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: 17-AUG-2011
This copy reported on 26-SEP-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

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

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

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: 17-AUG-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11133911

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	<0.5	8.09	5	880	1.1	<2	5.93	<0.5	42	160	160	8.63
Y20515		2.29	0.01		<0.5	7.16	<5	2270	4.1	<2	3.52	<0.5	11	121	25	3.48
Y20516		2.36	<0.01		<0.5	7.21	<5	2340	4.8	<2	3.63	<0.5	20	124	251	3.42
Y20517		2.22	0.02		<0.5	7.32	<5	2440	4.2	<2	2.92	<0.5	14	156	29	3.67
Y20518		2.45	<0.01		<0.5	7.43	<5	2490	3.7	<2	2.81	<0.5	20	129	33	3.47
Y20519		2.61	0.04		<0.5	7.83	<5	1350	3.3	<2	2.50	<0.5	17	66	68	3.71
Y20520		2.18	<0.01		<0.5	3.89	5	70	2.8	<2	6.56	<0.5	68	1560	72	6.25
Y20521		0.12	1.31		<0.5	8.44	<5	140	3.4	<2	2.58	<0.5	22	80	27	5.90
Y20522		2.62	0.04	91.0	<0.5	3.69	45	20	0.8	<2	5.68	<0.5	78	1585	46	6.55
Y20523		2.17	0.02		<0.5	3.83	6	60	0.8	<2	6.46	<0.5	71	1555	53	6.47
Y20524		2.38	<0.01		<0.5	5.47	<5	270	2.2	<2	6.87	<0.5	53	791	69	6.66
Y20525		2.13	0.05		<0.5	3.71	15	110	3.6	<2	8.55	<0.5	91	1710	144	7.70
Y20526		1.19	0.07		<0.5	7.59	<5	1720	3.7	<2	3.86	<0.5	11	71	58	3.58
Y20527		1.61	0.02		<0.5	6.52	<5	850	4.5	<2	7.73	<0.5	42	839	144	7.26
Y20528		1.86	<0.01		<0.5	5.30	7	410	1.5	<2	6.98	<0.5	71	1195	130	7.96
Y20529		1.71	0.02		<0.5	8.09	<5	1800	0.6	<2	5.34	<0.5	56	484	191	8.86
Y20530		2.29	<0.01		<0.5	6.48	<5	550	2.4	<2	7.08	<0.5	42	531	37	6.35
Y20531		1.77	<0.01		<0.5	4.21	<5	120	2.4	<2	9.12	<0.5	67	1495	100	7.06
Y20532		1.53	<0.01		<0.5	5.51	<5	150	3.1	<2	7.58	<0.5	49	791	111	6.46
Y20533		2.32	0.84		1.3	7.25	<5	1530	1.8	<2	4.71	<0.5	10	36	163	3.12
Y20534		2.44	1.51		0.7	6.93	<5	1510	2.6	<2	2.17	<0.5	7	31	63	2.96
Y20535		2.13	1.88		<0.5	7.00	<5	1770	4.4	<2	2.81	<0.5	11	59	65	3.16
Y20536		2.58	0.67		<0.5	7.36	<5	2230	5.0	<2	4.08	<0.5	15	119	32	4.30
Y20537		2.33	0.81		<0.5	6.17	<5	1480	2.7	<2	3.62	<0.5	16	101	61	3.45
Y20538		2.13	1.53		<0.5	7.83	5	1600	3.3	<2	3.72	<0.5	14	81	69	4.20
Y20539		2.36	0.53		<0.5	6.89	<5	1590	1.8	3	3.17	<0.5	9	24	42	2.95
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

Comments: **Corrected Copy for Au-AA26 and ME-ICP61 on Samples Y20514-Y20539.**

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: 17-AUG-2011
Account: NORTEX

