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: 10-JAN-2011
Account: NORTEX

CERTIFICATE TM10193476

Project: 1916

P.O. No.: 10-113

This report is for 146 Drill Core samples submitted to our lab in Timmins, ON, Canada on 20-DEC-2010.

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: 10-JAN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10193476

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
M64212		4.26	0.06	90.6	<0.5	6.79	26	240	1.4	<2	5.95	<0.5	41	171	144	6.43
M64213		3.81	0.01		<0.5	6.39	12	290	1.8	<2	6.90	<0.5	34	412	60	5.59
M64214		4.17	0.03		<0.5	7.05	11	320	1.7	<2	5.16	<0.5	47	192	153	6.66
M64215		3.53	0.02		0.6	6.62	11	520	1.5	<2	5.96	3.0	38	298	158	6.32
M64216		4.23	<0.01		<0.5	6.51	5	490	2.2	<2	6.85	<0.5	29	244	70	5.80
M64217		3.86	0.02		<0.5	7.06	<5	440	3.0	<2	5.96	<0.5	25	125	101	5.46
M64218		4.34	<0.01		<0.5	7.78	<5	880	4.3	<2	4.81	<0.5	21	36	85	5.15
M64219		3.94	0.01		<0.5	7.57	<5	750	4.6	<2	6.21	1.9	19	26	112	5.00
M64220		4.08	0.07		<0.5	7.73	8	860	4.5	<2	4.53	3.2	22	30	99	5.21
M64221		<0.02	0.07		<0.5	8.05	13	900	4.7	<2	4.70	2.9	20	29	98	5.41
M64222		3.65	0.03		<0.5	7.92	11	1110	4.8	<2	5.19	0.6	16	29	80	5.24
M64223		3.06	0.07		<0.5	7.80	8	940	4.4	<2	4.67	0.5	15	29	84	5.20
M64224		2.65	0.02		<0.5	8.11	9	950	4.0	<2	4.99	<0.5	17	50	86	5.37
M64225		4.24	<0.01		<0.5	6.61	10	1000	4.5	<2	6.75	<0.5	28	225	73	5.99
M64226		3.77	<0.01		<0.5	7.83	5	790	4.5	<2	5.33	<0.5	26	108	83	6.18
M64227		4.48	<0.01		<0.5	7.76	8	890	4.4	<2	4.95	<0.5	23	76	58	6.04
M64228		4.12	<0.01		<0.5	7.69	7	790	4.5	<2	4.95	<0.5	17	58	74	5.60
M64229		3.79	<0.01		<0.5	7.93	10	800	3.4	<2	5.06	<0.5	16	27	62	5.18
M64230		3.72	<0.01		<0.5	7.94	11	840	3.7	<2	4.61	<0.5	18	29	73	5.20
M64231		3.31	<0.01		<0.5	8.19	<5	890	4.0	<2	4.06	<0.5	17	36	75	5.42
M64232		3.37	<0.01		<0.5	7.91	9	890	3.9	<2	4.86	<0.5	16	42	105	5.31
M64233		3.23	<0.01		<0.5	5.84	10	320	3.1	<2	6.40	<0.5	47	823	67	7.37
M64234		2.87	<0.01		<0.5	6.26	9	450	3.0	<2	6.83	<0.5	41	429	80	6.51
M64235		3.45	0.06		<0.5	7.80	14	510	2.0	<2	5.25	<0.5	34	56	76	6.25
M64236		4.47	<0.01		<0.5	7.30	9	1340	1.3	<2	4.15	<0.5	41	22	176	10.65
M64237		2.68	0.05		<0.5	8.01	5	360	1.2	3	4.66	<0.5	50	96	63	7.32
M64238		4.01	0.01		<0.5	7.22	8	170	1.9	<2	6.91	<0.5	35	105	113	6.18
M64239		4.02	0.07		<0.5	5.13	<5	120	1.7	<2	6.02	<0.5	51	764	81	6.33
M64240		3.43	<0.01		<0.5	3.34	<5	10	1.3	<2	7.05	<0.5	73	1650	65	6.98
M64241		0.11	1.37		<0.5	8.84	25	160	3.5	2	2.75	<0.5	19	75	33	6.15
M64242		3.85	<0.01		<0.5	7.17	5	310	3.0	<2	4.98	<0.5	22	106	81	5.46
M64243		3.70	<0.01		<0.5	7.26	9	580	3.5	<2	5.48	<0.5	23	123	82	5.57
M64244		3.03	<0.01		<0.5	7.53	8	980	3.5	<2	5.09	<0.5	23	113	75	5.83
M64245		2.59	<0.01		<0.5	7.59	8	1290	2.8	<2	4.44	<0.5	25	98	64	6.23
M64246		2.95	<0.01		<0.5	7.88	8	660	0.7	<2	5.32	<0.5	42	59	160	9.47
M64247		3.90	0.19		2.0	7.19	92	700	3.2	3	3.30	<0.5	15	73	513	3.69
M64248		3.88	0.05		<0.5	6.99	38	880	4.0	3	2.89	1.3	14	70	28	3.66
M64249		3.56	0.06		<0.5	7.38	15	1040	3.8	5	0.90	0.9	15	76	23	5.03
M64250		3.06	0.07		<0.5	7.03	14	790	4.2	3	1.04	<0.5	17	72	15	5.23
M63751		4.29	0.02		<0.5	7.55	8	1790	1.7	<2	9.09	<0.5	26	183	479	7.55

