2.39	<0.005
E528616		2.67	0.006
E528617		2.29	0.016
E528618		2.42	0.020
E528619		2.34	0.021
E528620		2.46	0.025
E528621		2.34	0.028
E528622		2.00	0.012
E528623		2.08	0.020
E528624		2.43	0.024
E528625		2.00	<0.005
E528626		0.11	2.56
E528627		2.32	0.015
E528628		2.39	<0.005
E528629		2.80	0.007
E528630		2.10	<0.005
E528631		2.40	<0.005
E528632		2.29	<0.005
E528633		2.27	0.007
E528634		2.16	<0.005
E528635		1.57	0.005
E528636		2.32	0.006
E528637		2.34	<0.005
E528638		2.78	<0.005

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E528639		2.49	<0.005
E528640		2.48	<0.005
E528641		2.49	<0.005
E528642		1.99	<0.005
E528643		2.22	0.286
E528644		2.36	0.009
E528645		2.40	<0.005
E528646		2.36	<0.005
E528647		2.15	<0.005
E528648		2.16	<0.005
E528649		2.15	0.034
E528650		2.06	<0.005
E528651		0.10	0.892
E528652		2.27	0.022
E528653		2.31	0.053
E528654		2.53	0.031
E528655		2.50	<0.005
E528656		2.32	0.010
E528657		1.88	0.016
E528658		2.15	0.015
E528659		2.17	0.041
E528660		2.40	0.053
E528661		2.18	0.005
E528662		2.41	0.024
E528663		2.50	0.062
E528664		2.24	0.027
E528665		2.57	0.119
E528666		2.13	<0.005
E528667		2.50	<0.005
E528668		2.44	<0.005
E528669		2.29	<0.005
E528670		2.57	0.014
E528671		2.11	<0.005
E528672		2.34	0.008
E528673		2.40	0.044
E528674		2.12	0.539
E528675		2.01	<0.005
E528676		0.11	2.55
E528677		2.53	0.047
E528678		2.44	<0.005

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E528679		2.29	<0.005
E528680		2.16	0.016
E528681		2.13	<0.005
E528682		2.16	<0.005
E528683		2.13	<0.005
E528684		2.38	<0.005
E528685		2.24	<0.005
E528686		2.26	<0.005
E528687		2.22	<0.005
E528688		1.89	<0.005
E528689		2.07	0.006
E528690		2.21	<0.005
E528691		2.49	<0.005
E528692		2.31	<0.005
E528693		1.98	0.007
E528694		2.04	0.012
E528695		2.00	0.022
E528696		1.76	0.024
E528697		2.40	0.111
E528698		2.23	0.040
E528699		2.04	0.017
E528700		2.00	<0.005
E528701		0.11	0.896
E528702		2.22	0.010
E528703		2.15	0.010
E528704		1.92	0.013
E528705		2.18	0.036
E528706		2.20	0.034
E528707		2.37	0.033
E528708		2.12	0.032
E528709		2.29	0.030
E528710		2.34	0.020
E528711		2.14	0.006
E528712		2.33	0.144
E528713		2.38	<0.005
E528714		2.26	<0.005
E528715		2.16	<0.005
E528716		2.36	<0.005
E528717		1.98	<0.005
E528718		2.34	<0.005

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E528719		2.39	<0.005
E528720		2.36	<0.005
E528721		2.54	<0.005
E528722		2.28	<0.005
E528723		2.36	<0.005
E528724		2.49	<0.005
E528725		2.00	<0.005
E528726		0.11	2.57
E528727		2.47	<0.005
E528728		2.34	<0.005
E528729		2.47	<0.005
E528730		2.44	<0.005
E528731		2.31	<0.005
E528732		2.30	<0.005
E528733		2.13	<0.005
E528734		2.29	<0.005

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CERTIFICATE OF ANALYSIS SD14035161

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