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: 7-MAY-2011
Account: NORTEX

CERTIFICATE TM11063836

Project: 1916

P.O. No.: 10-120

This report is for 81 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
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% <75um
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: 7-MAY-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11063836

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
M65145		4.29	0.02	89.4	1.6	7.40	19	1610	3.6	<2	6.20	8.3	19	38	67	5.00
M65146		2.91	0.01		1.0	7.31	11	1550	4.1	<2	6.37	<0.5	16	31	25	4.43
M65147		2.97	0.12		1.3	7.32	10	1650	5.4	<2	4.53	<0.5	17	52	88	4.24
M65148		4.86	0.17		1.7	7.35	5	3020	3.1	<2	4.23	<0.5	17	44	55	4.43
M65149		4.06	0.19		1.5	6.75	5	750	3.1	<2	3.66	<0.5	15	41	42	4.37
M65150		3.48	0.15		1.7	7.55	9	780	3.2	<2	4.17	<0.5	19	45	78	4.69
M65151		4.16	0.07		1.7	6.82	11	1210	2.7	<2	4.14	<0.5	15	35	47	4.15
M65152		3.72	0.01		1.6	7.40	14	2800	3.1	<2	4.41	<0.5	18	54	42	4.60
M65153		4.06	0.01		1.3	7.51	10	2560	3.6	<2	4.21	<0.5	18	57	39	4.73
M65154		3.35	0.02		1.5	7.07	12	540	2.9	<2	3.82	<0.5	18	40	52	4.54
M65155		3.83	0.01		2.2	7.62	11	3520	3.8	<2	4.18	<0.5	16	39	21	4.89
M65156		3.28	0.04		2.1	7.54	12	3100	4.2	<2	4.20	<0.5	17	45	35	4.81
M65157		2.94	0.06		3.1	7.26	17	3620	3.2	<2	4.75	<0.5	20	194	70	4.98
M65158		4.03	0.01		2.1	7.08	14	3100	3.4	<2	4.25	<0.5	16	34	43	4.51
M65159		4.51	0.01		1.2	7.53	12	2960	3.7	<2	4.49	<0.5	18	41	38	4.76
M65160		4.38	0.20		1.7	7.85	14	740	4.9	<2	5.50	<0.5	20	49	37	4.77
M65161		0.11	6.16		0.9	7.40	26	190	2.5	<2	1.74	<0.5	16	47	25	5.54
M65162		3.25	0.06		1.0	7.47	20	2330	4.0	<2	3.10	<0.5	10	69	9	2.56
M65163		3.99	0.03		1.1	7.22	13	2310	3.6	<2	2.87	<0.5	11	70	11	2.60
M65164		3.42	0.05		1.1	7.15	5	2280	3.3	<2	2.77	<0.5	11	74	19	2.66
M65165		2.85	0.03		1.1	7.18	6	2020	2.9	<2	2.72	<0.5	9	84	7	2.61
M65166		3.24	0.07		1.2	7.29	12	850	3.9	<2	3.27	<0.5	11	84	10	2.85
M65167		3.49	0.51		1.1	6.68	10	230	4.0	<2	3.77	<0.5	17	43	9	4.32
M65168		3.36	0.46		1.7	7.55	17	230	3.4	<2	4.50	<0.5	18	39	35	4.77
M65169		3.48	0.03		1.5	7.23	6	4310	4.2	<2	4.84	<0.5	16	73	28	4.12
M65170		3.42	0.58		1.1	8.62	11	870	5.6	<2	4.33	<0.5	19	54	36	5.58
M65171		2.78	0.50		1.8	7.29	15	940	3.1	<2	7.13	<0.5	19	39	79	4.62
M65172		2.20	0.01		1.0	7.35	59	570	3.9	<2	3.44	<0.5	39	40	131	11.15
M65173		4.41	0.35		1.7	7.43	5	1420	2.9	<2	4.21	<0.5	16	55	67	4.47
M65174		4.16	0.02		1.6	7.15	12	3230	4.0	<2	4.31	<0.5	17	66	48	4.75
M65175		4.19	0.19		2.0	7.63	5	3090	3.0	<2	4.31	<0.5	18	39	59	5.13
M65176		3.47	0.61		1.2	7.17	10	2910	2.5	<2	4.29	<0.5	19	18	51	5.07
M65177		4.10	0.03		1.6	6.96	13	400	1.8	<2	3.87	<0.5	18	21	37	4.66
M65178		4.11	0.03		1.3	7.07	25	330	2.9	<2	3.66	<0.5	18	21	37	4.70
M65179		4.23	0.02		<0.5	6.81	15	370	2.8	2	4.99	<0.5	18	54	33	4.47
M65180		4.69	0.02		<0.5	7.22	13	270	3.3	2	4.37	<0.5	20	84	32	4.33
M65181		<0.02	0.02		<0.5	7.16	14	310	3.3	3	4.38	<0.5	20	80	31	4.26
M65182		3.93	0.01		<0.5	7.03	11	1860	4.0	<2	5.03	<0.5	22	235	26	4.58
M65183		3.95	0.01		<0.5	7.18	10	2060	3.0	<2	4.66	<0.5	13	85	45	3.52
M65184		3.80	0.02	8.98	1.9	7.30	23	1260	5.2	<2	4.96	<0.5	19	119	8	4.07

