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: 27-JUL-2011
Account: NORTEX

CERTIFICATE TM11133558

Project: 1916

P.O. No.: 11-128

This report is for 35 Drill Core samples submitted to our lab in Timmins, ON, Canada on 14-JUL-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
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% <75um
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with 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 TM11133558

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
Y20560		1.29	4.02	96.0	3.6	6.74	<5	960	2.2	2	3.11	1.2	16	61	129	5.64
Y20561		0.13	6.00		0.6	6.90	24	180	2.3	<2	1.64	<0.5	14	48	24	5.19
Y20562		1.15	2.91		2.5	5.74	<5	930	1.0	<2	2.47	0.8	8	24	69	2.86
Y20563		1.60	3.62		2.4	6.05	<5	680	1.1	<2	2.63	0.8	8	24	72	3.00
Y20564		1.59	3.00		4.0	7.76	<5	750	19.3	<2	3.11	<0.5	12	32	111	4.28
Y20565		1.81	3.33		3.2	6.68	5	1620	8.5	<2	2.74	<0.5	7	25	105	3.31
Y20566		1.58	3.81		3.5	7.50	<5	1350	7.7	<2	2.42	<0.5	8	24	118	3.43
Y20567		1.61	4.37		5.3	5.57	<5	1930	2.6	8	1.28	0.7	4	17	103	2.50
Y20568		1.64	34.6		51.9	6.36	18	590	2.9	89	1.51	26.2	12	15	62	3.57
Y20569		1.88	13.10		13.3	6.69	6	1140	9.6	6	1.94	18.6	8	18	61	3.31
Y20570		1.66	3.59		3.8	6.34	5	870	9.4	<2	3.06	0.9	8	61	60	2.59
Y20571		1.27	0.46		0.7	6.15	<5	860	6.7	<2	8.07	<0.5	29	325	172	5.23
Y20572		1.46	5.63		7.8	7.29	<5	1890	13.8	6	2.07	0.7	5	20	61	2.28
Y20573		1.66	5.08		6.2	6.18	<5	690	3.5	<2	2.10	16.3	5	18	45	2.33
Y20574		1.44	3.23		3.9	6.90	5	1730	18.7	<2	2.98	7.9	5	16	78	2.10
Y20575		1.60	3.69		3.5	5.34	<5	1060	4.8	<2	4.52	<0.5	15	92	39	3.78
Y20576		1.62	3.37		3.0	6.23	7	1910	1.5	<2	2.39	<0.5	5	21	58	2.03
Y20577		1.91	3.35		2.9	6.65	<5	1680	2.3	<2	2.23	<0.5	5	17	91	2.41
Y20578		1.65	3.40		3.8	4.73	5	1840	1.6	<2	1.36	<0.5	4	17	39	1.62
Y20579		1.61	3.46		3.9	6.76	<5	970	13.0	<2	1.61	0.5	5	20	81	2.35
Y20580		1.57	12.10		15.6	6.45	5	1260	4.8	3	1.99	11.1	7	16	54	2.89
Y20581		<0.02	10.95		14.3	6.31	5	1340	4.8	2	1.99	11.9	6	17	47	2.85
Y20582		1.83	2.62		3.3	6.97	<5	1440	17.4	<2	1.92	1.4	6	19	47	2.42
Y20583		1.21	2.58		3.2	5.90	8	2060	1.0	2	2.64	2.6	4	15	47	2.07
Y20584		1.60	3.84		3.3	6.27	7	1120	1.6	<2	3.11	3.0	7	16	75	2.56
Y20585		1.59	1.95		1.7	6.84	9	2270	2.2	2	3.12	<0.5	7	16	50	2.35
Y20586		1.49	10.25		7.2	6.80	7	2280	6.7	3	2.35	7.7	8	18	82	2.53
Y20587		1.63	2.54		2.6	7.23	<5	2270	2.2	<2	1.84	<0.5	5	18	93	2.25
Y20588		1.51	4.36		4.0	5.96	6	1910	2.6	<2	1.86	<0.5	5	17	57	1.91
Y20589		1.73	2.22		1.8	7.19	5	2010	2.3	<2	1.75	<0.5	6	17	62	2.29
Y20590		1.62	3.50		2.5	7.31	6	1580	2.5	<2	1.78	0.5	6	17	60	2.46
Y20591		1.13	2.02		2.3	6.77	7	1720	2.1	<2	2.47	<0.5	8	64	102	2.66
Y20592		1.50	0.10		0.6	6.24	11	1120	3.1	<2	5.57	<0.5	38	543	131	6.05
Y20593		1.88	0.11		0.8	6.57	8	1450	2.3	2	4.48	<0.5	32	315	158	5.18
Y20594		1.52	0.07		0.7	6.22	9	1140	2.3	<2	5.20	<0.5	28	287	173	4.97

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CERTIFICATE OF ANALYSIS TM11133558