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: 10-JAN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10193476

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
M64212		10	1.01	20	3.08	1135	1	2.73	69	1560	8	0.76	8	29	248	10
M64213		10	1.24	20	4.02	1150	<1	2.12	156	1310	8	0.27	8	22	267	10
M64214		10	1.08	10	3.35	1335	1	3.03	106	960	12	0.64	<5	36	416	10
M64215		10	1.73	20	4.12	1290	2	2.04	156	1540	61	0.48	<5	27	313	<10
M64216		10	1.65	30	3.88	1270	<1	2.33	132	2200	9	0.22	<5	19	316	<10
M64217		20	1.50	40	2.94	1005	<1	3.26	44	2370	11	0.37	<5	16	334	<10
M64218		20	2.14	40	2.21	905	<1	3.81	15	2440	13	0.16	6	14	622	<10
M64219		20	1.96	40	1.89	978	<1	3.76	11	2130	64	0.68	5	13	902	<10
M64220		20	2.65	40	2.11	851	<1	3.51	13	2420	16	0.49	5	13	716	<10
M64221		20	2.72	50	2.16	881	<1	3.60	10	2520	15	0.51	<5	13	731	<10
M64222		20	3.14	50	2.19	897	<1	3.25	11	2420	12	0.12	<5	13	789	<10
M64223		20	2.96	50	2.14	851	<1	3.34	12	2370	18	0.25	<5	13	631	<10
M64224		20	2.73	60	2.35	894	<1	3.61	20	2750	10	0.44	<5	14	686	<10
M64225		20	2.94	110	4.81	1330	<1	2.14	128	5090	27	0.21	<5	17	806	<10
M64226		20	2.78	40	3.06	1125	<1	3.57	52	2610	6	0.13	<5	18	820	<10
M64227		20	2.69	50	2.80	1055	<1	3.41	31	2740	10	0.21	<5	17	919	<10
M64228		20	2.94	50	2.52	980	<1	3.22	22	2530	7	0.07	<5	15	813	<10
M64229		20	2.70	50	2.00	798	<1	3.47	8	2460	12	0.24	<5	13	715	<10
M64230		20	2.85	50	2.07	763	<1	3.45	11	2440	17	0.24	<5	13	625	<10
M64231		20	2.78	50	2.10	754	<1	3.65	12	2570	16	0.24	<5	14	746	<10
M64232		20	2.44	50	2.31	860	<1	3.63	13	2510	10	0.08	<5	14	785	<10
M64233		20	1.13	20	7.84	1815	<1	1.64	462	1630	<2	0.15	<5	23	360	<10
M64234		20	1.11	30	6.68	1630	<1	2.30	274	2220	<2	0.29	<5	21	425	<10
M64235		20	1.67	30	2.68	1015	<1	3.75	42	1690	8	1.03	<5	26	491	<10
M64236		10	3.70	20	3.15	1825	<1	1.83	36	780	2	0.13	<5	42	460	<10
M64237		20	1.16	10	3.73	1360	1	3.57	87	930	<2	0.20	<5	42	423	<10
M64238		20	0.91	30	3.35	997	<1	3.64	54	1670	<2	0.08	<5	29	337	<10
M64239		10	0.51	30	8.95	994	<1	1.56	666	1590	<2	0.05	<5	18	225	<10
M64240		<10	0.06	10	13.35	1230	<1	0.08	1160	270	<2	0.05	<5	20	75	<10
M64241		20	3.51	20	1.99	532	1	3.59	77	1230	80	3.09	<5	6	373	<10
M64242		20	1.07	40	3.27	824	<1	3.68	34	2450	6	0.08	<5	17	443	<10
M64243		20	1.78	40	3.07	924	<1	3.70	32	2490	6	0.10	<5	18	557	<10
M64244		20	2.70	40	3.34	1030	<1	3.26	38	2440	7	0.07	<5	18	742	<10
M64245		20	3.80	40	3.40	1075	<1	2.53	31	2310	5	0.05	<5	19	745	<10
M64246		20	1.99	20	3.71	1565	<1	2.11	62	630	4	0.14	<5	37	597	<10
M64247		20	0.94	60	1.80	776	8	4.47	40	1480	152	1.28	<5	8	369	<10
M64248		20	1.84	80	1.84	690	11	3.87	24	1340	121	1.28	<5	8	315	<10
M64249		20	2.16	150	2.77	543	12	3.18	27	1550	122	1.81	<5	9	236	<10
M64250		20	1.97	50	3.33	607	15	2.65	36	1350	60	1.28	<5	9	183	<10
M63751		20	2.57	10	3.79	1580	<1	0.70	121	280	21	0.58	<5	29	1850	<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: 10-JAN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10193476

