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 TM11035430

Project: 1916

P.O. No.: 10-116

This report is for 100 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 TM11035430

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
M63858		3.92	0.01	87.8	<0.5	7.46	<5	600	1.8	<2	3.56	<0.5	10	102	12	3.37
M63859		3.83	0.01		<0.5	7.12	6	570	1.3	<2	3.51	<0.5	15	126	50	3.92
M63860		4.16	0.01		<0.5	6.98	7	620	0.9	<2	2.04	<0.5	24	185	37	5.05
M63861		0.12	5.82		0.5	6.92	22	170	2.2	2	1.62	<0.5	14	46	28	5.18
M63862		3.99	0.01		<0.5	6.41	8	800	0.8	<2	0.61	<0.5	16	162	11	4.57
M63863		2.69	0.01		<0.5	6.70	12	720	0.8	<2	0.88	<0.5	19	182	10	4.50
M63864		3.87	0.01		<0.5	6.40	<5	420	0.6	<2	1.11	<0.5	23	142	7	4.40
M63865		3.89	0.01		<0.5	6.54	10	500	0.6	<2	1.05	<0.5	32	193	7	5.07
M63866		3.91	<0.01		<0.5	6.32	9	410	0.6	<2	1.56	<0.5	21	179	9	4.47
M63867		4.08	0.01		<0.5	6.17	<5	460	0.5	<2	2.42	<0.5	23	170	8	4.48
M63868		3.36	<0.01		<0.5	6.65	8	590	0.6	<2	2.01	<0.5	21	235	31	5.42
M63869		4.25	<0.01		<0.5	6.72	5	420	0.6	<2	1.14	<0.5	18	208	8	4.95
M63870		3.94	<0.01		<0.5	6.10	6	280	0.5	<2	1.51	<0.5	28	201	18	3.40
M63871		4.08	<0.01		<0.5	6.36	<5	270	0.5	<2	1.89	<0.5	48	188	10	3.81
M63872		3.55	<0.01		<0.5	6.50	6	310	0.5	<2	1.73	<0.5	39	127	24	3.45
M63873		3.81	0.01		<0.5	6.66	5	580	0.8	<2	2.34	<0.5	29	201	89	4.68
M63874		3.66	<0.01		<0.5	6.06	6	320	<0.5	<2	4.26	<0.5	41	52	61	10.15
M63875		4.04	0.01		<0.5	6.30	<5	350	0.5	<2	4.25	<0.5	39	58	110	9.92
M63876		3.86	<0.01		<0.5	6.59	5	470	1.4	2	5.27	<0.5	37	60	374	9.10
M63877		3.87	<0.01		<0.5	7.02	7	560	1.3	<2	6.04	<0.5	34	56	287	8.97
M63878		3.95	<0.01		<0.5	7.39	<5	740	1.3	<2	5.54	<0.5	37	63	263	9.30
M63879		3.87	<0.01		<0.5	6.74	<5	430	1.2	<2	5.92	<0.5	33	61	187	7.86
M63880		4.06	<0.01		<0.5	7.19	<5	290	1.2	<2	5.75	<0.5	31	58	173	9.07
M63881		<0.02	0.01		<0.5	7.04	<5	280	1.2	2	5.64	<0.5	32	57	167	8.87
M63882		4.31	<0.01		<0.5	7.00	<5	220	1.1	<2	5.87	<0.5	31	57	478	9.29
M63883		4.36	<0.01		<0.5	7.30	6	310	1.1	2	5.00	<0.5	36	62	431	10.80
M63884		3.33	<0.01		<0.5	7.30	8	250	0.6	<2	3.58	<0.5	41	70	768	10.85
M63885		3.62	<0.01		<0.5	7.51	<5	670	0.8	<2	4.25	<0.5	40	74	1000	9.01
M63886		4.30	<0.01		<0.5	7.04	<5	930	1.0	<2	6.13	<0.5	31	68	404	8.61
M63887		3.90	<0.01		<0.5	7.60	6	1160	1.2	<2	3.46	<0.5	37	77	477	8.91
M63888		4.41	0.03		<0.5	7.65	5	1080	1.0	<2	3.47	<0.5	41	98	387	9.20
M63889		4.14	<0.01		<0.5	7.04	7	800	1.0	<2	4.49	<0.5	40	73	330	9.08
M63890		4.29	<0.01		<0.5	7.19	5	810	0.9	<2	3.33	<0.5	40	66	329	9.03
M63891		3.89	<0.01		<0.5	7.05	7	800	1.1	<2	4.15	<0.5	43	75	204	8.63
M63892		3.91	<0.01		<0.5	7.31	5	720	0.9	2	3.68	<0.5	46	83	349	8.96
M63893		3.90	<0.01		<0.5	6.90	6	750	0.8	<2	3.64	<0.5	50	87	138	9.18
M63894		3.63	<0.01		<0.5	7.18	6	940	0.7	<2	3.39	<0.5	46	91	145	9.17
M63895		2.63	<0.01		<0.5	6.94	8	660	0.8	<2	4.55	<0.5	46	61	300	8.15
M63896		1.73	<0.01		<0.5	7.41	6	600	1.1	2	4.87	<0.5	47	63	381	8.66
M63897		4.09	<0.01		<0.5	6.93	6	790	1.2	<2	3.97	<0.5	37	64	74	8.82

