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: 26-MAR-2011
Account: NORTEX

CERTIFICATE TM11035328

Project: 1916

P.O. No.: 10-116

This report is for 96 Drill Core samples submitted to our lab in Timmins, ON, Canada on 3-MAR-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: 26-MAR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11035328

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
M63392		4.01	0.01	85.4	0.8	7.20	9	680	1.1	<2	4.00	<0.5	33	581	53	6.46
M63393		5.68	0.01		0.5	7.15	11	840	1.2	<2	3.97	<0.5	41	500	123	6.43
M63394		2.88	0.01		1.0	5.89	6	390	2.0	<2	9.00	0.6	46	371	61	5.82
M63395		5.17	0.01		1.4	6.54	9	330	1.6	<2	8.14	3.3	57	382	100	5.55
M63396		2.96	<0.01		<0.5	7.25	9	870	1.0	<2	2.87	<0.5	35	473	67	6.21
M63397		4.38	<0.01		0.6	6.86	11	670	2.0	<2	4.00	<0.5	31	564	46	6.73
M63398		3.27	<0.01		<0.5	7.72	<5	1210	1.2	<2	3.43	1.2	37	490	108	7.37
M63399		4.08	0.03		<0.5	6.56	12	870	2.0	<2	6.76	1.3	30	533	24	6.72
M63400		4.02	0.01		<0.5	7.17	16	390	1.5	<2	3.76	<0.5	41	48	566	10.35
M63401		0.53	<0.01		2.4	2.86	8	80	0.7	<2	43.6	<0.5	9	37	97	1.60
M63402		4.32	0.02		0.5	7.84	12	1040	1.4	<2	5.05	<0.5	51	15	187	10.75
M63403		3.67	0.09		<0.5	7.30	7	800	1.4	<2	3.60	<0.5	39	35	93	13.50
M63404		2.51	<0.01		<0.5	6.45	<5	320	0.8	<2	5.74	<0.5	39	301	135	9.45
M63405		4.43	<0.01		0.5	7.44	10	920	0.9	<2	5.67	<0.5	44	65	74	10.25
M63406		4.78	<0.01		<0.5	7.07	19	380	1.3	<2	4.79	<0.5	42	58	177	9.75
M63407		3.28	<0.01		<0.5	6.75	19	750	1.1	<2	2.89	0.8	28	200	33	4.98
M63408		3.93	0.01		<0.5	6.83	21	830	1.1	<2	2.63	<0.5	28	257	54	5.30
M63409		4.41	<0.01		<0.5	7.27	13	750	1.2	<2	1.09	<0.5	27	291	64	5.44
M63410		3.83	<0.01		<0.5	6.92	5	470	1.2	<2	4.39	<0.5	20	251	18	4.67
M63411		3.72	<0.01		<0.5	7.11	16	550	1.6	<2	2.05	<0.5	30	232	62	5.04
M63412		4.48	0.01		<0.5	7.02	18	460	1.5	<2	1.86	<0.5	26	165	54	4.47
M63413		3.84	<0.01		<0.5	6.51	10	350	1.2	<2	2.11	<0.5	23	189	74	4.53
M63414		3.62	0.01		<0.5	6.69	18	450	1.2	2	1.69	<0.5	20	153	44	3.90
M63415		4.14	0.01		<0.5	6.92	22	500	1.3	<2	1.01	<0.5	21	141	38	3.91
M63416		4.10	0.01		<0.5	6.69	12	460	1.3	<2	1.76	<0.5	22	179	41	4.01
M63417		3.78	<0.01		<0.5	6.96	21	420	1.3	<2	2.70	<0.5	26	185	47	4.67
M63418		3.92	0.01		<0.5	6.76	16	430	1.3	<2	2.47	<0.5	27	191	56	4.38
M63419		4.23	0.01		<0.5	6.93	14	470	1.5	<2	1.89	<0.5	28	216	61	5.02
M63420		3.52	<0.01		<0.5	6.45	21	370	1.1	<2	2.19	<0.5	18	125	45	3.41
M63421		0.12	5.95		0.6	6.57	21	160	2.3	2	1.56	<0.5	14	48	23	5.07
M63422		4.74	0.01		<0.5	6.89	13	530	1.4	2	1.41	<0.5	25	196	48	4.19
M63423		3.46	0.02		<0.5	6.95	12	580	1.5	<2	1.57	<0.5	25	200	41	4.34
M63424		3.89	0.01		<0.5	7.14	15	730	1.6	3	1.95	<0.5	33	195	37	4.67
M63425		2.99	0.01		<0.5	7.27	16	890	2.1	2	2.57	<0.5	24	160	55	4.46
M63426		3.89	0.01		<0.5	7.17	9	820	2.2	3	3.34	<0.5	13	71	43	3.57
M63427		2.68	0.01		<0.5	7.18	20	1030	2.2	4	2.84	<0.5	21	97	34	4.09
M63428		3.66	<0.01		<0.5	6.92	5	480	1.7	3	2.65	<0.5	8	42	42	3.27
M63429		4.06	<0.01		<0.5	6.64	5	920	1.7	2	2.55	<0.5	13	105	28	3.72
M63430		4.77	0.01		<0.5	7.08	<5	670	1.6	<2	2.88	<0.5	18	102	49	3.92
M63431		3.26	<0.01	86.8	<0.5	6.85	6	450	1.4	<2	6.73	<0.5	34	223	26	6.55

