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

Date: 17-AUG-2011
Account: NORTEX

CERTIFICATE TM11133911

Project: 1916

P.O. No.: 11-127

This report is for 46 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
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

PARTIAL DATA REPORT

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

This is a Partial Data Report for the analytical results of the above mentioned methods. A final Certificate of Analysis will be available upon completion of all requested methods.

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PRELIMINARY CERTIFICATE OF ANALYSIS TM11133911

PARTIAL DATA REPORT

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
Y20514		2.90	<0.01	84.4	0.6	7.61	10	830	1.0	2	5.68	<0.5	41	137	153	8.29
Y20515		2.29	0.01		0.5	7.37	<5	2300	4.0	3	3.61	0.6	12	109	27	3.63
Y20516		2.36	<0.01		<0.5	7.56	<5	2430	4.8	2	3.75	<0.5	20	113	252	3.55
Y20517		2.22	0.01		0.7	7.16	<5	2350	3.8	<2	2.78	<0.5	12	131	28	3.45
Y20518		2.45	0.01		<0.5	7.07	<5	2570	3.6	<2	2.97	<0.5	22	120	40	3.47
Y20519		2.61	0.04		0.5	7.82	<5	1400	3.2	<2	2.66	<0.5	17	63	69	3.69
Y20520		2.18	<0.01		<0.5	3.93	16	70	2.6	<2	6.77	<0.5	66	1210	70	6.22
Y20521		0.12	1.12		<0.5	8.72	5	140	3.4	<2	2.76	<0.5	24	74	28	6.07
Y20522		2.62	0.03	91.0	<0.5	3.54	50	20	0.8	<2	5.71	<0.5	74	1310	43	6.38
Y20523		2.17	0.02		<0.5	3.76	9	60	0.8	<2	6.63	<0.5	68	1210	51	6.29
Y20524		2.38	0.01		<0.5	5.72	11	280	2.2	<2	7.40	<0.5	53	671	72	6.96
Y20525		2.13	0.04		<0.5	3.64	19	100	3.4	<2	8.60	<0.5	85	1270	135	7.54
Y20526		1.19	0.05		0.6	7.88	5	1750	3.6	<2	4.06	<0.5	12	62	56	3.63
Y20527		1.61	0.03		<0.5	6.23	6	830	4.0	<2	7.72	<0.5	41	672	129	7.06
Y20528		1.86	<0.01		<0.5	5.12	11	390	1.4	<2	6.90	<0.5	66	941	115	7.65
Y20529		1.71	0.01		<0.5	8.40	5	1830	0.6	<2	5.60	<0.5	56	437	190	9.06
Y20530		2.29	<0.01		<0.5	6.61	8	580	2.4	<2	7.66	<0.5	43	480	39	6.62
Y20531		1.77	<0.01		<0.5	4.31	9	120	2.2	<2	9.32	<0.5	66	1200	94	7.12
Y20532		1.53	<0.01		<0.5	5.93	10	170	3.1	<2	8.38	<0.5	53	703	114	6.94
Y20533		2.32	0.83		1.8	7.54	9	1630	1.7	<2	5.10	<0.5	10	33	161	3.23
Y20534		2.44	1.51		1.0	7.18	<5	1780	2.7	2	2.44	<0.5	9	31	67	3.21
Y20535		2.13	1.93		0.9	7.17	7	2020	4.2	<2	3.04	<0.5	12	53	66	3.32
Y20536		2.58	0.71		0.5	7.45	7	2350	4.8	<2	4.38	<0.5	16	103	33	4.33
Y20537		2.33	0.81		0.7	6.19	<5	1510	2.6	<2	3.86	<0.5	17	91	61	3.55
Y20538		2.13	1.56		0.7	8.05	<5	1750	3.2	<2	3.92	<0.5	15	78	68	4.04
Y20539		2.36	0.52		0.7	6.80	8	1660	1.8	<2	3.23	<0.5	9	25	41	2.80
Y20540		2.24	0.70		1.8	6.82	9	1650	1.7	<2	4.12	<0.5	11	20	63	3.31
Y20541		0.57	<0.01		<0.5	2.63	<5	80	0.5	<2	40.2	<0.5	8	33	83	1.48
Y20542		1.75	0.17		1.3	7.16	5	2000	2.9	<2	4.49	<0.5	8	22	98	2.98
Y20543		2.04	0.10		<0.5	7.77	6	2480	3.8	<2	3.56	<0.5	8	25	35	3.29
Y20544		1.99	0.19		<0.5	7.29	<5	2020	3.9	<2	4.56	<0.5	8	23	62	3.33
Y20545		2.15	0.55		0.5	8.10	<5	2310	3.9	<2	2.39	<0.5	4	25	21	2.96
Y20546		2.26	0.99		<0.5	7.39	7	2230	3.9	<2	2.97	<0.5	10	22	44	3.02
Y20547		2.36	0.14		0.5	7.77	<5	2390	4.2	<2	2.53	<0.5	7	30	46	3.19
Y20548		1.72	0.17		0.6	7.74	6	2760	3.1	<2	2.51	<0.5	8	27	24	3.28
Y20549		1.60	0.11		1.0	8.24	7	2970	3.4	<2	2.49	<0.5	10	28	69	3.50
Y20550		2.15	0.04		0.9	7.90	8	2600	3.1	<2	3.38	<0.5	12	25	131	3.53
Y20551		2.45	0.04		0.6	7.87	7	2750	3.0	<2	2.97	<0.5	12	25	120	3.76
Y20552		2.71	0.03		0.7	7.30	12	2480	2.7	<2	4.61	<0.5	18	51	128	4.27
Y20553		1.52	<0.01		<0.5	5.22	9	2890	2.8	<2	5.82	<0.5	23	223	129	3.90