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 TM11035430

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
M63858		20	0.61	60	1.63	624	<1	5.00	64	1490	13	0.04	<5	7	500	<10
M63859		10	1.02	90	1.53	670	<1	4.26	76	1700	17	0.05	<5	8	461	<10
M63860		10	2.07	70	1.90	685	1	2.82	93	930	5	0.12	<5	11	195	<10
M63861		10	2.19	10	1.27	368	<1	3.68	51	1120	69	3.38	<5	4	253	10
M63862		20	2.36	50	1.68	565	<1	2.37	75	500	2	0.07	<5	12	129	<10
M63863		10	2.06	50	1.63	576	<1	2.80	74	540	<2	0.09	<5	13	135	<10
M63864		10	2.14	130	1.69	607	<1	2.54	75	490	2	0.12	<5	11	74	<10
M63865		10	2.19	140	1.79	638	<1	2.39	87	540	3	0.22	<5	14	90	<10
M63866		10	2.24	50	1.56	582	<1	2.58	85	500	2	0.11	<5	13	71	<10
M63867		10	2.56	110	1.62	663	<1	2.00	83	440	<2	0.13	<5	14	82	<10
M63868		10	2.40	120	1.99	753	<1	2.14	100	510	2	0.09	<5	16	88	<10
M63869		10	1.68	80	1.81	672	<1	2.82	93	510	<2	0.11	<5	16	93	<10
M63870		10	1.59	90	1.25	523	<1	2.86	67	490	8	0.18	<5	12	83	<10
M63871		10	1.65	60	1.40	592	<1	2.92	75	480	4	0.26	<5	12	83	<10
M63872		10	1.70	30	1.26	550	<1	3.16	72	490	7	0.28	<5	11	98	<10
M63873		10	1.68	20	1.74	878	<1	2.89	86	500	13	0.16	<5	16	179	10
M63874		10	1.94	10	3.57	3520	<1	1.47	52	440	615	0.04	5	28	60	<10
M63875		20	1.78	10	3.31	3910	<1	1.83	51	470	945	0.08	<5	30	114	<10
M63876		20	2.15	20	3.33	1365	<1	0.91	52	530	43	0.15	<5	32	62	<10
M63877		20	2.75	20	3.07	1360	<1	0.98	53	560	14	0.15	<5	34	71	<10
M63878		20	2.98	20	3.23	1410	<1	0.99	58	600	10	0.17	<5	35	72	<10
M63879		20	2.59	20	2.90	1375	<1	1.01	52	510	8	0.16	<5	33	60	<10
M63880		20	2.03	20	3.47	1480	<1	1.33	59	530	5	0.12	<5	35	57	<10
M63881		20	1.97	20	3.38	1450	<1	1.31	58	520	7	0.12	<5	34	56	<10
M63882		20	1.59	20	3.48	1550	1	1.36	63	540	3	0.15	<5	34	50	10
M63883		20	2.26	50	3.99	1760	1	0.66	82	500	6	0.16	<5	33	43	<10
M63884		20	1.77	20	3.91	1750	<1	1.27	88	610	7	0.22	<5	31	41	<10
M63885		20	2.90	50	3.46	1510	<1	0.78	74	560	12	0.22	<5	28	140	<10
M63886		20	3.88	20	3.83	1875	<1	0.58	60	440	18	0.10	<5	33	359	<10
M63887		20	4.25	10	4.34	1950	<1	1.05	66	530	13	0.12	<5	37	204	<10
M63888		20	3.91	10	4.49	2050	<1	1.20	74	480	23	0.12	<5	39	231	<10
M63889		20	3.16	10	4.20	1930	<1	1.36	65	500	30	0.13	<5	33	453	<10
M63890		20	2.66	10	4.09	1865	<1	1.96	61	540	50	0.12	<5	29	353	<10
M63891		20	3.12	10	3.92	1875	<1	1.81	61	520	133	0.15	<5	30	408	<10
M63892		20	2.94	10	4.04	2030	<1	1.98	64	520	124	0.14	<5	31	259	10
M63893		20	2.94	10	4.32	2210	<1	1.83	68	510	66	0.13	<5	34	170	<10
M63894		20	3.78	10	4.35	2120	<1	1.11	70	450	69	0.10	<5	37	151	<10
M63895		20	2.88	10	3.68	1945	<1	2.07	56	490	162	0.16	<5	29	193	<10
M63896		20	2.86	10	3.97	2040	<1	2.14	59	540	250	0.16	<5	35	163	<10
M63897		20	3.27	20	4.27	1880	<1	1.35	59	520	12	0.09	<5	34	178	<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 TM11035430