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: 26-MAR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11035328

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
M63392		20	1.19	10	3.80	1540	<1	2.86	281	470	15	0.39	5	28	445	<10
M63393		10	1.57	10	3.74	1565	1	2.82	217	600	60	0.74	7	30	405	<10
M63394		10	1.63	10	3.65	1415	3	2.37	190	890	98	1.29	<5	23	877	<10
M63395		10	2.43	10	2.68	1210	2	2.56	191	500	1550	1.87	5	25	846	<10
M63396		20	1.42	10	3.57	1470	1	2.92	244	500	93	0.53	<5	27	309	<10
M63397		20	1.28	10	3.62	1650	<1	2.43	240	450	144	0.51	<5	29	499	<10
M63398		20	2.33	10	3.72	1605	4	2.44	250	650	211	0.69	<5	30	477	<10
M63399		20	1.89	40	4.57	1695	8	2.37	262	1120	160	0.59	<5	21	437	<10
M63400		20	0.86	10	2.96	1740	<1	3.12	60	960	28	0.93	6	37	348	<10
M63401		10	0.78	190	1.40	323	3	0.18	55	1020	10	1.7	9	5	2170	<10
M63402		20	3.48	<10	2.69	1920	<1	1.64	29	540	23	0.86	<5	48	361	10
M63403		20	1.72	10	2.78	2030	1	1.40	34	1450	14	2.39	12	50	374	<10
M63404		10	1.31	20	4.69	1720	<1	1.93	181	1150	14	0.08	7	30	360	<10
M63405		20	1.99	10	3.75	1890	<1	1.86	75	540	27	0.12	5	37	383	<10
M63406		20	1.37	10	3.22	2040	<1	2.82	45	650	50	0.15	<5	38	329	<10
M63407		20	2.02	20	1.75	1000	<1	2.58	112	510	120	0.15	<5	18	324	<10
M63408		20	3.19	10	2.00	1050	<1	1.91	114	480	43	0.29	<5	18	239	<10
M63409		20	2.65	10	1.97	998	<1	2.53	131	570	13	0.13	<5	22	247	<10
M63410		20	1.77	20	1.76	1005	<1	2.38	113	480	6	0.17	<5	19	205	<10
M63411		20	1.75	20	1.81	908	<1	2.46	113	560	9	0.22	<5	18	240	<10
M63412		20	1.44	20	1.51	813	<1	2.68	105	610	8	0.17	<5	18	243	<10
M63413		20	1.07	20	1.55	829	<1	2.75	98	540	8	0.15	<5	17	235	<10
M63414		20	1.40	20	1.28	695	<1	2.93	82	570	7	0.21	<5	15	280	<10
M63415		20	1.51	20	1.21	620	<1	3.03	76	650	5	0.19	<5	14	298	<10
M63416		20	1.28	20	1.39	707	<1	2.96	81	630	6	0.23	<5	15	279	<10
M63417		20	1.24	20	1.80	859	<1	2.71	90	650	8	0.25	5	18	217	<10
M63418		20	1.29	20	1.74	839	<1	2.68	97	620	10	0.21	<5	18	228	<10
M63419		20	1.26	20	1.98	939	<1	2.68	119	620	8	0.18	6	19	221	<10
M63420		20	0.90	30	1.39	713	<1	3.38	71	780	11	0.28	<5	12	314	<10
M63421		20	2.13	10	1.23	361	<1	3.62	46	1090	65	3.25	<5	5	241	<10
M63422		20	1.22	30	1.68	805	<1	3.17	89	720	10	0.33	<5	16	300	<10
M63423		20	1.24	30	1.84	876	<1	3.13	95	730	12	0.39	<5	16	289	<10
M63424		20	1.38	20	2.06	981	1	3.20	105	620	12	0.66	6	17	354	<10
M63425		20	1.54	40	2.09	1090	3	3.37	82	1050	19	0.47	<5	15	316	10
M63426		20	1.25	50	1.44	919	<1	4.23	31	1380	27	0.32	<5	10	395	<10
M63427		20	1.39	50	1.55	974	3	3.56	44	1240	27	0.76	<5	13	339	<10
M63428		10	0.82	50	1.45	916	<1	5.06	18	1720	20	0.05	<5	9	460	<10
M63429		10	1.30	50	1.47	881	1	3.42	43	1010	24	0.21	<5	12	446	<10
M63430		10	1.27	60	1.92	985	<1	4.25	44	1410	23	0.19	<5	13	392	10
M63431		10	0.80	50	4.22	1720	<1	3.12	79	1960	10	0.28	<5	24	553	<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: 26-MAR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11035328