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
M64212		0.58	<10	<10	201	<10	146
M64213		0.47	<10	<10	160	<10	182
M64214		0.56	<10	10	244	10	179
M64215		0.54	<10	<10	188	<10	477
M64216		0.56	<10	<10	160	<10	172
M64217		0.57	<10	10	150	<10	144
M64218		0.57	<10	<10	144	<10	136
M64219		0.51	<10	10	152	<10	312
M64220		0.56	<10	<10	142	<10	492
M64221		0.57	<10	<10	144	<10	422
M64222		0.55	<10	<10	141	<10	177
M64223		0.55	<10	<10	141	<10	173
M64224		0.59	<10	<10	147	<10	180
M64225		0.64	<10	<10	154	<10	206
M64226		0.62	<10	<10	175	<10	142
M64227		0.63	<10	<10	171	<10	137
M64228		0.58	<10	<10	153	<10	121
M64229		0.56	<10	<10	139	<10	119
M64230		0.57	<10	<10	145	<10	114
M64231		0.59	<10	<10	149	<10	104
M64232		0.58	<10	<10	147	<10	121
M64233		0.52	<10	<10	181	<10	336
M64234		0.61	<10	<10	171	<10	241
M64235		0.57	<10	<10	204	<10	114
M64236		0.86	<10	<10	366	<10	134
M64237		0.62	<10	<10	283	<10	135
M64238		0.61	<10	<10	217	<10	100
M64239		0.46	<10	<10	147	<10	127
M64240		0.22	<10	<10	126	<10	131
M64241		0.62	<10	<10	75	<10	62
M64242		0.59	<10	<10	158	<10	102
M64243		0.60	<10	<10	160	<10	104
M64244		0.60	<10	<10	163	<10	119
M64245		0.61	<10	<10	170	<10	124
M64246		0.76	<10	<10	325	<10	130
M64247		0.23	<10	10	72	<10	140
M64248		0.21	<10	10	82	<10	277
M64249		0.22	<10	<10	93	<10	214
M64250		0.23	<10	10	91	<10	183
M63751		0.35	<10	<10	189	<10	172

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: 10-JAN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10193476

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
M63752		2.09	2.85		0.6	6.14	5	1460	0.7	<2	12.50	<0.5	18	57	147	3.64
M63753		2.12	6.15		2.5	6.80	7	1980	0.7	3	7.73	<0.5	13	28	65	3.09
M63754		3.24	0.72		<0.5	7.00	<5	990	2.0	<2	6.54	<0.5	21	21	46	7.67
M63755		2.95	2.91		0.9	7.77	<5	830	1.6	<2	5.55	<0.5	22	21	146	6.75
M63756		3.60	19.80		10.4	7.39	13	1850	0.9	6	7.85	<0.5	17	19	111	2.99
M63757		3.41	6.57		3.0	6.33	11	2150	0.7	<2	6.14	<0.5	11	23	46	2.06
M63758		2.32	2.64		2.0	7.49	9	2260	1.1	<2	3.96	<0.5	13	115	61	2.84
M63759		1.48	4.76		2.5	7.14	12	2810	0.8	<2	3.33	0.6	7	23	43	1.69
M63760		3.19	0.81		0.8	7.40	15	2350	2.6	2	5.06	<0.5	15	94	205	3.43
M63761		0.49	<0.01		<0.5	2.79	5	90	0.6	2	40.5	<0.5	7	35	93	1.53
M63762		3.25	1.14		0.7	7.25	45	1330	3.0	4	4.79	<0.5	32	238	332	4.83
M63763		3.75	2.27		0.9	7.04	9	2050	1.9	2	2.27	<0.5	9	32	95	2.44
M63764		3.38	3.34		1.7	6.81	11	2100	1.9	<2	2.06	0.6	8	20	65	2.29
M63765		3.66	2.40		1.2	6.92	11	2210	2.1	2	2.83	0.9	6	19	48	2.19
M63766		3.32	2.64		1.6	7.69	16	2480	2.9	2	3.26	<0.5	11	84	60	3.12
M63767		3.92	0.74		0.6	7.60	9	2430	3.8	<2	3.46	<0.5	16	131	166	3.74
M63768		3.33	0.03		<0.5	7.58	<5	2500	3.1	<2	1.78	<0.5	6	23	22	2.39
M63769		3.29	0.05		<0.5	7.68	5	2650	3.0	3	2.23	<0.5	7	22	23	2.11
M63770		2.62	0.08		<0.5	7.35	9	2500	5.0	<2	4.50	0.5	17	127	39	4.16
M63771		2.57	0.01		<0.5	7.62	18	2430	3.9	<2	5.31	<0.5	20	153	52	4.81
M63772		3.93	0.03		<0.5	7.12	32	760	0.8	<2	5.32	<0.5	39	33	167	9.56
M63773		3.94	<0.01		<0.5	6.96	15	450	0.7	<2	5.40	<0.5	40	55	165	9.69
M63774		3.47	0.02		<0.5	6.88	43	700	0.9	<2	5.17	<0.5	39	32	170	9.87
M63775		3.82	0.34		0.8	6.05	10	1130	2.0	<2	8.24	<0.5	18	229	342	5.07
M63776		3.06	0.16		0.7	5.29	9	420	1.2	2	11.75	<0.5	32	528	898	7.34
M63777		3.98	0.21		0.9	6.41	8	1280	4.4	2	5.95	<0.5	45	555	844	7.39
M63778		4.03	0.63		2.0	6.27	7	600	4.6	4	4.49	<0.5	42	353	1155	7.89
M63779		3.66	0.40		<0.5	6.70	6	500	4.1	<2	4.46	<0.5	48	436	841	8.59
M63780		2.15	0.37		0.7	6.67	11	560	4.6	3	4.61	<0.5	43	361	1220	7.60
M63781		0.11	5.93		<0.5	6.68	25	180	2.2	3	1.59	<0.5	14	50	26	5.17
M63782		3.13	0.01		<0.5	6.98	8	2510	4.5	2	4.55	<0.5	19	224	44	3.08
M63783		3.51	0.13		0.6	7.40	20	1890	5.2	<2	5.38	<0.5	35	283	389	5.93
M63784		3.67	0.21		<0.5	7.21	16	1260	6.5	<2	5.57	<0.5	38	369	309	6.70
M63785		3.96	0.62		0.8	7.17	23	1320	5.5	<2	4.59	<0.5	52	376	742	7.60
M63786		3.66	0.72		0.5	6.80	20	1000	5.9	<2	5.01	<0.5	45	325	397	6.92
M63787		3.79	0.49		0.7	7.16	16	1190	5.0	<2	4.94	<0.5	47	408	512	8.29
M63788		2.49	0.45		0.6	6.39	16	1010	5.3	<2	4.69	<0.5	36	320	407	5.79
M63789		4.36	0.03		<0.5	5.09	15	600	5.3	<2	3.98	<0.5	10	29	58	2.14
M63790		3.75	0.14		<0.5	7.69	14	1490	4.8	<2	3.49	<0.5	44	382	418	7.17
M63791		3.71	0.58		1.1	6.85	17	1330	5.0	<2	5.51	<0.5	43	450	434	7.22