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
M63858		0.27	<10	10	75	<10	68
M63859		0.28	<10	<10	83	<10	66
M63860		0.29	<10	<10	96	<10	75
M63861		0.38	<10	10	49	<10	50
M63862		0.29	<10	<10	92	<10	67
M63863		0.30	<10	<10	97	<10	66
M63864		0.26	<10	<10	98	<10	69
M63865		0.30	<10	<10	117	<10	74
M63866		0.32	<10	<10	103	<10	64
M63867		0.29	<10	<10	105	<10	71
M63868		0.34	<10	<10	126	<10	85
M63869		0.35	<10	<10	118	<10	79
M63870		0.29	<10	<10	88	<10	59
M63871		0.30	<10	<10	92	<10	65
M63872		0.27	<10	10	87	<10	65
M63873		0.35	<10	<10	128	<10	120
M63874		0.60	<10	<10	268	<10	377
M63875		0.64	<10	10	259	<10	361
M63876		0.70	<10	<10	277	<10	123
M63877		0.73	<10	<10	284	<10	113
M63878		0.78	<10	<10	308	<10	125
M63879		0.65	<10	<10	265	<10	116
M63880		0.64	<10	10	278	<10	135
M63881		0.63	<10	<10	274	<10	133
M63882		0.65	<10	<10	274	<10	139
M63883		0.63	<10	<10	283	<10	169
M63884		0.70	<10	<10	281	<10	177
M63885		0.64	<10	<10	254	<10	141
M63886		0.54	<10	<10	260	<10	151
M63887		0.64	<10	<10	273	<10	166
M63888		0.61	<10	10	277	<10	195
M63889		0.63	<10	10	292	<10	170
M63890		0.66	<10	10	285	<10	175
M63891		0.64	<10	10	286	<10	175
M63892		0.66	<10	10	289	<10	247
M63893		0.63	<10	10	286	<10	196
M63894		0.60	<10	10	272	<10	190
M63895		0.58	<10	10	251	<10	210
M63896		0.65	<10	10	276	<10	245
M63897		0.65	<10	10	281	<10	162