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
M63392		0.42	<10	<10	174	<10	174
M63393		0.45	<10	<10	181	<10	259
M63394		0.35	<10	<10	152	<10	261
M63395		0.36	<10	<10	157	<10	735
M63396		0.40	<10	<10	173	<10	286
M63397		0.42	<10	<10	180	<10	243
M63398		0.47	<10	<10	192	10	443
M63399		0.35	<10	<10	146	<10	378
M63400		0.89	<10	<10	187	<10	202
M63401		0.15	<10	<10	97	<10	387
M63402		0.82	<10	<10	335	<10	154
M63403		1.20	<10	<10	253	10	156
M63404		0.50	<10	<10	211	<10	166
M63405		0.60	<10	<10	273	<10	155
M63406		0.83	<10	<10	332	<10	208
M63407		0.36	<10	<10	132	<10	373
M63408		0.37	<10	<10	144	<10	155
M63409		0.41	<10	<10	156	<10	123
M63410		0.34	<10	<10	132	<10	96
M63411		0.33	<10	<10	140	<10	101
M63412		0.31	<10	<10	130	<10	83
M63413		0.30	<10	<10	124	<10	80
M63414		0.29	<10	<10	107	10	64
M63415		0.28	<10	<10	103	<10	59
M63416		0.31	<10	<10	115	<10	68
M63417		0.33	<10	<10	127	<10	81
M63418		0.34	<10	<10	131	<10	83
M63419		0.33	<10	<10	138	<10	100
M63420		0.25	<10	<10	88	<10	74
M63421		0.38	<10	<10	48	<10	49
M63422		0.30	<10	<10	116	<10	95
M63423		0.32	<10	<10	116	<10	104
M63424		0.33	<10	<10	126	10	121
M63425		0.35	<10	10	129	<10	132
M63426		0.27	<10	10	95	<10	109
M63427		0.29	<10	10	116	<10	121
M63428		0.26	<10	20	72	<10	96
M63429		0.26	<10	10	97	<10	101
M63430		0.31	<10	10	90	<10	109
M63431		0.59	<10	10	144	<10	210

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: 26-MAR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11035328