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
Y20560		20	5.42	60	2.01	790	6	1.67	47	2380	178	1.79	<5	11	293	<10
Y20561		20	2.21	20	1.31	370	1	3.80	50	1140	70	3.40	<5	5	255	<10
Y20562		20	5.16	50	0.87	506	2	1.40	14	1130	65	2.39	<5	6	643	<10
Y20563		10	4.95	50	0.91	534	2	1.48	12	1220	65	2.51	<5	6	675	<10
Y20564		20	5.63	60	1.08	694	17	2.31	20	1680	64	3.40	<5	8	825	<10
Y20565		20	4.84	70	1.10	773	1	2.35	13	1410	30	1.76	<5	8	1185	<10
Y20566		20	5.14	60	1.06	740	7	2.90	11	1280	37	2.24	<5	7	1235	<10
Y20567		10	5.09	50	0.42	320	68	1.44	8	530	292	1.83	<5	3	659	10
Y20568		20	5.03	50	0.71	393	581	1.93	15	620	8720	3.57	<5	4	505	50
Y20569		20	5.42	50	0.67	467	746	2.06	16	720	795	2.79	<5	5	614	10
Y20570		20	4.88	60	0.91	524	30	2.18	16	1340	128	2.10	<5	7	1050	<10
Y20571		20	3.82	50	3.73	1260	1	1.92	64	2780	27	0.77	<5	23	715	<10
Y20572		20	5.47	50	0.60	384	18	2.20	10	820	375	1.87	<5	4	849	10
Y20573		20	4.83	40	0.45	364	133	1.57	8	700	77	1.78	<5	4	1310	10
Y20574		20	5.84	50	0.59	528	156	2.25	9	710	169	1.69	<5	5	614	<10
Y20575		10	4.55	80	1.29	732	64	1.24	41	1420	109	2.89	<5	10	1495	10
Y20576		20	4.34	40	0.47	428	58	1.93	9	650	50	1.62	<5	4	786	<10
Y20577		20	4.71	40	0.54	427	15	2.22	9	670	32	1.81	<5	4	590	<10
Y20578		10	4.13	40	0.36	247	23	1.37	5	510	22	1.27	<5	3	756	<10
Y20579		20	5.22	50	0.64	415	25	2.56	7	810	22	1.91	<5	4	1355	<10
Y20580		20	4.97	40	0.77	397	38	1.96	12	680	349	2.45	<5	4	421	10
Y20581		20	5.39	40	0.76	406	47	1.85	11	660	378	2.23	<5	4	386	10
Y20582		20	5.52	40	0.55	422	15	2.47	10	740	110	2.02	<5	4	831	<10
Y20583		10	5.16	60	0.51	496	42	1.72	9	600	127	1.57	<5	5	941	<10
Y20584		20	4.84	50	0.68	588	13	2.18	14	780	117	2.10	<5	4	1145	<10
Y20585		20	4.72	40	0.75	627	9	2.67	16	740	60	1.68	<5	4	1350	<10
Y20586		20	5.32	50	0.65	529	218	2.38	14	670	349	1.54	<5	4	934	10
Y20587		20	5.33	50	0.62	468	8	2.69	7	760	25	1.81	<5	4	1320	<10
Y20588		20	4.82	40	0.53	381	24	2.03	6	610	25	1.54	<5	3	1015	<10
Y20589		20	5.39	40	0.63	479	2	2.81	9	800	15	1.68	<5	4	1140	<10
Y20590		20	5.23	40	0.65	488	5	2.98	8	780	24	1.85	<5	4	1230	<10
Y20591		20	4.87	40	1.11	600	27	2.65	23	860	68	1.89	<5	6	813	<10
Y20592		20	3.38	50	5.46	1345	30	2.22	170	1320	33	1.06	<5	24	738	<10
Y20593		20	3.41	60	3.37	970	13	2.81	137	1450	54	0.57	<5	21	857	<10
Y20594		20	3.12	60	3.26	1200	16	2.73	125	1370	47	0.35	<5	22	649	<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
Y20560		0.22	<10	<10	171	10	191
Y20561		0.39	10	10	49	<10	51
Y20562		0.16	<10	<10	40	30	76
Y20563		0.17	<10	<10	41	30	79
Y20564		0.22	<10	<10	68	40	66
Y20565		0.21	<10	<10	95	20	66
Y20566		0.21	<10	<10	79	20	68
Y20567		0.11	<10	<10	23	30	40
Y20568		0.12	<10	<10	27	20	679
Y20569		0.13	<10	<10	26	30	692
Y20570		0.13	<10	<10	52	20	85
Y20571		0.38	<10	<10	225	20	200
Y20572		0.13	<10	<10	28	20	61
Y20573		0.12	<10	<10	23	20	604
Y20574		0.12	<10	<10	37	20	277
Y20575		0.16	<10	<10	90	830	82
Y20576		0.10	<10	<10	27	20	40
Y20577		0.12	<10	<10	31	20	45
Y20578		0.09	<10	<10	16	6440	29
Y20579		0.13	<10	<10	29	40	47
Y20580		0.12	<10	<10	30	1040	510
Y20581		0.12	<10	<10	29	1020	533
Y20582		0.12	<10	<10	31	20	78
Y20583		0.07	<10	<10	27	140	104
Y20584		0.08	<10	<10	36	40	104
Y20585		0.10	<10	<10	42	80	51
Y20586		0.11	<10	<10	47	240	264
Y20587		0.14	<10	<10	34	80	32
Y20588		0.10	<10	<10	17	5860	25
Y20589		0.14	<10	<10	32	50	30
Y20590		0.14	<10	<10	38	860	43
Y20591		0.17	<10	<10	54	20	59
Y20592		0.51	<10	<10	188	20	180
Y20593		0.39	<10	<10	158	20	102
Y20594		0.40	<10	<10	161	20	115