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: 7-MAY-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11063836

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
M65145		20	3.32	80	1.99	973	13	2.08	26	1820	359	0.90	<5	13	731	<10
M65146		20	3.84	90	2.10	1090	1	1.31	25	1880	72	0.23	<5	13	1070	<10
M65147		20	3.64	90	1.73	956	2	1.88	26	1920	48	0.98	<5	13	1130	<10
M65148		20	4.14	80	1.68	1090	1	2.62	23	1850	36	0.99	<5	13	1880	<10
M65149		20	4.12	70	1.63	1025	1	2.29	27	1800	26	1.95	<5	12	1850	<10
M65150		20	4.29	70	1.75	1205	2	2.90	26	2030	30	2.22	<5	13	2100	<10
M65151		20	3.49	50	1.52	1400	2	3.37	22	1670	34	1.47	<5	11	1870	<10
M65152		20	3.72	80	1.68	1495	2	3.38	27	1850	37	0.67	<5	12	1490	<10
M65153		20	4.13	80	1.84	1250	1	2.89	29	1860	36	0.36	<5	13	1390	<10
M65154		20	3.48	70	1.61	1085	4	3.18	24	1950	32	1.89	<5	12	1780	<10
M65155		20	4.57	80	1.88	1270	3	2.70	22	1900	32	0.45	<5	13	2770	<10
M65156		20	4.42	90	1.97	1170	1	2.46	26	2040	33	0.17	<5	13	2400	<10
M65157		20	4.25	90	2.34	1390	2	2.43	119	1690	37	0.28	<5	14	3290	<10
M65158		20	4.33	70	1.78	1235	2	2.43	24	1820	32	0.20	<5	12	1910	<10
M65159		20	4.50	80	1.73	1295	2	2.56	20	1880	23	0.29	<5	13	1290	10
M65160		20	5.01	90	1.53	1190	136	1.74	29	2400	19	1.61	<5	14	1530	<10
M65161		20	2.33	10	1.33	388	3	4.00	50	1130	67	3.53	<5	6	263	<10
M65162		20	3.84	30	0.99	633	2	3.07	27	880	6	0.28	<5	7	1060	<10
M65163		20	3.07	40	1.34	788	3	3.53	24	930	9	0.56	<5	7	1200	<10
M65164		20	3.48	30	1.28	757	1	3.59	23	820	10	0.76	<5	7	1290	<10
M65165		20	3.29	30	1.24	704	1	3.68	24	920	8	0.37	<5	8	1170	<10
M65166		20	1.95	40	1.53	855	4	4.20	25	960	16	1.51	<5	11	1140	<10
M65167		20	1.89	70	1.63	992	5	4.06	28	1470	20	3.44	<5	13	1040	<10
M65168		20	4.33	70	1.90	1300	3	3.14	26	1920	24	2.91	<5	12	1610	<10
M65169		20	3.99	80	2.04	1365	2	2.34	37	1710	16	0.51	<5	13	1630	<10
M65170		30	4.80	90	1.85	1090	1	2.96	35	2100	18	3.41	<5	17	1010	<10
M65171		20	3.14	90	2.13	1730	2	3.10	25	1800	31	1.39	<5	14	2040	<10
M65172		20	1.06	30	3.17	662	3	2.10	33	1000	17	0.43	<5	36	814	10
M65173		20	4.05	70	1.78	1355	1	3.25	28	1820	30	1.57	<5	13	1550	<10
M65174		20	4.28	70	1.76	1345	2	2.97	39	1890	35	0.88	<5	13	1520	<10
M65175		20	4.57	80	1.81	1505	2	3.06	22	1930	35	1.32	<5	14	2410	<10
M65176		20	4.41	80	1.60	1615	2	2.90	14	2230	44	1.07	<5	14	1550	<10
M65177		20	4.28	50	1.42	1485	2	3.31	15	1910	39	2.00	<5	12	1510	<10
M65178		20	4.27	90	1.44	1355	3	2.64	19	1930	18	2.44	<5	13	1390	<10
M65179		20	3.11	120	2.05	1870	4	2.84	40	1610	21	1.93	<5	11	1270	<10
M65180		20	2.77	80	1.80	1625	2	3.49	40	1730	14	1.98	<5	12	1240	<10
M65181		20	2.75	80	1.81	1620	1	3.45	38	1700	13	1.93	<5	12	1245	<10
M65182		20	3.08	70	2.23	1920	1	2.77	127	1510	17	0.73	<5	12	782	<10
M65183		20	3.56	60	1.43	1100	1	2.80	36	1620	12	0.26	5	11	708	<10
M65184		20	3.59	80	1.06	736	4	1.99	52	1930	5	0.78	<5	13	421	<10