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
M63432		3.81	0.02		<0.5	6.84	<5	530	1.8	<2	5.63	<0.5	35	223	161	6.69
M63433		3.97	0.01		<0.5	6.80	9	530	1.7	<2	5.75	<0.5	35	264	158	6.56
M63434		3.97	<0.01		<0.5	6.18	5	430	1.8	<2	7.55	<0.5	34	233	119	6.22
M63435		4.17	0.01		<0.5	5.98	<5	570	1.5	3	5.97	<0.5	33	196	106	6.71
M63436		4.12	<0.01		<0.5	6.91	7	710	1.4	<2	4.82	<0.5	38	263	126	7.21
M63437		4.90	<0.01		<0.5	6.98	<5	590	1.5	3	4.68	<0.5	37	265	125	7.11
M63438		2.65	<0.01		<0.5	6.64	6	560	1.5	2	4.15	<0.5	32	229	125	6.11
M63439		3.65	<0.01		<0.5	6.54	5	560	1.3	<2	2.61	<0.5	24	226	66	4.51
M63440		3.77	<0.01		<0.5	6.70	7	510	1.3	4	1.59	<0.5	21	204	47	4.11
M63441		<0.02	<0.01		<0.5	6.54	11	490	1.2	3	1.48	<0.5	21	189	46	3.93
M63442		3.62	<0.01		<0.5	6.59	8	760	1.2	3	1.30	<0.5	18	202	46	3.72
M63443		3.97	<0.01		<0.5	6.42	16	750	1.5	3	4.15	<0.5	30	232	79	5.36
M63444		3.62	<0.01		<0.5	6.72	24	740	1.3	3	3.02	<0.5	27	274	61	4.94
M63445		3.98	<0.01		<0.5	7.28	26	880	1.7	<2	2.70	<0.5	27	209	66	5.26
M63446		3.84	<0.01		<0.5	7.10	25	810	1.4	<2	1.91	<0.5	17	135	39	3.49
M63447		3.71	<0.01		<0.5	6.79	33	620	1.4	<2	2.42	<0.5	19	129	33	3.68
M63448		3.02	<0.01		<0.5	6.69	22	500	1.0	<2	2.06	<0.5	18	164	105	3.87
M63449		4.33	<0.01		<0.5	6.74	30	520	1.2	<2	1.90	<0.5	20	156	59	3.96
M63450		4.02	0.01		<0.5	7.01	29	510	1.0	<2	2.57	<0.5	23	168	79	4.70
M63451		4.11	0.01		<0.5	7.26	49	620	1.5	<2	1.82	<0.5	26	324	45	4.53
M63452		3.93	<0.01		<0.5	6.94	37	640	1.3	<2	3.09	0.7	18	162	37	4.06
M63453		3.71	0.01		<0.5	6.80	33	660	1.2	<2	2.26	0.7	17	196	37	3.48
M63454		3.93	<0.01		<0.5	6.41	23	550	1.1	<2	2.41	<0.5	15	146	28	3.17
M63455		3.63	0.01		<0.5	7.00	23	930	1.5	<2	2.20	<0.5	21	194	62	4.06
M63456		3.65	0.01		0.5	7.35	29	820	1.4	<2	1.93	<0.5	24	221	49	4.35
M63457		3.83	0.01		<0.5	7.24	26	980	1.3	<2	2.56	<0.5	23	211	36	4.18
M63458		3.69	0.01		0.5	7.10	27	800	1.2	<2	1.87	<0.5	22	201	21	3.75
M63459		3.73	<0.01		<0.5	7.17	15	860	1.1	<2	1.12	<0.5	16	166	26	3.42
M63460		2.53	0.01		<0.5	6.83	7	990	1.3	<2	1.73	<0.5	17	220	38	3.95
M63461		0.12	1.36		0.6	8.18	25	160	3.5	<2	2.59	<0.5	21	73	31	5.84
M63462		2.87	<0.01		0.5	6.77	14	1040	1.1	<2	1.62	<0.5	18	146	63	3.26
M63463		4.16	<0.01		<0.5	7.30	19	1410	1.7	<2	4.88	<0.5	48	78	179	9.27
M63464		1.54	<0.01		<0.5	7.31	17	1590	1.4	<2	3.92	<0.5	51	81	189	9.51
M63465		4.66	<0.01		<0.5	7.06	8	400	1.6	<2	3.34	<0.5	18	111	72	3.79
M63466		4.96	<0.01		<0.5	7.38	16	810	1.6	<2	3.34	<0.5	20	169	33	4.03
M63467		4.33	<0.01		<0.5	7.58	20	1570	1.0	<2	4.79	<0.5	45	78	143	9.57
M63468		5.55	<0.01		1.1	7.43	6	240	2.0	<2	3.22	<0.5	58	80	1675	12.50
M63469		3.63	<0.01		<0.5	6.70	11	100	1.8	<2	5.28	<0.5	54	56	780	10.95
M63470		4.07	<0.01		<0.5	7.16	8	130	1.5	<2	4.21	<0.5	44	69	76	9.79
M63471		3.81	<0.01	94.7	<0.5	7.25	5	100	1.8	<2	3.03	<0.5	38	74	43	11.15