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 TM11035430

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
M63898		3.67	<0.01	86.4	<0.5	7.36	<5	560	1.1	<2	5.10	<0.5	40	60	11	9.24
M63899		3.87	<0.01		<0.5	7.53	<5	410	0.8	<2	4.09	<0.5	38	68	37	9.79
M63900		3.74	<0.01		<0.5	6.65	<5	300	0.6	<2	5.32	<0.5	34	53	21	9.07
M63901		0.12	1.29		<0.5	8.11	25	160	3.2	<2	2.55	<0.5	18	66	45	5.75
M63902		4.32	<0.01		<0.5	4.59	5	190	0.6	<2	2.84	<0.5	26	46	12	6.36
M63903		3.73	<0.01		<0.5	7.00	<5	420	0.9	<2	5.08	<0.5	34	61	40	9.58
M63904		4.19	<0.01		<0.5	7.32	<5	400	1.0	<2	3.76	<0.5	38	63	76	10.20
M63905		4.71	<0.01		<0.5	6.24	<5	260	0.7	<2	6.01	<0.5	36	48	550	9.15
M63340		3.56	<0.01		<0.5	7.41	<5	620	<0.5	<2	5.00	<0.5	51	70	120	10.30
M63341		0.12	5.76		0.5	7.30	27	180	2.2	3	1.67	<0.5	14	48	28	5.21
M63342		3.68	<0.01		<0.5	5.15	<5	10	<0.5	<2	5.61	<0.5	62	1050	125	7.50
M63343		2.89	0.01		<0.5	4.11	10	10	<0.5	<2	5.71	<0.5	94	1170	806	6.47
M63344		3.66	0.01		<0.5	4.22	10	<10	<0.5	<2	4.57	<0.5	88	1190	741	6.60
M63345		4.58	0.01		<0.5	4.03	5	10	<0.5	2	5.79	<0.5	102	1270	360	6.89
M63346		2.52	<0.01		<0.5	6.76	<5	540	<0.5	<2	3.95	<0.5	57	80	10	10.10
M63347		2.52	<0.01		<0.5	6.82	<5	310	<0.5	<2	3.81	<0.5	68	92	11	11.45
M63348		3.71	<0.01		<0.5	7.14	7	240	0.5	<2	6.08	<0.5	51	113	108	9.15
M63349		3.80	<0.01		<0.5	7.26	6	150	<0.5	<2	4.01	<0.5	49	132	74	9.46
M63350		4.52	0.01		<0.5	7.03	<5	350	<0.5	<2	5.65	<0.5	53	58	117	9.92
M63351		4.57	0.01		<0.5	7.36	<5	400	<0.5	<2	4.90	<0.5	42	113	185	8.41
M63352		4.53	0.01		<0.5	7.09	5	310	<0.5	<2	6.81	<0.5	42	119	151	8.31
M63353		3.73	<0.01		<0.5	7.30	<5	280	<0.5	<2	6.26	<0.5	44	131	115	8.39
M63354		4.36	<0.01		<0.5	7.62	7	260	<0.5	<2	6.34	<0.5	45	138	140	8.64
M63355		4.02	<0.01		<0.5	7.21	8	330	<0.5	<2	5.17	<0.5	41	133	133	8.18
M63356		3.73	<0.01		<0.5	6.85	<5	170	<0.5	<2	5.12	<0.5	30	101	98	6.57
M63357		3.82	<0.01		<0.5	7.50	5	110	<0.5	<2	2.44	<0.5	21	13	19	5.03
M63358		4.03	<0.01		<0.5	7.25	<5	230	<0.5	<2	5.42	<0.5	38	66	66	8.72
M63359		4.47	<0.01		<0.5	7.17	5	180	<0.5	<2	6.06	<0.5	38	62	74	8.60
M63360		4.03	0.02		<0.5	7.30	9	180	<0.5	<2	6.10	<0.5	41	66	108	9.01
M63361		<0.02	0.01		0.5	7.05	12	170	<0.5	<2	5.90	<0.5	40	64	104	8.75
M63362		4.09	<0.01		<0.5	6.62	7	140	<0.5	<2	6.88	<0.5	37	56	69	8.55
M63363		2.34	<0.01		<0.5	7.18	12	190	<0.5	<2	6.04	<0.5	40	73	54	8.55
M63364		3.91	0.01		<0.5	6.77	7	110	<0.5	<2	6.75	<0.5	39	110	107	7.84
M63365		3.74	0.01		<0.5	7.70	<5	90	<0.5	<2	4.95	<0.5	46	162	104	9.07
M63366		4.29	0.02		<0.5	7.05	5	40	<0.5	<2	6.33	<0.5	42	141	122	7.98
M63367		4.00	0.01		<0.5	7.39	<5	50	<0.5	<2	4.18	<0.5	43	143	127	8.92
M63368		4.49	<0.01		<0.5	7.38	<5	40	<0.5	<2	4.48	<0.5	44	146	128	8.90
M63369		3.88	<0.01		<0.5	7.19	<5	10	<0.5	<2	4.90	<0.5	42	125	123	8.43
M63370		3.53	<0.01		<0.5	7.14	8	130	<0.5	<2	5.58	<0.5	49	103	159	8.23
M63371		4.46	<0.01	78.8	<0.5	6.96	<5	230	<0.5	<2	3.73	<0.5	43	60	172	8.93