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: 10-JAN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10193476

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
M63752		10	3.41	330	0.56	822	1	1.80	30	1990	32	2.23	<5	14	1320	<10
M63753		20	3.71	230	0.59	630	20	1.17	23	1540	28	1.89	<5	9	492	<10
M63754		30	2.78	10	2.85	1440	15	1.26	41	940	47	0.04	<5	40	136	<10
M63755		30	4.30	30	2.60	1230	36	1.23	45	1000	129	0.20	<5	40	125	<10
M63756		20	4.50	120	0.65	675	79	1.01	22	1040	241	1.65	<5	9	393	10
M63757		20	3.80	50	0.31	456	15	0.93	15	1040	89	1.46	<5	4	379	<10
M63758		20	4.17	50	0.76	523	18	1.54	27	1050	89	1.25	<5	7	470	<10
M63759		20	4.12	30	0.28	296	59	1.36	10	1010	235	1.04	<5	4	539	<10
M63760		20	4.44	70	1.96	784	9	2.70	30	1290	182	1.43	<5	10	948	<10
M63761		10	0.76	190	1.31	314	4	0.18	51	1000	6	1.6	6	4	2070	<10
M63762		20	3.09	50	2.14	953	44	3.40	122	1130	80	2.20	<5	16	939	<10
M63763		20	3.99	50	0.78	385	1	2.43	15	810	44	1.49	<5	4	476	<10
M63764		20	3.79	40	0.68	506	17	1.61	9	690	38	1.32	<5	3	414	<10
M63765		20	4.15	50	1.13	516	16	1.82	12	780	90	0.84	<5	4	539	<10
M63766		20	4.10	50	1.23	640	<1	2.16	32	1130	49	1.00	<5	7	787	<10
M63767		20	4.05	60	1.67	794	<1	2.39	52	1310	43	0.40	<5	10	1040	<10
M63768		20	4.05	70	0.76	405	<1	2.45	7	1020	30	0.11	<5	4	924	<10
M63769		20	4.15	70	0.82	465	<1	2.25	9	970	31	0.15	<5	4	890	<10
M63770		20	3.82	100	2.41	986	1	1.22	49	1880	41	0.35	<5	11	1120	<10
M63771		20	4.30	90	2.66	1065	<1	1.82	57	2250	35	0.14	<5	13	1180	<10
M63772		20	1.66	20	2.67	1725	<1	1.61	35	720	4	0.28	6	36	590	<10
M63773		20	1.83	20	2.76	1600	<1	1.47	40	690	2	0.16	<5	37	484	<10
M63774		20	1.63	20	2.68	1800	<1	1.56	35	750	12	0.23	<5	36	468	<10
M63775		10	4.23	100	2.18	1170	6	0.99	96	1080	342	0.09	<5	14	554	<10
M63776		20	2.39	120	3.01	1680	3	0.67	277	1240	31	0.13	<5	24	285	<10
M63777		20	4.38	70	5.09	1645	6	0.87	236	1200	66	0.20	<5	26	696	10
M63778		20	3.02	70	5.05	1560	7	2.05	137	1320	284	0.20	<5	29	374	<10
M63779		20	3.17	70	5.33	1595	5	2.44	157	1530	14	0.12	<5	32	484	<10
M63780		20	2.80	70	4.91	1535	4	2.77	143	1550	10	0.20	<5	31	434	<10
M63781		20	2.18	10	1.23	367	<1	3.69	46	1120	69	3.43	<5	4	246	<10
M63782		10	3.91	80	2.69	955	2	2.25	93	1820	70	0.06	<5	9	683	<10
M63783		20	4.43	100	4.27	1430	4	1.11	133	2060	61	0.10	<5	21	1135	<10
M63784		20	3.97	90	4.53	1660	4	1.87	154	1870	27	0.08	<5	26	960	<10
M63785		20	3.85	90	4.26	1430	9	0.50	163	1630	32	0.32	6	27	925	<10
M63786		20	4.03	70	4.29	1540	8	1.48	157	1430	26	0.10	<5	25	780	<10
M63787		20	4.31	70	4.53	1620	3	1.41	180	1330	23	0.09	<5	29	967	<10
M63788		10	4.04	60	4.13	1255	3	0.25	146	1330	24	0.09	<5	23	958	<10
M63789		10	2.14	40	1.96	715	8	1.94	30	420	95	0.13	<5	4	576	<10
M63790		20	4.17	60	3.98	1325	5	1.65	165	1740	21	0.28	<5	30	1055	<10
M63791		20	4.17	70	4.70	1765	5	1.23	218	1320	49	0.17	<5	27	1145	<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: 10-JAN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10193476