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: 7-MAY-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11063836

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
M65145		0.29	<10	<10	138	10	1245
M65146		0.27	<10	<10	122	<10	174
M65147		0.25	<10	<10	123	10	139
M65148		0.24	<10	<10	125	10	96
M65149		0.21	<10	<10	124	10	79
M65150		0.21	<10	<10	129	10	105
M65151		0.17	<10	<10	109	<10	82
M65152		0.22	<10	<10	123	<10	111
M65153		0.24	<10	<10	125	<10	121
M65154		0.19	<10	<10	113	10	81
M65155		0.22	<10	<10	132	<10	102
M65156		0.23	<10	<10	140	<10	113
M65157		0.25	<10	<10	130	<10	117
M65158		0.23	<10	<10	124	<10	95
M65159		0.25	<10	<10	130	<10	99
M65160		0.22	<10	<10	156	10	101
M65161		0.40	10	10	52	<10	50
M65162		0.12	<10	10	64	<10	51
M65163		0.11	<10	10	69	<10	54
M65164		0.11	<10	10	75	10	40
M65165		0.11	<10	10	75	<10	45
M65166		0.11	<10	10	181	10	56
M65167		0.17	<10	<10	212	20	65
M65168		0.20	<10	<10	159	20	75
M65169		0.21	<10	<10	117	10	94
M65170		0.24	<10	<10	319	20	69
M65171		0.24	<10	<10	154	10	83
M65172		0.88	<10	<10	336	<10	287
M65173		0.27	<10	<10	128	20	75
M65174		0.24	<10	<10	143	<10	85
M65175		0.26	<10	<10	137	10	72
M65176		0.23	<10	<10	144	<10	74
M65177		0.18	<10	<10	123	<10	58
M65178		0.13	<10	<10	122	<10	68
M65179		0.14	<10	<10	108	<10	95
M65180		0.13	<10	<10	100	<10	77
M65181		0.14	<10	<10	99	<10	78
M65182		0.16	<10	<10	113	<10	109
M65183		0.20	<10	<10	100	<10	46
M65184		0.16	<10	<10	122	<10	63

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: 7-MAY-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11063836