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 TM11035430

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
M63898		20	3.54	20	3.98	1595	<1	0.84	66	540	10	0.13	<5	33	140	<10
M63899		20	3.27	10	3.55	1450	<1	0.69	67	590	10	0.13	<5	36	40	<10
M63900		20	2.84	20	3.16	1345	<1	0.36	59	470	20	0.10	<5	32	34	<10
M63901		20	3.28	20	1.80	501	2	3.36	72	1140	78	2.96	<5	6	357	<10
M63902		10	1.54	10	2.15	888	<1	0.45	39	320	9	0.08	<5	20	20	<10
M63903		20	3.05	20	3.35	1385	<1	0.30	58	510	16	0.11	<5	34	34	<10
M63904		20	2.27	20	3.58	1400	<1	0.91	55	540	<2	0.12	<5	36	36	<10
M63905		20	2.09	20	3.36	1490	<1	0.46	48	470	3	0.16	<5	30	45	<10
M63340		20	1.39	10	4.54	1810	<1	1.48	86	510	15	0.08	<5	35	220	10
M63341		20	2.23	10	1.26	380	2	3.74	50	1160	68	3.46	<5	4	269	<10
M63342		10	0.03	10	12.55	1320	<1	0.09	980	760	<2	0.02	<5	24	35	<10
M63343		10	0.02	10	12.50	1190	<1	0.08	1030	140	2	0.18	<5	23	24	<10
M63344		10	0.01	10	13.60	1080	<1	0.06	1125	130	<2	0.13	<5	23	15	<10
M63345		10	0.02	<10	12.65	1355	1	0.09	1020	100	5	0.11	<5	23	18	<10
M63346		20	0.64	10	8.49	2290	<1	0.94	121	460	<2	<0.01	<5	33	67	<10
M63347		20	0.38	10	9.25	2540	<1	0.91	154	470	2	<0.01	<5	34	51	<10
M63348		20	0.49	10	5.38	2050	<1	1.50	117	450	8	0.04	<5	33	124	<10
M63349		20	0.21	<10	5.52	1955	<1	2.74	119	370	4	0.12	<5	42	144	<10
M63350		20	0.49	<10	5.04	2380	<1	1.93	125	340	70	<0.01	<5	36	118	10
M63351		20	0.60	<10	4.58	2100	<1	2.65	82	340	68	0.02	<5	40	142	<10
M63352		20	0.46	<10	4.44	2130	<1	2.61	93	320	175	0.10	<5	39	176	<10
M63353		20	0.37	<10	4.31	2050	<1	2.59	110	290	52	<0.01	<5	36	218	<10
M63354		20	0.38	<10	4.23	1880	<1	2.67	102	310	11	0.01	<5	38	173	<10
M63355		20	0.45	<10	4.03	1785	<1	2.56	87	290	9	0.04	<5	39	140	<10
M63356		20	0.24	<10	3.34	1300	<1	2.95	64	340	11	0.04	<5	32	113	<10
M63357		20	0.10	10	2.30	920	<1	4.59	24	1210	<2	<0.01	<5	20	93	<10
M63358		20	0.35	<10	3.91	1900	<1	3.09	53	370	<2	<0.01	<5	42	99	<10
M63359		20	0.30	<10	3.65	1725	<1	2.94	52	420	5	0.02	<5	40	142	<10
M63360		20	0.29	<10	3.78	1800	<1	2.79	53	340	<2	0.03	<5	41	145	<10
M63361		20	0.27	<10	3.58	1730	<1	2.70	51	330	2	0.05	<5	40	152	<10
M63362		20	0.26	<10	3.44	1745	<1	2.33	54	350	<2	<0.01	<5	37	149	<10
M63363		20	0.40	<10	3.84	1815	<1	2.96	55	360	2	0.07	<5	41	111	<10
M63364		20	0.45	<10	4.29	1395	<1	2.51	86	300	8	0.13	<5	37	65	<10
M63365		20	0.28	<10	4.90	1555	<1	2.86	104	340	<2	0.12	<5	38	63	<10
M63366		20	0.18	<10	4.30	1390	<1	2.64	86	310	5	0.21	<5	39	60	<10
M63367		20	0.22	<10	4.97	1560	<1	2.81	90	350	2	0.22	<5	39	73	<10
M63368		20	0.15	<10	5.10	1610	<1	2.71	87	350	<2	0.14	<5	40	69	<10
M63369		20	0.04	<10	4.86	1370	<1	2.24	83	340	3	0.14	<5	38	43	10
M63370		20	0.67	10	4.15	1385	<1	2.19	75	420	7	0.45	<5	36	90	10
M63371		20	1.00	10	4.67	1685	<1	2.30	70	510	4	0.10	<5	30	142	<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 TM11035430