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: 26-MAR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11035328

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
M63432		10	0.81	50	4.54	1695	<1	3.26	79	2100	12	0.17	<5	24	630	<10
M63433		10	0.76	50	4.55	1685	<1	3.28	75	2010	12	0.13	<5	23	596	10
M63434		10	0.73	50	4.61	1735	<1	2.94	80	1820	10	0.09	<5	21	628	<10
M63435		10	0.74	40	4.43	1665	<1	2.73	66	1440	13	0.15	<5	22	519	10
M63436		10	1.11	40	4.50	1780	<1	3.05	76	1880	6	0.08	<5	25	718	<10
M63437		10	1.08	40	4.66	1805	<1	3.18	81	1970	7	0.08	<5	26	632	<10
M63438		10	1.18	40	3.72	1510	<1	2.79	81	1530	12	0.07	<5	22	424	<10
M63439		10	1.33	30	2.30	1005	1	2.83	98	830	11	0.09	<5	17	327	<10
M63440		20	1.39	30	1.95	912	<1	2.90	103	670	16	0.14	<5	16	264	<10
M63441		10	1.36	30	1.89	874	<1	2.86	100	660	17	0.14	<5	15	261	<10
M63442		10	1.63	30	1.63	847	<1	2.82	81	640	38	0.19	<5	14	354	<10
M63443		10	1.73	50	3.02	1335	<1	2.45	85	1860	47	0.25	<5	18	456	<10
M63444		10	1.48	40	2.38	1125	<1	2.77	87	1330	38	0.31	<5	17	383	<10
M63445		20	1.91	30	2.47	1125	1	2.50	96	1300	12	0.17	<5	17	357	<10
M63446		20	1.82	20	1.54	746	3	2.96	68	750	37	0.12	<5	11	315	<10
M63447		20	1.79	20	1.80	803	<1	2.77	70	730	52	0.19	<5	11	268	<10
M63448		10	1.43	20	1.70	806	<1	2.88	77	730	14	0.15	<5	11	270	<10
M63449		10	1.34	20	1.81	795	<1	2.98	83	680	12	0.15	<5	13	251	<10
M63450		20	1.49	30	2.13	967	<1	2.71	82	740	22	0.18	<5	13	231	<10
M63451		20	1.45	20	1.92	941	<1	2.90	114	660	75	0.25	<5	17	260	<10
M63452		20	1.45	20	1.78	913	1	3.01	84	650	93	0.17	<5	12	340	<10
M63453		20	1.63	20	1.48	784	1	3.17	71	650	54	0.19	<5	11	270	<10
M63454		20	1.28	30	1.31	680	1	3.13	55	540	24	0.21	<5	9	266	<10
M63455		20	1.99	20	1.61	854	1	2.59	82	580	40	0.36	<5	13	265	<10
M63456		20	2.00	20	1.65	856	1	2.73	105	650	19	0.25	<5	16	297	<10
M63457		20	2.11	20	1.72	826	<1	2.78	93	620	97	0.20	<5	15	364	<10
M63458		20	1.84	30	1.56	771	1	3.42	70	680	74	0.30	<5	12	341	<10
M63459		20	2.04	20	1.37	676	1	3.30	64	560	22	0.15	<5	11	285	<10
M63460		20	2.18	30	1.55	796	<1	2.81	70	580	17	0.19	<5	12	297	<10
M63461		20	3.47	10	1.89	522	1	3.58	74	1170	76	2.84	<5	6	358	<10
M63462		10	2.35	20	1.24	637	<1	3.12	58	490	22	0.17	<5	11	289	<10
M63463		20	2.08	10	3.92	2180	1	1.97	68	520	49	0.14	<5	34	334	<10
M63464		20	2.07	10	3.95	2100	1	2.09	70	560	55	0.12	<5	35	407	<10
M63465		20	0.71	50	2.05	941	<1	4.88	63	1330	159	0.18	<5	9	554	<10
M63466		20	0.96	60	2.21	1010	<1	4.91	92	1640	48	0.10	<5	8	622	<10
M63467		20	2.37	10	3.78	2240	1	2.04	64	600	56	0.11	<5	37	396	<10
M63468		20	1.20	10	5.26	1705	<1	1.40	60	590	4	0.37	<5	38	62	10
M63469		20	0.65	10	4.80	1700	<1	1.35	60	490	<2	0.26	<5	33	65	10
M63470		20	0.84	40	4.59	1560	1	1.72	62	480	<2	0.19	<5	31	71	<10
M63471		20	0.68	10	4.69	1545	1	2.27	61	560	<2	0.18	<5	36	65	<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: 26-MAR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11035328