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
M63752		0.26	<10	<10	121	20	26
M63753		0.27	<10	<10	85	30	31
M63754		1.00	<10	<10	384	10	168
M63755		1.06	<10	<10	380	20	140
M63756		0.25	<10	<10	83	20	39
M63757		0.18	<10	<10	44	10	25
M63758		0.24	10	<10	56	90	45
M63759		0.17	<10	<10	34	10	36
M63760		0.22	<10	<10	83	30	71
M63761		0.15	<10	30	96	<10	371
M63762		0.32	<10	10	145	40	101
M63763		0.17	<10	<10	37	40	32
M63764		0.14	<10	<10	24	90	36
M63765		0.15	<10	<10	38	20	72
M63766		0.25	<10	<10	100	20	70
M63767		0.28	<10	<10	108	10	97
M63768		0.19	<10	<10	64	10	42
M63769		0.19	<10	<10	64	<10	40
M63770		0.27	<10	<10	102	20	120
M63771		0.32	<10	<10	115	10	130
M63772		0.83	10	<10	327	<10	125
M63773		0.83	<10	<10	325	<10	119
M63774		0.86	<10	<10	332	<10	135
M63775		0.32	<10	<10	130	10	127
M63776		0.45	<10	<10	186	10	178
M63777		0.51	<10	<10	207	10	239
M63778		0.58	<10	<10	228	10	245
M63779		0.66	<10	<10	248	10	273
M63780		0.59	<10	<10	217	10	230
M63781		0.39	10	10	49	<10	48
M63782		0.23	<10	<10	80	<10	105
M63783		0.45	<10	<10	174	20	189
M63784		0.51	<10	<10	192	20	206
M63785		0.57	<10	<10	226	20	219
M63786		0.55	<10	<10	205	10	215
M63787		0.58	<10	<10	216	20	244
M63788		0.48	<10	<10	187	10	173
M63789		0.12	<10	<10	77	10	57
M63790		0.63	<10	<10	228	20	225
M63791		0.53	<10	<10	204	10	223

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: 10-JAN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10193476

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
M63792		3.57	0.09		1.4	6.83	16	330	4.1	<2	6.34	<0.5	49	351	909	7.40
M63793		3.85	0.05		1.0	6.73	16	1300	3.4	<2	5.07	<0.5	36	307	500	6.73
M63794		3.96	0.03		0.6	6.37	11	320	3.6	<2	6.04	<0.5	39	431	432	6.81
M63795		3.51	0.16		0.6	7.14	15	1280	4.7	2	6.02	<0.5	48	476	488	7.61
M63796		2.79	0.19		<0.5	7.51	21	2470	6.9	<2	4.10	<0.5	21	102	69	4.53
M63797		3.39	0.02		0.5	7.85	17	2660	4.6	<2	3.24	<0.5	14	49	49	4.20
M63798		3.17	0.01		<0.5	7.70	13	2320	3.7	<2	3.39	<0.5	14	45	30	4.05
M63799		3.46	<0.01		<0.5	7.44	17	2390	3.5	<2	2.77	<0.5	13	71	40	4.01
M63800		3.20	<0.01		<0.5	7.63	8	2160	3.0	<2	4.05	<0.5	13	67	43	4.14
M63801		<0.02	<0.01		<0.5	7.61	9	2140	3.0	<2	4.18	<0.5	13	57	47	4.19
M63802		3.44	0.01		<0.5	7.34	16	1700	4.5	<2	4.68	<0.5	23	196	310	6.64
M63803		2.90	<0.01		<0.5	7.82	18	2640	2.9	<2	3.20	<0.5	16	70	72	4.37
M63804		2.19	0.01		<0.5	7.67	15	2600	3.3	<2	3.58	<0.5	16	61	109	3.99
M63805		4.04	0.19		1.3	6.10	14	830	4.4	4	6.53	<0.5	28	167	231	5.12
M63806		3.11	0.26		0.6	6.97	21	840	2.3	<2	2.96	<0.5	17	147	458	2.74
M63807		3.31	0.04		0.6	7.18	6	990	2.2	<2	2.35	<0.5	11	109	64	2.18
M63808		3.61	0.08		<0.5	7.64	15	1140	3.8	<2	1.71	<0.5	18	155	110	2.60
M63809		2.21	0.09		<0.5	6.27	12	990	3.9	2	1.83	<0.5	18	140	193	2.74
M63810		3.94	0.15		<0.5	7.44	14	1140	2.7	<2	2.40	<0.5	25	153	288	3.23
M63811		3.30	0.09		<0.5	6.89	16	830	1.7	<2	2.24	<0.5	19	118	304	2.37
M63812		3.57	0.06		<0.5	6.92	13	800	2.1	<2	1.93	<0.5	16	103	146	2.29
M63813		2.41	0.17		<0.5	6.98	5	1400	3.1	<2	2.82	<0.5	16	73	389	3.14
M63814		2.20	0.03		<0.5	7.81	8	2220	3.3	<2	3.38	<0.5	14	102	99	4.23
M63815		3.08	0.04		<0.5	6.78	20	1480	4.3	<2	5.86	<0.5	40	334	67	6.99
M63816		2.25	0.24		<0.5	6.90	22	910	2.4	<2	2.79	<0.5	16	78	96	2.60
M63817		1.97	0.28		<0.5	7.04	9	1110	2.5	<2	2.77	<0.5	14	71	158	2.49
M63818		3.77	0.10		1.1	6.92	15	740	2.8	<2	4.80	<0.5	39	432	140	5.87
M63819		3.72	0.08		1.2	7.09	5	770	3.6	<2	5.52	<0.5	49	511	235	7.26
M63820		3.92	0.08		0.5	7.08	6	960	3.2	<2	5.07	<0.5	40	426	209	7.01
M63821		0.11	1.32		0.8	8.12	24	180	3.3	<2	2.63	<0.5	23	71	33	5.99
M63822		3.70	0.24		1.1	6.81	8	1030	3.6	<2	5.88	<0.5	37	438	153	7.06
M63823		3.71	0.23		0.7	6.45	<5	760	4.1	3	6.67	<0.5	34	361	151	6.53
M63824		3.71	0.27		0.7	7.19	7	1070	4.6	<2	6.29	<0.5	38	396	98	6.90
M63825		2.43	1.72		1.0	7.07	7	500	3.9	2	4.59	<0.5	42	331	74	6.21
M63826		3.09	0.43		1.1	7.47	7	570	5.7	2	4.25	<0.5	57	464	173	6.74
M63827		3.11	1.63		2.0	6.75	<5	510	5.9	<2	2.16	<0.5	31	315	96	4.95
M63828		3.91	0.40		0.8	6.99	8	750	6.4	3	2.71	<0.5	30	322	95	5.30
M63829		3.21	0.24		1.0	7.31	6	1240	5.2	<2	4.92	<0.5	27	413	67	6.19
M63830		4.24	0.36		0.7	6.77	7	900	4.8	<2	5.61	<0.5	30	372	35	6.53
M63831		3.47	0.15	88.8	0.6	6.83	7	850	4.8	<2	2.75	<0.5	33	385	150	5.55