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Account: NORTEX

Project: 1916

PRELIMINARY CERTIFICATE OF ANALYSIS TM11133911

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
Y20514		20	1.92	10	3.99	1580	<1	1.51	121	460	11	0.06	<5	31	459	<10
Y20515		20	5.83	70	1.77	725	1	1.44	68	1510	57	0.10	<5	9	1160	<10
Y20516		20	5.17	70	1.83	798	<1	2.57	71	1630	30	0.14	<5	8	903	<10
Y20517		20	4.84	70	1.55	664	<1	2.44	70	1600	23	0.07	<5	8	860	<10
Y20518		20	5.02	70	1.62	660	1	2.71	77	1710	34	0.17	<5	8	780	<10
Y20519		20	1.94	70	1.49	696	91	4.93	29	1360	30	1.78	<5	9	745	<10
Y20520		10	1.79	20	12.80	1340	20	0.06	966	90	4	0.27	<5	20	124	<10
Y20521		20	3.67	10	1.91	520	1	3.75	77	1180	64	3.42	<5	6	363	<10
Y20522		10	0.29	10	14.20	1015	1	0.04	1110	80	3	0.97	<5	21	86	<10
Y20523		10	0.57	10	13.30	1245	7	0.07	915	80	4	1.38	<5	22	109	<10
Y20524		20	1.69	90	8.85	1655	3	1.69	479	1670	11	0.92	<5	27	728	<10
Y20525		10	0.79	20	11.05	1705	35	0.15	1115	120	36	3.39	<5	22	249	<10
Y20526		20	2.66	110	2.52	876	37	4.22	72	1360	66	0.27	<5	7	1010	<10
Y20527		20	3.28	60	6.76	1840	30	0.99	412	1050	25	0.53	<5	26	704	<10
Y20528		10	1.50	10	10.50	1570	8	0.42	805	310	53	0.86	<5	25	247	<10
Y20529		20	2.97	10	5.79	1545	1	1.47	332	380	26	0.33	<5	34	628	<10
Y20530		20	1.99	70	6.11	1720	7	2.39	266	1710	53	0.09	<5	30	776	<10
Y20531		10	2.09	20	9.46	2320	3	0.46	881	280	64	0.11	<5	23	412	<10
Y20532		20	1.68	40	7.30	2130	3	2.23	469	1170	39	0.73	<5	30	793	<10
Y20533		20	4.96	100	2.00	825	15	2.52	25	1230	195	1.81	<5	5	603	<10
Y20534		20	5.11	70	1.12	503	<1	1.97	14	1010	49	2.05	<5	5	463	<10
Y20535		20	4.66	60	1.30	663	<1	2.05	23	1400	36	1.89	<5	8	697	<10
Y20536		20	4.94	80	2.05	1055	<1	2.61	47	2050	30	0.84	<5	13	759	<10
Y20537		20	4.71	60	1.73	743	<1	1.95	41	1510	35	2.22	<5	10	548	<10
Y20538		20	5.49	90	1.55	777	1	2.68	35	1810	34	2.49	<5	11	813	<10
Y20539		20	4.78	110	1.16	543	4	2.49	9	930	45	1.88	<5	5	467	<10
Y20540		20	5.25	320	1.51	750	32	1.87	11	1110	130	2.37	<5	6	453	<10
Y20541		<10	0.71	170	1.27	301	3	0.17	53	960	7	1.57	7	4	1910	<10
Y20542		20	5.21	90	1.62	929	4	2.45	9	1100	148	1.54	<5	5	668	<10
Y20543		20	5.49	70	1.63	990	<1	2.91	11	1150	39	0.69	<5	5	749	<10
Y20544		20	5.35	110	1.79	952	3	2.65	11	1090	33	0.90	<5	5	640	<10
Y20545		20	5.27	60	0.89	541	<1	2.72	8	1170	22	0.64	<5	5	646	<10
Y20546		20	5.13	60	1.01	702	<1	2.70	8	1140	22	1.52	<5	5	750	<10
Y20547		20	5.17	60	1.40	824	<1	3.26	10	1260	24	0.40	<5	5	854	<10
Y20548		20	5.58	50	1.09	793	3	3.02	8	1120	77	0.54	<5	5	1080	<10
Y20549		20	5.96	60	1.03	740	<1	3.10	12	1260	195	0.26	<5	6	1360	<10
Y20550		20	5.65	70	1.68	866	2	2.58	19	1750	122	0.75	<5	5	859	<10
Y20551		20	5.61	80	1.66	835	2	2.38	20	1810	97	0.79	<5	6	882	<10
Y20552		20	4.89	100	2.70	1090	4	1.97	61	2930	76	0.59	<5	7	977	<10
Y20553		10	3.54	100	3.66	1040	<1	0.92	189	3650	396	0.15	<5	11	1170	<10