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
M65185		4.36	0.03	95.0	<0.5	7.14	11	840	3.5	4	4.32	<0.5	16	175	14	3.26
M65186		4.14	0.02		<0.5	6.52	7	320	3.2	<2	3.86	<0.5	13	111	10	3.42
M65187		4.08	0.06		<0.5	7.27	10	320	2.3	<2	3.43	<0.5	15	76	11	3.60
M65188		3.64	0.18		<0.5	7.03	8	1150	2.1	<2	3.47	<0.5	15	89	32	3.66
M65189		3.77	0.04		<0.5	7.93	10	360	3.4	2	3.80	<0.5	15	103	12	3.85
M65190		4.04	0.03		<0.5	7.84	14	390	3.9	<2	5.73	<0.5	14	71	16	4.37
M65191		4.19	0.07		<0.5	7.39	57	170	3.8	4	3.76	<0.5	23	72	33	4.79
M65192		3.87	0.03		<0.5	7.46	13	820	4.0	2	4.27	<0.5	15	74	23	3.92
M65193		4.15	0.03		<0.5	7.20	18	560	3.8	<2	4.18	<0.5	15	66	32	3.67
M65194		4.24	0.06		<0.5	7.39	14	190	3.5	<2	4.29	<0.5	20	59	30	4.77
M65195		4.01	0.06		<0.5	7.18	21	160	1.6	2	4.92	<0.5	19	81	46	4.64
M65196		4.42	0.05		<0.5	7.38	21	140	1.7	<2	4.13	<0.5	19	65	49	4.71
M65197		3.99	0.08		<0.5	7.25	23	100	1.7	3	4.44	<0.5	19	24	37	5.18
M65198		4.38	0.12		<0.5	6.96	12	150	0.8	<2	4.93	<0.5	16	13	28	4.60
M65199		3.87	0.15		<0.5	7.64	35	330	1.0	<2	3.74	<0.5	15	23	50	3.94
M65200		3.83	0.26		<0.5	7.71	35	190	1.5	2	4.14	<0.5	17	55	52	4.83
M65201		0.12	1.27		0.5	8.62	26	160	3.4	<2	2.70	<0.5	21	68	28	6.21
M65202		4.26	0.89		<0.5	7.67	9	460	2.5	<2	2.77	<0.5	17	57	53	4.94
M65203		4.72	0.44		<0.5	7.48	10	190	1.7	2	4.23	<0.5	17	62	24	4.57
M65204		1.82	0.81		<0.5	7.29	10	220	1.8	<2	4.83	<0.5	17	64	26	4.70
M65205		4.39	0.40		<0.5	7.29	9	420	2.1	<2	4.49	<0.5	14	31	43	4.52
M65206		3.96	0.12		<0.5	7.08	13	220	1.2	<2	4.80	<0.5	12	33	48	3.94
M65207		4.38	0.01		<0.5	6.99	9	2960	3.1	<2	3.99	<0.5	17	39	38	4.65
M65208		4.01	<0.01		<0.5	7.15	14	3440	3.2	<2	4.06	<0.5	15	64	56	4.94
M65209		4.41	0.01		<0.5	7.14	16	3230	3.5	<2	4.41	<0.5	17	35	34	4.54
M65210		3.57	0.13		<0.5	7.17	11	340	2.2	5	4.30	<0.5	16	54	73	4.43
M65211		4.14	0.13		<0.5	7.08	15	420	2.0	<2	4.33	<0.5	17	43	37	4.62
M65212		4.57	0.06		<0.5	7.15	22	180	2.9	3	4.20	<0.5	18	52	31	4.80
M65213		4.51	0.05		<0.5	7.46	14	150	1.3	5	3.82	0.5	15	24	44	4.22
M65214		4.00	0.05		<0.5	7.12	14	140	1.0	2	3.96	0.5	16	23	27	4.82
M65215		2.74	0.10		<0.5	6.49	18	130	2.0	<2	5.94	0.6	18	14	35	5.10
M65216		2.81	0.02		<0.5	6.76	16	4630	5.5	<2	4.23	<0.5	23	47	70	4.38
M65217		3.67	0.21		<0.5	6.47	127	840	7.5	<2	5.88	<0.5	52	1530	53	6.50
M65218		4.01	0.07		<0.5	7.13	26	140	5.9	<2	6.65	0.6	56	927	3	6.70
M65219		3.24	0.08		<0.5	6.98	150	340	4.8	<2	6.09	<0.5	70	782	9	6.47
M65220		3.79	0.05		<0.5	7.35	21	1460	3.5	<2	6.04	<0.5	17	107	18	4.43
M65221		0.47	0.01		<0.5	2.70	<5	90	0.5	<2	39.4	<0.5	10	33	87	1.58
M65222		3.88	0.02		<0.5	7.15	14	1400	3.4	<2	3.91	<0.5	13	30	80	3.92
M65223		2.48	0.01		<0.5	6.96	10	1080	3.5	<2	3.85	<0.5	10	14	12	2.96
M65224		3.27	0.02		<0.5	6.81	14	1060	3.2	<2	4.62	<0.5	9	42	38	3.89