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: 10-JAN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10193476

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
M63792		20	2.03	60	4.76	1760	9	2.92	175	1420	59	0.34	<5	25	1910	<10
M63793		20	3.26	60	3.84	1425	8	2.38	159	1190	50	0.11	<5	22	1100	<10
M63794		10	1.87	70	4.95	1675	3	2.84	206	1210	36	0.09	<5	23	687	<10
M63795		10	3.84	70	5.27	1705	6	1.73	246	1270	24	0.06	<5	29	871	<10
M63796		20	4.15	70	2.90	1145	<1	0.60	58	1730	26	0.03	<5	13	1245	<10
M63797		20	3.69	60	1.69	984	1	2.24	23	2210	70	0.10	<5	12	1390	<10
M63798		20	3.64	60	1.68	930	2	2.24	21	2170	39	0.08	<5	11	1170	<10
M63799		20	3.87	60	1.66	847	4	1.72	21	1920	27	0.07	<5	12	888	<10
M63800		20	4.07	70	1.74	1045	2	2.59	24	2240	45	0.09	<5	12	925	<10
M63801		20	4.29	70	1.74	1060	2	2.58	24	2310	47	0.10	<5	12	932	<10
M63802		20	4.13	90	2.95	1345	3	2.72	88	2170	36	0.11	<5	16	1100	<10
M63803		20	3.67	70	1.94	996	<1	2.25	31	2140	37	0.03	<5	12	1015	<10
M63804		20	3.73	60	1.82	1010	1	2.17	27	1930	49	0.10	<5	12	1285	<10
M63805		10	2.68	130	3.64	1585	75	1.91	74	1170	38	0.62	<5	17	816	<10
M63806		10	3.52	60	1.73	836	72	2.78	57	770	26	0.54	<5	12	576	<10
M63807		10	4.01	40	1.34	658	8	2.97	50	810	17	0.05	<5	11	561	<10
M63808		20	4.13	50	1.34	498	11	2.41	65	810	18	0.12	<5	12	506	<10
M63809		20	3.82	60	1.53	639	6	1.33	54	1190	16	0.07	<5	14	606	<10
M63810		20	3.98	50	1.53	666	13	2.80	63	810	17	0.35	<5	12	640	<10
M63811		10	3.76	40	1.22	570	15	3.23	57	570	18	0.16	<5	11	480	<10
M63812		20	3.49	40	1.19	517	24	3.05	51	570	22	0.18	<5	11	409	<10
M63813		20	4.08	50	1.55	709	28	2.40	41	1480	24	0.25	<5	11	634	<10
M63814		20	4.11	70	1.72	955	1	2.35	30	1930	49	0.17	<5	14	1180	<10
M63815		20	4.27	100	3.93	1695	1	1.48	112	3060	15	0.13	<5	33	1155	<10
M63816		10	3.41	40	1.54	749	9	3.07	52	770	19	0.18	<5	12	542	<10
M63817		20	2.93	40	1.60	709	16	3.34	45	650	29	0.27	<5	11	512	<10
M63818		20	2.72	60	4.67	1255	18	2.62	218	1450	49	0.55	<5	24	528	<10
M63819		20	3.05	70	5.41	1560	9	2.64	266	1410	53	0.17	6	31	1210	<10
M63820		20	3.26	70	5.13	1525	<1	2.52	224	1640	13	0.11	6	31	1410	<10
M63821		20	3.46	10	1.89	523	<1	3.60	77	1180	80	3.28	<5	6	352	<10
M63822		20	3.04	60	5.01	1615	7	2.50	212	1800	72	0.26	7	29	1280	<10
M63823		10	2.51	50	5.24	1920	5	2.51	213	1280	41	0.21	5	27	1280	<10
M63824		20	3.65	50	4.82	2350	6	1.55	195	1240	12	0.17	<5	30	689	<10
M63825		20	1.93	30	3.51	2000	3	2.79	178	740	11	0.45	<5	23	380	<10
M63826		10	2.91	20	3.50	1745	5	2.09	234	840	32	1.27	<5	29	356	<10
M63827		20	3.01	10	2.17	916	6	1.66	181	290	26	1.30	<5	18	189	<10
M63828		20	3.40	20	2.39	1220	5	1.54	176	400	26	0.83	<5	19	254	<10
M63829		20	2.65	30	3.79	2130	5	2.70	203	890	19	0.12	<5	28	658	<10
M63830		20	2.34	30	4.41	2360	1	2.44	181	890	67	0.08	6	25	735	<10
M63831		20	2.70	30	2.80	1405	3	2.24	208	480	38	0.31	<5	21	291	<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: 10-JAN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10193476

