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: 14-MAR-2014
Account: OSIKLI

CERTIFICATE SD14038294

Project: MU

P.O. No.: KL 000348

This report is for 170 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 11-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 SD14038294

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au g/t 0.005
I276704		2.30	<0.005
I276705		2.17	<0.005
I276706		2.39	<0.005
I276707		2.37	<0.005
I276708		2.29	<0.005
I276709		2.34	0.005
I276710		2.32	0.005
I276711		2.37	0.005
I276712		2.34	0.005
I276713		2.31	0.005
I276714		2.07	0.006
I276715		2.22	0.005
I276716		2.41	0.005
I276717		2.19	0.005
I276718		2.28	0.006
I276719		2.03	0.005
I276720		2.32	0.005
I276721		2.55	0.006
I276722		2.32	0.005
I276723		2.24	<0.005
I276724		2.27	<0.005
I276725		2.00	<0.005
I276726		0.09	1.315
I276727		2.48	0.007
I276728		2.49	0.011
I276729		2.36	0.005
I276730		2.34	0.012
I276731		2.28	0.005
I276732		2.36	0.006
I276733		2.06	0.005
I276734		1.94	0.006
I276735		2.13	0.005
I276736		2.09	0.005
I276737		2.22	0.005
I276738		2.32	0.007
I276739		2.22	0.005
I276740		2.13	<0.005
I276741		2.32	0.006
I276742		2.21	0.007
I276743		2.34	0.010

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I276744		2.16	0.013
I276745		2.19	0.015
I276746		2.25	<0.005
I276747		2.13	<0.005
I276748		2.30	0.005
I276749		2.09	<0.005
I276750		2.00	<0.005
I276751		0.11	0.836
I276752		1.98	<0.005
I276753		2.18	<0.005
I276754		2.10	0.006
I276755		2.18	0.012
I276756		2.11	0.011
I276757		2.29	<0.005
I276758		2.01	0.010
I276759		2.23	<0.005
I276760		2.18	<0.005
I276761		2.10	<0.005
I276762		2.05	0.010
I276763		2.08	0.009
I276764		2.12	0.009
I276765		2.14	0.007
I276766		2.33	0.007
I276767		2.17	0.007
I276768		2.07	0.008
I276769		2.23	0.008
I276770		2.64	0.010
I276771		2.27	0.012
I276772		2.37	0.017
I276773		2.29	<0.005
I276774		2.17	0.005
I276775		1.99	<0.005
I276776		0.10	1.300
I276777		2.29	0.005
I276778		2.28	<0.005
I276779		2.09	<0.005
I276780		2.06	0.023
I276781		2.40	0.017
I276782		2.38	<0.005
I276783		2.16	0.006

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I276784		1.71	0.005
I276785		1.49	0.027
I276786		1.10	0.046
I276787		1.74	0.023
I276788		1.70	0.029
I276789		1.55	0.022
I276790		1.81	0.005
I276791		1.04	0.008
I276792		1.59	1.600
I276793		2.17	0.184
I276794		2.21	0.372
I276795		2.14	0.066
I276796		2.01	0.008
I276797		1.63	0.010
I276798		1.49	0.078
I276799		1.03	0.032
I276800		1.99	<0.005
I276801		0.10	0.824
I276802		2.47	0.026
I276803		2.37	0.031
I276804		2.37	0.042
I276805		2.32	0.030
I276806		2.40	0.024
I276807		2.48	0.377
I276808		2.35	0.036
I276809		2.39	0.094
I276810		2.42	0.010
I276811		2.17	0.032
I276812		2.38	0.096
I276813		2.40	0.046
I276814		2.42	0.057
I276815		2.27	0.037
I276816		1.80	0.166
I276817		1.37	0.018
I276818		1.73	0.021
I276819		2.35	0.323
I276820		2.40	0.065
I276821		2.40	0.012
I276822		2.26	0.044
I276823		2.30	0.065

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au g/t 0.005
I276824		2.36	0.059
I276825		2.01	<0.005
I276826		0.10	1.345
I276827		2.30	0.063
I276828		2.22	0.099
I276829		2.35	0.077
I276830		2.51	0.135
I276831		2.47	0.084
I276832		2.43	0.057
I276833		2.56	0.008
I276834		2.39	<0.005
I276835		2.53	0.006
I276836		0.92	0.018
I276837		1.54	0.464
I276838		2.32	0.007
I276839		2.22	0.012
I276840		2.15	0.012
I276841		2.48	0.022
I276842		2.28	0.150
I276843		2.19	0.051
I276844		2.21	0.060
I276845		2.35	0.096
I276846		2.39	0.034
I276847		1.75	0.025
I276848		2.21	0.056
I276849		2.24	0.042
I276850		1.99	<0.005
I276851		0.11	0.802
I276852		2.17	0.034
I276853		2.09	0.071
I276854		2.06	0.029
I276855		2.27	0.056
I276856		2.19	0.021
I276857		2.08	0.117
I276858		2.09	0.065
I276859		2.15	0.094
I276860		2.35	0.091
I276861		2.16	0.029
I276862		2.09	0.068
I276863		2.15	0.059

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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au g/t 0.005
I276864		1.97	0.006
I276865		1.40	0.009
I276866		1.00	0.005
I276867		2.06	0.006
I276868		2.51	<0.005
I276869		2.16	<0.005
I276870		2.06	0.025
I276871		2.24	0.014
I276872		2.64	0.015
I276873		1.65	0.037

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CERTIFICATE OF ANALYSIS SD14038294

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