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: 7-MAY-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11063836

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
M65185		20	3.96	40	1.53	992	14	2.72	42	1050	17	1.77	<5	11	899	<10
M65186		20	3.29	60	1.82	1075	4	2.60	34	910	15	1.84	<5	10	1240	<10
M65187		20	3.96	60	1.54	1065	4	3.23	28	1160	17	2.38	<5	10	1450	<10
M65188		20	3.15	60	1.46	954	2	3.33	30	1480	20	1.12	<5	10	1130	<10
M65189		20	3.90	60	1.79	1100	3	3.62	37	880	20	2.54	<5	12	1600	<10
M65190		20	3.89	80	2.79	1360	6	3.11	45	870	28	2.52	5	14	1915	<10
M65191		20	4.40	80	1.61	1055	42	2.52	31	1740	22	3.06	<5	11	1335	<10
M65192		20	3.38	70	1.78	1245	2	3.22	30	1550	14	1.61	<5	12	1420	<10
M65193		20	3.59	60	1.79	1240	2	2.99	28	1550	28	1.63	<5	11	1270	<10
M65194		20	3.93	70	1.91	1285	16	2.90	36	1540	30	3.25	<5	13	1635	<10
M65195		20	3.98	70	2.12	1370	5	3.17	50	1630	38	3.27	<5	12	1775	<10
M65196		20	4.49	80	1.78	1250	5	3.02	41	1790	36	3.36	5	12	1605	<10
M65197		20	4.20	100	1.84	1455	4	3.00	20	2120	42	4.04	<5	12	1655	<10
M65198		20	3.76	110	2.04	1540	12	3.46	17	2110	40	3.46	5	11	1985	<10
M65199		20	3.55	60	1.52	1080	7	4.26	16	1470	41	2.91	<5	9	1195	<10
M65200		20	3.58	60	1.76	1090	30	4.01	28	1600	53	3.74	<5	10	1400	<10
M65201		30	3.52	20	1.93	508	2	3.70	71	1170	73	3.10	<5	6	370	<10
M65202		20	3.78	90	1.17	970	1	2.49	29	2580	22	2.31	<5	12	8840	<10
M65203		20	4.86	80	1.69	1215	1	2.56	25	2000	21	2.50	<5	12	2710	<10
M65204		20	4.48	80	1.96	1340	1	2.49	27	1940	17	2.79	<5	12	1695	<10
M65205		20	3.84	90	1.82	1225	1	3.10	17	1970	24	1.55	<5	12	1990	<10
M65206		20	4.12	80	2.02	1450	1	2.81	19	2020	33	2.44	7	11	2470	<10
M65207		20	3.74	80	1.63	1145	2	2.63	17	1980	23	0.43	<5	12	2550	<10
M65208		20	3.86	80	1.75	1185	<1	2.48	27	2060	21	0.18	<5	13	2330	<10
M65209		20	4.00	90	1.87	1225	1	2.52	21	2000	20	0.26	<5	12	2280	<10
M65210		20	3.76	90	1.78	1330	1	3.19	24	2060	58	2.72	<5	13	1795	<10
M65211		20	3.81	90	1.69	1435	2	3.12	18	2070	26	1.86	<5	12	1600	<10
M65212		20	3.17	80	1.69	1380	4	3.38	24	2070	24	3.15	<5	12	1385	<10
M65213		20	4.44	70	1.43	1150	9	3.40	15	2030	31	3.21	<5	9	1230	<10
M65214		20	4.01	50	1.48	1150	7	3.45	21	2120	29	3.86	<5	8	1255	<10
M65215		10	4.02	80	2.50	1675	10	2.43	18	2120	38	3.10	<5	12	2030	<10
M65216		10	3.52	80	1.90	1145	<1	2.27	51	1980	15	0.65	<5	12	2060	<10
M65217		20	2.80	30	3.60	1555	<1	1.71	826	740	20	2.08	<5	26	1490	<10
M65218		20	2.54	60	3.85	1790	<1	2.59	637	1060	22	4.14	<5	26	2010	<10
M65219		20	2.16	40	2.98	1715	<1	3.10	634	1380	36	4.09	<5	22	1640	10
M65220		10	2.39	90	1.78	1090	<1	3.46	171	1810	16	0.77	<5	12	1135	<10
M65221		<10	0.77	180	1.29	312	3	0.18	52	990	7	1.57	<5	4	2000	<10
M65222		10	2.69	90	1.40	1075	<1	3.93	143	1570	27	0.43	<5	9	861	<10
M65223		20	3.30	30	1.00	702	<1	3.67	106	990	43	0.09	<5	5	764	<10
M65224		20	1.98	80	1.71	1130	<1	4.07	112	1450	34	0.20	<5	8	1035	<10