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
M63792		0.50	10	<10	211	<10	224
M63793		0.46	10	<10	182	10	167
M63794		0.44	<10	<10	191	<10	196
M63795		0.55	<10	<10	214	10	238
M63796		0.29	10	<10	128	20	105
M63797		0.31	<10	<10	123	10	82
M63798		0.27	10	<10	108	10	75
M63799		0.28	<10	<10	119	10	76
M63800		0.28	<10	<10	104	10	86
M63801		0.28	<10	<10	103	<10	88
M63802		0.34	<10	<10	155	<10	134
M63803		0.29	<10	<10	121	10	96
M63804		0.29	<10	<10	115	10	86
M63805		0.28	<10	10	140	10	144
M63806		0.24	10	20	103	20	74
M63807		0.22	<10	<10	67	<10	51
M63808		0.26	<10	<10	89	<10	62
M63809		0.23	<10	<10	92	10	78
M63810		0.26	<10	<10	95	10	67
M63811		0.21	10	<10	72	10	48
M63812		0.22	<10	<10	86	10	64
M63813		0.24	<10	<10	109	10	72
M63814		0.31	<10	<10	127	10	95
M63815		0.48	10	<10	218	30	216
M63816		0.22	<10	<10	84	10	72
M63817		0.23	<10	<10	87	10	74
M63818		0.42	<10	<10	172	30	208
M63819		0.51	<10	<10	219	10	230
M63820		0.56	<10	<10	226	10	200
M63821		0.60	<10	10	77	<10	62
M63822		0.52	<10	<10	220	10	197
M63823		0.49	<10	<10	196	20	215
M63824		0.53	<10	<10	218	20	229
M63825		0.39	<10	<10	177	20	180
M63826		0.44	10	<10	193	30	213
M63827		0.27	<10	<10	129	20	147
M63828		0.29	10	<10	139	30	167
M63829		0.43	<10	<10	187	50	222
M63830		0.42	<10	<10	197	50	263
M63831		0.32	10	<10	148	20	196

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: 10-JAN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10193476

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
M63832		2.94	0.21		0.9	7.94	5	1130	5.5	<2	5.19	<0.5	41	418	42	7.69
M63833		1.28	2.07		6.4	7.22	9	470	4.8	6	6.52	<0.5	17	72	96	4.24
M63834		3.85	0.30		0.8	7.44	7	1240	7.0	<2	2.54	<0.5	41	541	178	6.65
M63835		3.92	0.59		1.7	7.32	10	1120	5.1	<2	3.09	0.7	43	495	223	6.05
M63836		4.43	2.28		3.6	7.16	9	1170	3.6	<2	3.26	<0.5	42	504	125	5.72
M63837		3.86	0.18		0.9	6.74	<5	820	2.2	2	6.72	<0.5	44	341	36	6.38
M63838		3.51	0.06		0.7	6.43	9	1030	2.9	<2	7.13	<0.5	40	296	13	6.90
M63839		3.93	0.09		0.7	7.24	5	1080	2.1	<2	4.08	<0.5	34	303	167	5.85
M63840		3.56	1.73		2.4	7.18	5	830	2.2	<2	6.52	<0.5	34	229	148	6.46
M63841		0.52	0.01		<0.5	2.92	10	90	0.6	<2	39.9	<0.5	9	35	96	1.58
M63842		3.77	0.21		0.8	7.00	7	850	2.2	2	6.89	<0.5	41	247	93	6.97
M63843		3.65	0.09		0.5	7.01	7	940	2.1	<2	5.48	<0.5	31	285	59	5.74
M63844		3.98	0.18		0.6	7.62	6	1160	2.0	<2	3.78	<0.5	36	527	107	6.08
M63845		4.02	0.19		0.6	7.10	9	920	1.6	<2	3.44	<0.5	38	468	88	5.73
M63846		4.11	0.80		0.8	7.07	8	750	1.6	<2	2.93	<0.5	37	522	84	5.53
M63847		3.94	0.18		0.6	7.36	7	870	1.7	<2	2.55	<0.5	35	459	87	4.74
M63848		3.93	0.06		0.6	7.24	6	740	1.4	3	2.61	<0.5	25	449	78	4.39
M63849		3.70	0.50		0.5	6.98	7	870	1.5	<2	2.87	<0.5	32	499	89	5.33
M63850		3.61	0.38		0.5	7.18	7	750	1.3	2	2.36	<0.5	29	350	73	4.29
M63851		2.85	0.24		<0.5	7.52	8	960	2.3	<2	2.14	<0.5	43	554	142	6.97
M63852		3.34	0.19		0.5	7.21	5	630	1.7	<2	2.81	<0.5	38	444	146	5.97
M63853		3.84	0.52		0.6	7.04	9	640	2.3	2	2.48	<0.5	33	461	141	5.31
M63854		3.85	0.28		0.5	7.34	<5	530	2.3	3	3.13	<0.5	32	437	101	5.24
M63855		3.93	0.50		<0.5	7.81	11	830	4.0	<2	4.23	<0.5	30	395	92	7.38
M63856		3.31	0.34		<0.5	7.38	9	1070	4.1	<2	2.99	<0.5	27	526	93	5.85
M63857		3.16	0.32		<0.5	7.39	12	860	4.3	<2	2.18	<0.5	27	340	173	4.10