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
M63432		0.60	<10	10	162	<10	198
M63433		0.57	<10	<10	149	<10	195
M63434		0.53	<10	<10	145	<10	189
M63435		0.48	<10	10	154	<10	182
M63436		0.62	<10	10	168	<10	198
M63437		0.63	<10	10	164	<10	187
M63438		0.52	<10	<10	138	<10	165
M63439		0.36	<10	10	124	<10	121
M63440		0.32	<10	10	116	<10	121
M63441		0.30	<10	10	113	<10	116
M63442		0.30	<10	10	117	<10	126
M63443		0.44	<10	<10	138	<10	224
M63444		0.40	<10	<10	136	<10	166
M63445		0.39	<10	<10	146	<10	146
M63446		0.27	<10	10	93	<10	90
M63447		0.25	<10	10	88	<10	94
M63448		0.26	<10	<10	90	<10	94
M63449		0.29	<10	<10	100	<10	90
M63450		0.29	<10	<10	102	<10	113
M63451		0.34	<10	<10	126	<10	350
M63452		0.27	<10	<10	95	<10	222
M63453		0.26	<10	10	90	<10	248
M63454		0.21	<10	10	76	<10	93
M63455		0.26	<10	<10	104	<10	181
M63456		0.30	<10	<10	117	<10	108
M63457		0.30	<10	<10	113	<10	150
M63458		0.27	<10	<10	91	<10	152
M63459		0.26	<10	10	88	<10	92
M63460		0.28	<10	<10	98	<10	100
M63461		0.59	<10	10	75	<10	57
M63462		0.28	<10	10	99	<10	72
M63463		0.66	<10	10	300	<10	186
M63464		0.70	<10	<10	308	<10	173
M63465		0.27	<10	10	72	<10	92
M63466		0.28	<10	<10	77	<10	98
M63467		0.68	<10	10	300	<10	178
M63468		0.74	<10	<10	328	<10	213
M63469		0.60	<10	<10	291	<10	193
M63470		0.63	<10	<10	290	<10	185
M63471		0.70	<10	<10	309	<10	186

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: 26-MAR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11035328