Project: 1916

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	2.07	20	4.29	1645	<1	1.57	132	480	15	0.06	<5	33	471	<10
Y20515		20	5.62	70	1.77	697	<1	1.40	70	1520	64	0.09	<5	9	1135	<10
Y20516		20	5.06	70	1.82	770	<1	2.48	75	1620	30	0.14	<5	9	860	<10
Y20517		20	5.07	70	1.68	703	<1	2.52	77	1680	30	0.07	<5	9	870	<10
Y20518		20	5.12	90	1.63	636	<1	2.54	74	1680	27	0.16	5	10	813	<10
Y20519		20	1.92	80	1.45	676	84	4.67	32	1360	31	1.74	<5	10	770	<10
Y20520		10	1.82	30	13.10	1325	19	0.06	1085	100	9	0.26	<5	21	125	<10
Y20521		30	3.56	20	1.86	501	<1	3.49	83	1160	64	3.18	<5	7	364	<10
Y20522		10	0.30	20	14.95	1035	<1	0.04	1225	80	8	0.99	<5	22	90	<10
Y20523		10	0.59	20	13.65	1230	6	0.06	1000	90	10	1.37	<5	23	109	<10
Y20524		10	1.63	90	8.45	1585	2	1.54	496	1620	15	0.89	<5	27	712	<10
Y20525		10	0.82	40	11.55	1765	35	0.15	1235	130	41	3.36	<5	23	259	10
Y20526		20	2.67	90	2.45	858	36	3.81	74	1370	66	0.26	<5	7	1055	<10
Y20527		20	3.49	70	6.99	1945	29	0.99	469	1100	28	0.51	7	28	744	<10
Y20528		10	1.64	20	11.05	1620	7	0.42	916	330	56	0.86	<5	27	271	<10
Y20529		20	2.91	20	5.62	1500	<1	1.34	341	380	28	0.29	10	33	613	<10
Y20530		10	1.96	80	5.86	1665	6	2.21	283	1650	50	0.09	5	30	785	<10
Y20531		10	2.12	40	9.43	2370	3	0.43	951	270	63	0.11	<5	24	427	10
Y20532		10	1.58	40	6.79	2020	2	1.96	478	1100	36	0.66	<5	28	760	<10
Y20533		20	4.63	100	1.94	782	12	2.34	27	1180	189	1.73	<5	6	594	<10
Y20534		20	4.05	80	1.04	463	<1	1.79	13	940	45	1.86	<5	6	450	<10
Y20535		20	4.13	70	1.24	630	<1	1.92	25	1390	34	1.75	<5	8	690	<10
Y20536		20	5.06	90	2.00	1015	<1	2.45	51	2020	34	0.79	<5	14	778	<10
Y20537		20	4.43	70	1.71	721	<1	1.85	41	1470	33	2.13	<5	12	553	<10
Y20538		20	5.56	80	1.48	758	1	2.59	34	1750	32	2.36	<5	10	835	<10
Y20539		20	4.79	110	1.15	548	4	2.52	10	940	49	1.87	<5	5	494	<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

Comments: **Corrected Copy for Au-AA26 and ME-ICP61 on Samples Y20514-Y20539.**

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: 17-AUG-2011
Account: NORTEX

Project: 1916

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		0.56	10	<10	255	<10	132
Y20515		0.27	<10	<10	85	10	76
Y20516		0.27	<10	<10	85	<10	61
Y20517		0.29	<10	<10	90	<10	60
Y20518		0.28	<10	<10	84	20	53
Y20519		0.26	<10	<10	95	10	50
Y20520		0.21	<10	<10	143	<10	180
Y20521		0.58	<10	<10	75	<10	59
Y20522		0.19	<10	<10	132	<10	132
Y20523		0.20	<10	<10	134	<10	128
Y20524		0.36	<10	<10	183	<10	172
Y20525		0.18	<10	<10	130	<10	206
Y20526		0.24	<10	<10	100	10	73
Y20527		0.50	<10	<10	217	20	184
Y20528		0.32	<10	<10	182	<10	196
Y20529		0.52	10	<10	247	10	157
Y20530		0.46	<10	<10	213	10	193
Y20531		0.24	<10	<10	163	10	316
Y20532		0.37	<10	<10	191	10	277
Y20533		0.15	<10	<10	69	10	84
Y20534		0.14	<10	<10	72	10	43
Y20535		0.22	<10	<10	105	20	60
Y20536		0.33	<10	<10	121	10	81
Y20537		0.27	<10	<10	113	10	66
Y20538		0.27	<10	<10	139	10	72
Y20539		0.13	<10	<10	62	10	45
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

Comments: **Corrected Copy for Au-AA26 and ME-ICP61 on Samples Y20514-Y20539.**

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: 17-AUG-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11133911

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

Comments: **Corrected Copy for Au-AA26 and ME-ICP61 on Samples Y20514-Y20539.**

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: 17-AUG-2011
Account: NORTEX

Project: 1916

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
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

Comments: **Corrected Copy for Au-AA26 and ME-ICP61 on Samples Y20514-Y20539.**

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: 17-AUG-2011
Account: NORTEX

Project: 1916

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
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

Comments: **Corrected Copy for Au-AA26 and ME-ICP61 on Samples Y20514-Y20539.**