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: 10-JAN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10193476

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
M63832		20	3.97	40	4.79	2280	<1	1.40	225	1080	42	0.25	<5	31	627	<10
M63833		20	1.57	50	3.25	1710	<1	3.43	68	1270	295	0.36	5	12	840	<10
M63834		20	4.76	20	2.96	1260	1	0.38	236	410	43	1.51	<5	28	375	<10
M63835		20	4.74	20	2.72	1260	8	0.57	239	420	154	2.29	<5	27	467	<10
M63836		20	4.11	20	2.71	1325	3	1.25	256	370	57	1.53	<5	26	400	<10
M63837		10	1.44	50	4.34	2540	<1	3.11	155	2190	31	0.14	<5	26	730	<10
M63838		10	2.44	40	5.77	2570	<1	2.13	136	2600	25	0.11	<5	26	510	<10
M63839		10	2.43	30	3.93	1555	1	3.09	143	1090	17	0.20	<5	27	409	<10
M63840		10	1.68	30	4.38	2000	<1	3.19	97	1720	10	0.50	<5	31	445	<10
M63841		10	0.78	180	1.36	332	3	0.20	58	1010	3	1.8	9	4	2080	<10
M63842		10	1.46	30	3.88	1930	<1	3.06	97	1770	7	0.14	5	31	588	<10
M63843		10	2.34	20	3.50	1640	<1	2.87	137	1150	14	0.41	<5	28	576	<10
M63844		20	3.76	10	2.39	1050	<1	1.95	246	380	9	1.23	<5	27	417	<10
M63845		10	3.65	10	2.62	1110	<1	1.41	263	360	6	1.44	<5	26	378	<10
M63846		20	3.36	10	2.47	1135	<1	1.79	268	350	9	1.40	<5	23	348	<10
M63847		20	3.55	20	2.22	999	<1	2.01	248	490	10	0.90	<5	20	343	<10
M63848		10	2.68	10	1.96	988	<1	2.85	231	290	15	0.66	<5	19	376	<10
M63849		10	2.65	10	2.39	993	1	2.35	229	370	19	1.00	<5	22	367	<10
M63850		10	2.24	10	1.91	848	<1	3.14	195	380	23	0.63	<5	17	414	<10
M63851		10	4.19	10	2.83	1135	<1	1.49	308	430	10	1.35	<5	30	333	<10
M63852		10	2.79	20	2.92	960	<1	2.16	263	410	6	1.17	<5	23	286	<10
M63853		20	2.75	30	2.44	1060	<1	2.36	214	380	13	0.79	<5	21	427	<10
M63854		10	2.24	20	2.28	1260	<1	3.10	186	520	15	0.62	<5	20	557	<10
M63855		20	3.59	40	3.00	1840	1	1.85	166	1600	11	0.24	7	25	954	<10
M63856		20	4.10	20	2.38	1450	1	1.61	202	980	10	0.51	<5	22	620	<10
M63857		20	3.01	20	1.51	923	2	2.28	158	550	14	0.62	<5	16	503	<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: 10-JAN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10193476

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
M63832		0.51	10	<10	206	40	302
M63833		0.23	<10	<10	114	20	173
M63834		0.41	10	<10	192	30	280
M63835		0.36	<10	<10	180	30	264
M63836		0.36	<10	<10	181	20	235
M63837		0.47	<10	<10	187	10	297
M63838		0.52	<10	<10	200	<10	378
M63839		0.41	10	<10	186	<10	297
M63840		0.43	<10	10	214	10	286
M63841		0.15	<10	20	99	<10	388
M63842		0.47	<10	<10	217	10	204
M63843		0.40	<10	<10	190	10	193
M63844		0.39	<10	<10	181	10	121
M63845		0.37	<10	<10	173	20	153
M63846		0.35	<10	<10	157	20	159
M63847		0.33	10	<10	143	20	149
M63848		0.27	<10	10	123	20	118
M63849		0.33	<10	<10	152	20	163
M63850		0.28	<10	10	116	10	98
M63851		0.43	10	<10	201	20	188
M63852		0.37	10	<10	159	10	184
M63853		0.32	10	<10	147	10	179
M63854		0.34	<10	10	142	20	191
M63855		0.52	<10	<10	196	30	220
M63856		0.41	<10	10	167	30	199
M63857		0.27	<10	10	119	20	131