PARTIAL DATA REPORT

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Date: 17-AUG-2011
Account: NORTEX

Project: 1916

PRELIMINARY CERTIFICATE OF ANALYSIS TM11133911

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
Y20514		0.53	<10	<10	236	<10	124
Y20515		0.27	<10	<10	86	<10	76
Y20516		0.27	<10	<10	84	<10	60
Y20517		0.27	<10	<10	84	<10	57
Y20518		0.29	<10	<10	83	20	59
Y20519		0.26	<10	<10	91	<10	50
Y20520		0.21	<10	<10	136	<10	170
Y20521		0.61	<10	<10	73	<10	58
Y20522		0.19	<10	<10	124	<10	124
Y20523		0.20	<10	<10	125	<10	119
Y20524		0.39	<10	<10	181	<10	171
Y20525		0.18	<10	<10	120	<10	197
Y20526		0.25	<10	<10	96	20	75
Y20527		0.48	<10	<10	196	20	167
Y20528		0.31	<10	<10	160	<10	177
Y20529		0.53	<10	<10	241	<10	155
Y20530		0.48	<10	<10	211	10	192
Y20531		0.24	<10	<10	152	10	301
Y20532		0.40	<10	<10	194	<10	284
Y20533		0.16	<10	<10	69	10	84
Y20534		0.16	<10	<10	76	10	45
Y20535		0.23	<10	<10	103	10	63
Y20536		0.35	<10	<10	117	10	81
Y20537		0.28	<10	<10	110	10	66
Y20538		0.29	<10	<10	137	10	73
Y20539		0.14	<10	<10	61	10	44
Y20540		0.14	<10	<10	80	20	69
Y20541		0.14	<10	10	92	<10	342
Y20542		0.16	<10	<10	66	30	86
Y20543		0.19	<10	<10	80	40	97
Y20544		0.20	<10	<10	84	20	83
Y20545		0.21	<10	<10	96	20	38
Y20546		0.19	<10	<10	64	10	52
Y20547		0.19	<10	<10	80	10	85
Y20548		0.21	<10	<10	83	10	81
Y20549		0.22	<10	<10	84	10	76
Y20550		0.21	<10	<10	82	20	117
Y20551		0.21	<10	<10	88	10	109
Y20552		0.25	<10	<10	115	10	123
Y20553		0.28	<10	<10	92	<10	143

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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
Y20554		1.80	0.08		0.6	6.64	8	2480	4.7	2	4.34	<0.5	19	137	88	4.19
Y20555		2.02	0.04		0.7	7.39	5	1480	2.4	2	2.33	<0.5	13	22	104	3.69
Y20556		2.51	1.27		1.3	6.91	<5	3010	2.7	3	2.56	<0.5	11	26	133	3.77
Y20557		2.15	1.25		1.2	6.93	<5	2670	1.9	2	2.21	<0.5	10	19	34	3.36
Y20558		1.92	0.05		0.6	6.71	5	1310	1.9	2	2.49	<0.5	19	38	240	4.64
Y20559		1.34	1.39		1.7	7.11	<5	1310	1.8	<2	3.01	<0.5	22	40	36	5.57

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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	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
Y20554		20	4.31	90	2.96	905	4	1.16	102	2810	38	0.62	<5	9	1180	<10
Y20555		20	4.90	60	1.43	729	11	2.92	11	1320	65	0.68	<5	5	598	<10
Y20556		20	4.98	80	1.37	736	<1	2.64	17	1400	62	1.15	<5	6	958	<10
Y20557		20	5.15	110	1.06	640	<1	2.68	7	1230	48	1.52	<5	5	1070	<10
Y20558		20	5.51	60	1.84	847	10	2.31	23	2490	65	0.66	<5	8	489	<10
Y20559		20	5.83	80	1.85	785	3	2.04	23	2680	59	1.70	<5	10	463	<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
Y20554		0.26	<10	<10	100	10	120
Y20555		0.19	<10	<10	93	10	101
Y20556		0.16	<10	<10	129	10	106
Y20557		0.15	<10	<10	79	10	89
Y20558		0.23	<10	<10	126	10	154
Y20559		0.25	<10	<10	152	10	145

PARTIAL DATA REPORT