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: 22-APR-2011
Account: NORTEX

CERTIFICATE TM11050454

Project: 1916

P.O. No.: 10-119

This report is for 27 Drill Core samples submitted to our lab in Timmins, ON, Canada on 14-APR-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
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
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 TM11050454

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA26 Au ppm 0.01	PUL-QC Pass75um % 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 Al % 0.01	ME-ICP61 As ppm 5	ME-ICP61 Ba ppm 10	ME-ICP61 Be ppm 0.5	ME-ICP61 Bi ppm 2	ME-ICP61 Ca % 0.01	ME-ICP61 Cd ppm 0.5	ME-ICP61 Co ppm 1	ME-ICP61 Cr ppm 1	ME-ICP61 Cu ppm 1	ME-ICP61 Fe % 0.01
M65226		4.27	0.01	91.6	<0.5	8.33	5	1560	0.7	<2	6.19	<0.5	46	230	129	8.30
M65227		4.13	<0.01		<0.5	7.87	5	1670	1.5	<2	5.63	<0.5	35	179	263	9.03
M65228		3.29	1.22		<0.5	7.36	<5	1950	0.8	<2	4.88	<0.5	13	34	89	2.93
M65229		2.76	1.67		<0.5	6.25	<5	870	0.7	<2	4.20	0.7	8	21	17	1.86
M65230		2.86	1.46		<0.5	6.26	5	1640	1.0	<2	3.01	0.7	8	21	23	2.63
M65231		3.11	1.01		<0.5	7.01	5	1980	1.6	<2	2.78	<0.5	8	19	28	2.69
M65232		3.64	1.03		<0.5	6.95	5	2140	1.4	<2	3.63	<0.5	9	21	39	2.63
M65233		4.19	0.66		<0.5	6.24	<5	1190	2.7	8	6.46	<0.5	13	15	348	3.58
M65234		4.09	1.15		<0.5	6.76	5	1940	1.7	<2	2.69	<0.5	8	24	31	2.54
M65235		3.93	0.54		<0.5	7.07	5	1820	0.9	<2	2.54	<0.5	8	24	28	2.49
M65236		3.77	1.21		<0.5	6.23	7	540	1.1	<2	3.56	<0.5	11	27	15	2.40
M65237		3.79	1.13		<0.5	6.24	5	940	1.0	<2	2.88	<0.5	8	24	22	2.25
M65238		3.79	1.92		<0.5	6.27	9	1500	1.3	<2	3.65	<0.5	13	21	21	2.48
M65239		2.53	0.41		<0.5	6.69	5	1850	1.2	<2	2.93	<0.5	8	21	21	2.17
M65240		3.80	0.69		<0.5	6.46	7	290	1.2	<2	3.96	<0.5	11	39	24	2.48
M65241		0.11	5.79		<0.5	6.60	22	180	2.4	<2	1.60	<0.5	16	50	24	5.26
M65242		3.59	2.80		<0.5	5.64	31	540	1.8	<2	7.89	<0.5	37	274	443	6.54
M65243		3.38	0.29		<0.5	6.90	19	710	1.1	<2	5.83	<0.5	26	174	42	5.12
M65244		2.51	0.22		<0.5	7.01	17	1460	1.6	<2	3.77	<0.5	19	28	80	3.98
M65245		4.68	0.02		1.2	6.75	26	2100	2.6	<2	5.33	<0.5	36	26	205	9.54
M65246		5.54	0.01		<0.5	7.46	32	1660	2.0	3	4.31	0.6	47	37	194	10.70
M65247		3.69	0.13		0.8	6.55	31	850	3.0	<2	6.76	0.8	40	407	98	6.82
M65248		4.06	0.22		0.6	7.72	11	820	2.9	5	4.70	<0.5	29	241	37	5.67
M65249		3.40	0.79		1.2	7.88	12	2650	2.1	2	3.87	<0.5	15	56	17	3.72
M65250		4.37	0.06		<0.5	7.60	17	3110	2.6	<2	3.17	<0.5	16	60	15	3.75
M65251		4.01	0.88		0.8	7.75	14	4530	2.2	<2	3.81	<0.5	28	219	13	5.82
M65252		3.77	0.06		<0.5	7.47	8	2680	3.3	<2	3.33	<0.5	14	52	11	3.62

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CERTIFICATE OF ANALYSIS TM11050454