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
M63898		0.65	<10	<10	267	<10	149
M63899		0.71	<10	<10	292	<10	150
M63900		0.59	<10	<10	265	<10	132
M63901		0.56	<10	20	71	<10	56
M63902		0.41	<10	<10	184	<10	84
M63903		0.62	<10	<10	282	<10	126
M63904		0.67	<10	<10	288	<10	131
M63905		0.58	<10	<10	260	<10	126
M63340		0.63	<10	<10	287	<10	168
M63341		0.39	10	20	50	<10	51
M63342		0.31	<10	<10	156	<10	185
M63343		0.22	<10	<10	139	<10	159
M63344		0.22	<10	<10	144	<10	182
M63345		0.22	<10	<10	139	<10	187
M63346		0.60	<10	<10	274	<10	289
M63347		0.62	<10	<10	283	<10	321
M63348		0.61	<10	<10	284	<10	185
M63349		0.66	<10	10	299	<10	205
M63350		0.60	<10	<10	283	<10	210
M63351		0.58	<10	10	277	<10	205
M63352		0.54	<10	10	272	<10	193
M63353		0.51	<10	10	258	<10	170
M63354		0.55	<10	10	272	<10	140
M63355		0.51	<10	<10	262	<10	145
M63356		0.47	<10	10	207	<10	139
M63357		0.59	<10	10	131	<10	95
M63358		0.66	<10	10	306	<10	147
M63359		0.65	<10	10	296	<10	124
M63360		0.66	<10	10	312	<10	111
M63361		0.65	<10	<10	303	<10	104
M63362		0.61	<10	10	280	<10	102
M63363		0.66	<10	10	302	<10	133
M63364		0.52	<10	10	259	<10	167
M63365		0.59	<10	10	303	<10	198
M63366		0.52	<10	10	258	<10	173
M63367		0.60	<10	<10	286	<10	204
M63368		0.59	<10	10	289	<10	226
M63369		0.57	<10	<10	277	<10	249
M63370		0.59	<10	<10	258	<10	258
M63371		0.59	<10	<10	266	<10	287

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 TM11035430

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
M63372		2.47	<0.01		<0.5	7.53	5	670	0.6	<2	5.41	<0.5	46	75	143	9.12
M63373		2.55	<0.01		<0.5	7.40	5	780	0.7	<2	5.48	<0.5	45	62	120	8.86
M63374		3.44	<0.01		0.6	7.46	7	480	0.6	<2	2.70	<0.5	40	467	74	6.28
M63375		4.00	<0.01		<0.5	6.94	5	320	0.8	<2	4.33	0.6	35	419	119	5.88
M63376		3.37	<0.01		<0.5	7.12	6	320	0.8	<2	3.45	<0.5	40	432	127	5.30
M63377		3.67	0.01	83.3	<0.5	7.05	<5	520	0.8	<2	3.00	<0.5	32	386	69	5.04
M63378		4.31	0.02		<0.5	7.04	9	410	0.9	<2	3.28	<0.5	40	435	130	5.35
M63379		3.91	0.02		<0.5	7.17	7	680	1.1	<2	3.01	0.5	39	544	83	5.72
M63380		4.00	0.43		0.7	7.39	6	640	1.2	<2	2.90	<0.5	42	681	143	6.33
M63381		0.12	1.33		<0.5	7.63	20	150	3.2	<2	2.45	<0.5	20	73	32	5.68
M63382		4.22	<0.01		<0.5	7.04	5	1600	1.6	<2	5.54	<0.5	26	151	83	5.89
M63383		4.40	<0.01		<0.5	7.10	<5	1310	1.5	<2	4.79	<0.5	38	442	99	6.31
M63384		3.79	<0.01		<0.5	7.38	8	740	1.1	<2	3.84	<0.5	38	490	101	6.04
M63385		2.66	<0.01		<0.5	7.17	5	630	1.0	<2	3.16	<0.5	41	565	118	6.86
M63386		4.15	0.01		<0.5	7.71	<5	730	1.0	2	3.39	<0.5	41	644	79	6.52
M63387		4.45	<0.01		<0.5	6.98	8	690	1.2	<2	4.51	0.6	42	605	54	6.48
M63388		4.29	0.01		<0.5	7.54	<5	570	0.9	<2	3.01	<0.5	33	529	51	5.80
M63389		4.11	0.01		<0.5	7.18	<5	960	1.0	<2	2.70	<0.5	35	535	63	5.64
M63390		3.87	<0.01		<0.5	7.84	<5	410	0.8	<2	3.22	<0.5	43	525	348	5.95
M63391		3.98	<0.01		<0.5	7.49	<5	980	0.9	<2	3.42	<0.5	49	588	114	6.58