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: 7-MAY-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11063836

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
M65185		0.12	<10	10	154	<10	55
M65186		0.12	<10	10	143	10	60
M65187		0.16	<10	<10	123	20	47
M65188		0.20	<10	<10	95	<10	46
M65189		0.16	<10	<10	175	10	55
M65190		0.16	<10	<10	205	10	79
M65191		0.14	<10	<10	119	<10	51
M65192		0.18	<10	<10	122	<10	46
M65193		0.14	<10	<10	106	<10	69
M65194		0.16	<10	<10	157	10	81
M65195		0.19	<10	<10	115	30	76
M65196		0.19	<10	<10	112	20	67
M65197		0.20	<10	<10	106	10	89
M65198		0.22	<10	<10	39	20	72
M65199		0.15	<10	10	51	10	103
M65200		0.15	<10	<10	88	30	71
M65201		0.60	<10	10	75	<10	54
M65202		0.22	<10	<10	129	30	82
M65203		0.21	10	<10	108	20	61
M65204		0.22	<10	<10	123	10	60
M65205		0.22	<10	<10	109	10	62
M65206		0.26	<10	<10	83	30	65
M65207		0.26	<10	<10	128	<10	56
M65208		0.28	<10	<10	133	<10	47
M65209		0.26	<10	<10	130	<10	55
M65210		0.24	<10	<10	130	10	51
M65211		0.24	<10	<10	119	<10	63
M65212		0.16	<10	<10	141	<10	75
M65213		0.15	<10	<10	63	10	71
M65214		0.12	<10	<10	44	20	74
M65215		0.17	<10	<10	112	20	105
M65216		0.21	<10	<10	134	10	64
M65217		0.16	<10	<10	289	10	149
M65218		0.16	<10	<10	526	20	121
M65219		0.16	<10	<10	385	20	83
M65220		0.22	<10	<10	144	10	73
M65221		0.15	<10	<10	100	<10	373
M65222		0.20	<10	<10	104	10	61
M65223		0.22	<10	10	66	<10	42
M65224		0.20	<10	10	97	10	53

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: 7-MAY-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11063836

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
M65225		4.33	0.02		<0.5	5.44	383	470	2.6	<2	5.74	<0.5	98	2250	38	5.35

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: 7-MAY-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11063836

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
M65225		10	1.52	10	2.22	1290	12	2.01	1140	170	11	1.17	<5	29	596	<10

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: 7-MAY-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11063836

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
M65225		0.15	<10	10	172	10	209