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	Ga	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Te
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOR	10	0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	10
M65226		20	2.83	<10	4.38	1975	<1	1.07	130	330	17	0.05	<5	33	718	10
M65227		20	3.12	10	4.34	1890	<1	0.92	117	340	23	0.09	<5	29	403	10
M65228		20	4.58	80	0.62	506	51	0.90	27	860	22	1.65	<5	7	315	<10
M65229		20	4.13	30	0.28	328	47	0.50	12	890	28	1.56	<5	4	414	<10
M65230		20	5.08	40	0.87	409	28	0.75	15	890	37	1.66	<5	4	328	<10
M65231		20	4.51	40	1.37	442	10	1.92	15	1090	51	1.64	<5	4	349	<10
M65232		20	4.84	90	1.24	481	31	0.97	16	970	49	1.61	<5	5	442	<10
M65233		20	4.87	500	2.51	907	72	0.72	21	1560	115	2.09	<5	5	565	<10
M65234		20	4.32	30	0.86	433	13	1.15	16	770	50	1.65	<5	4	342	<10
M65235		20	4.02	40	0.60	378	9	1.50	16	600	43	1.72	<5	4	353	<10
M65236		10	5.53	50	0.57	423	39	0.97	22	480	50	1.41	<5	4	745	<10
M65237		10	5.05	40	0.53	402	13	1.35	18	630	43	1.43	<5	4	466	<10
M65238		20	4.41	40	0.36	345	32	1.71	22	840	31	1.61	<5	3	321	<10
M65239		20	4.45	50	0.39	385	2	3.17	17	710	32	1.43	<5	3	448	<10
M65240		20	4.11	40	0.41	399	13	2.85	22	810	64	1.78	<5	4	1615	<10
M65241		20	2.13	10	1.25	383	<1	3.64	53	1130	73	3.39	<5	4	250	<10
M65242		20	1.47	60	2.30	1155	22	2.01	128	1050	71	2.79	<5	19	665	<10
M65243		20	4.45	40	1.05	750	27	2.00	98	1030	141	2.22	<5	10	498	10
M65244		20	3.97	40	0.97	643	17	1.33	33	910	179	1.05	<5	10	389	<10
M65245		20	3.82	20	2.99	1750	<1	0.42	54	760	189	0.20	<5	35	239	10
M65246		30	2.43	20	3.61	2660	1	1.72	41	810	48	0.34	<5	38	420	<10
M65247		20	2.58	30	4.95	1720	4	2.33	167	1210	54	0.72	<5	30	656	<10
M65248		20	1.68	50	3.63	1270	4	4.05	153	1680	15	0.34	<5	17	517	<10
M65249		20	3.28	50	1.73	869	3	4.31	26	1830	19	0.40	<5	8	978	<10
M65250		20	2.62	50	2.00	828	<1	4.06	33	1680	27	0.38	5	9	1030	<10
M65251		20	1.83	50	3.01	1125	5	4.64	94	1440	16	0.96	<5	17	1455	<10
M65252		20	3.91	50	1.76	788	<1	3.07	27	1880	15	0.16	<5	8	936	<10

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Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Ti % 0.01	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
M65226		0.45	<10	<10	239	<10	122
M65227		0.47	<10	<10	240	<10	191
M65228		0.19	<10	<10	66	20	30
M65229		0.14	<10	<10	28	30	17
M65230		0.14	10	<10	31	20	31
M65231		0.16	<10	<10	69	20	42
M65232		0.16	<10	<10	81	40	42
M65233		0.13	<10	<10	75	10	84
M65234		0.14	<10	<10	74	30	38
M65235		0.14	<10	<10	50	40	31
M65236		0.10	<10	<10	27	40	25
M65237		0.11	<10	<10	31	40	27
M65238		0.13	<10	<10	43	30	20
M65239		0.14	<10	<10	45	30	22
M65240		0.14	<10	<10	44	40	19
M65241		0.39	10	<10	49	<10	48
M65242		0.39	<10	<10	176	50	104
M65243		0.28	<10	<10	107	200	60
M65244		0.33	<10	<10	109	40	51
M65245		0.89	<10	<10	352	20	154
M65246		0.95	<10	10	375	<10	203
M65247		0.56	<10	10	224	20	222
M65248		0.40	<10	10	169	10	141
M65249		0.21	<10	10	91	10	71
M65250		0.22	<10	10	94	10	102
M65251		0.32	10	10	173	20	180
M65252		0.20	10	<10	104	10	77