ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **NORTHGATE MINERALS - YOUNG DAVIDSON MINE**
PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 31-OCT-2011
Account: NORTEX

CERTIFICATE TM11195700

Project: 1916

P.O. No.: 11-135

This report is for 6 Drill Core samples submitted to our lab in Timmins, ON, Canada on 26-SEP-2011.

The following have access to data associated with this certificate:

CARL EDMUNDS TOM WADEY	JIM JANZEN YOUNG DAVIDSON WEBTRIEVE	RON KONST

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
BAG-01	Bulk Master for Storage
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-24	Pulp Login - Rcd w/o Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
ME-ICP61	33 element four acid ICP-AES	ICP-AES

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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.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS TM11195700

Sample Description	Method	WEI-21	Au-AA26	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
M74579		5.11	1.46	0.7	5.20	<5	570	2.7	2	10.35	<0.5	30	345	106	5.78	10
M74580		4.46	0.76	<0.5	4.96	10	510	2.8	<2	7.01	<0.5	36	305	123	5.54	10
M74581		0.12	1.35	<0.5	7.33	<5	130	3.1	<2	2.38	<0.5	21	65	25	5.66	20
M74582		4.00	0.07	<0.5	7.33	11	600	7.8	<2	3.72	<0.5	37	642	66	6.50	20
M74583		5.64	0.21	<0.5	6.36	15	610	6.6	<2	4.00	<0.5	45	532	112	6.03	10
M74584		2.85	2.45	2.6	6.18	10	600	3.5	<2	3.49	<0.5	41	516	73	6.27	10

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Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Te	Ti
	Units	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	10	0.01
M74579		1.63	30	1.95	1110	64	1.52	170	1100	13	0.77	<5	20	387	<10	0.19
M74580		2.03	10	1.87	891	32	1.29	159	410	8	1.78	<5	17	344	<10	0.18
M74581		3.32	10	1.75	463	2	3.44	68	1080	53	2.98	<5	5	331	<10	0.55
M74582		4.15	10	1.92	514	5	0.24	272	310	2	1.20	<5	27	148	<10	0.30
M74583		3.62	10	2.37	741	8	0.37	243	290	2	1.29	6	24	258	<10	0.26
M74584		4.00	10	3.07	828	1	1.01	203	320	7	1.75	<5	26	352	<10	0.26

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Sample Description	Method Analyte Units LOR	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
M74579		<10	20	180	20	75
M74580		<10	<10	153	20	58
M74581		<10	20	69	<10	53
M74582		<10	<10	197	30	79
M74583		<10	<10	173	30	73
M74584		<10	<10	194	10	87