Sample Description	Method	WEI-21	Au-AA26	PUL-QC	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	Recvd Wt.	Au	Pass75um	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.01	0.01	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01
M63472		4.92	<0.01		<0.5	7.43	17	100	1.6	<2	4.22	<0.5	40	80	135	10.00
M63473		3.42	0.01		<0.5	6.88	13	320	1.2	<2	3.17	<0.5	60	143	69	7.37
M63474		3.94	<0.01		<0.5	7.01	9	650	0.9	<2	0.74	<0.5	28	211	12	5.03
M63475		3.97	<0.01		<0.5	6.63	7	350	0.9	<2	1.61	<0.5	32	169	60	5.02
M63476		2.09	<0.01		<0.5	5.59	7	190	0.8	<2	3.34	<0.5	41	158	297	4.39
M63477		4.53	<0.01		<0.5	6.87	6	180	1.3	<2	3.76	<0.5	28	158	354	4.52
M63478		4.01	<0.01		<0.5	7.36	<5	260	1.5	<2	2.85	<0.5	16	118	22	4.49
M63479		3.96	<0.01		<0.5	7.30	9	170	1.2	<2	3.63	<0.5	21	114	20	4.16
M63480		3.72	0.01		<0.5	7.13	10	210	1.3	<2	5.31	<0.5	15	85	14	3.82
M63481		0.49	<0.01		<0.5	2.80	6	80	0.6	2	38.9	<0.5	8	36	89	1.57
M63482		4.17	<0.01		<0.5	5.81	6	330	1.3	<2	2.36	<0.5	10	92	11	2.68
M63483		0.86	<0.01		<0.5	6.96	<5	250	1.7	<2	3.03	<0.5	11	104	10	3.17
M63484		1.89	<0.01		<0.5	7.49	6	670	0.8	<2	3.36	<0.5	41	85	194	9.98
M63485		2.30	<0.01		<0.5	7.63	13	520	1.2	<2	4.51	<0.5	43	81	256	10.30
M63486		2.73	<0.01		<0.5	7.44	<5	170	2.0	<2	4.61	<0.5	49	77	462	11.70
M63487		3.13	<0.01		<0.5	6.92	10	310	1.3	<2	4.90	<0.5	43	69	1235	11.10

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: 26-MAR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11035328

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
M63472		20	0.61	30	4.41	1535	<1	2.19	65	590	3	0.25	<5	35	84	<10
M63473		10	1.30	50	3.02	1130	1	2.27	76	1090	4	0.58	<5	21	101	<10
M63474		10	1.97	50	1.93	715	1	2.80	84	580	4	0.28	<5	13	143	10
M63475		10	1.53	30	2.01	760	1	2.80	81	530	2	0.24	<5	12	100	<10
M63476		10	1.15	20	1.71	723	1	2.33	64	480	2	0.24	<5	9	83	<10
M63477		20	0.37	110	1.62	686	<1	4.47	84	1350	10	0.13	<5	9	350	<10
M63478		20	0.50	70	1.70	608	<1	4.49	73	1370	11	0.07	<5	8	412	<10
M63479		20	0.34	80	1.50	633	<1	4.90	62	1370	10	0.09	<5	8	359	<10
M63480		20	0.37	100	1.42	773	<1	4.42	59	1300	11	0.06	<5	8	438	<10
M63481		10	0.76	190	1.31	320	5	0.19	56	1010	6	1.7	7	4	2120	<10
M63482		10	0.18	50	1.28	453	1	3.99	66	1100	14	0.03	<5	5	438	<10
M63483		20	0.16	60	1.77	601	<1	4.97	80	1420	16	0.02	<5	6	464	<10
M63484		20	2.05	10	3.59	2830	<1	2.49	55	610	154	0.07	<5	35	110	<10
M63485		20	1.08	10	3.49	3710	<1	2.72	61	590	1060	0.15	10	37	315	<10
M63486		20	0.93	10	4.44	1615	<1	1.49	60	590	19	0.17	9	37	53	<10
M63487		20	0.96	10	4.07	1705	<1	1.11	53	460	4	0.21	<5	33	68	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: 26-MAR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11035328

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
M63472		0.67	<10	<10	284	<10	174
M63473		0.46	<10	<10	176	<10	126
M63474		0.30	<10	<10	108	<10	87
M63475		0.29	<10	<10	100	<10	87
M63476		0.24	<10	<10	81	<10	73
M63477		0.28	<10	<10	89	<10	73
M63478		0.26	<10	10	84	<10	74
M63479		0.27	<10	10	78	<10	65
M63480		0.24	<10	<10	72	<10	59
M63481		0.15	<10	<10	99	<10	377
M63482		0.19	<10	10	64	<10	56
M63483		0.23	<10	10	62	<10	71
M63484		0.79	<10	10	311	<10	353
M63485		0.82	<10	10	335	<10	347
M63486		0.82	<10	<10	333	<10	158
M63487		0.60	<10	<10	277	<10	153