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 TM11035430

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
M63372		20	1.51	10	3.57	2070	<1	2.26	76	520	8	0.09	<5	34	308	<10
M63373		20	1.81	10	3.61	2110	<1	2.00	75	510	81	0.10	<5	34	378	10
M63374		10	0.94	10	3.42	1475	1	3.42	235	490	28	0.18	<5	28	249	<10
M63375		20	0.67	20	3.61	1575	<1	3.57	192	1210	42	0.18	<5	26	331	<10
M63376		10	0.84	10	2.93	1340	1	3.84	207	680	10	0.49	<5	25	317	<10
M63377		10	1.22	10	3.01	1185	<1	3.47	200	400	23	0.23	<5	20	310	<10
M63378		10	0.92	10	3.40	1320	1	3.40	249	450	25	0.36	<5	25	242	<10
M63379		10	1.26	10	3.80	1380	1	2.82	300	440	61	0.24	<5	24	276	<10
M63380		20	1.09	10	4.76	1405	1	3.00	375	600	30	0.25	<5	26	241	<10
M63381		20	3.31	20	1.80	500	1	3.38	75	1160	81	3.08	<5	6	354	<10
M63382		20	1.37	70	4.09	1410	2	2.82	66	3400	13	0.18	<5	20	903	<10
M63383		20	1.23	50	4.31	1480	1	2.55	159	2210	22	0.52	<5	25	758	<10
M63384		20	1.08	20	4.04	1460	2	3.18	250	480	20	0.48	<5	26	412	<10
M63385		20	0.99	20	4.15	1545	1	2.60	280	490	5	0.45	<5	27	316	<10
M63386		20	1.34	20	3.89	1510	1	2.91	291	520	24	0.47	<5	28	357	<10
M63387		20	1.43	20	4.15	1560	<1	2.40	256	860	9	0.44	<5	27	532	<10
M63388		20	1.23	20	3.52	1265	<1	3.21	273	540	15	0.28	<5	22	333	<10
M63389		20	1.60	20	3.39	1290	1	2.78	267	610	22	0.41	<5	23	326	<10
M63390		20	1.41	20	3.42	1510	1	4.00	265	570	24	0.60	<5	27	192	<10
M63391		20	1.84	20	3.88	1640	1	2.98	250	540	24	0.86	<5	31	256	<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 TM11035430

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
M63372		0.62	<10	<10	274	<10	166
M63373		0.60	<10	<10	269	<10	225
M63374		0.45	<10	10	180	<10	223
M63375		0.43	<10	10	170	<10	240
M63376		0.42	<10	10	151	<10	135
M63377		0.34	<10	10	140	<10	149
M63378		0.40	<10	10	164	<10	183
M63379		0.37	<10	10	163	<10	256
M63380		0.41	<10	10	178	<10	217
M63381		0.57	<10	20	72	<10	58
M63382		0.39	<10	10	159	<10	120
M63383		0.45	<10	10	179	<10	189
M63384		0.39	<10	20	172	<10	150
M63385		0.41	<10	10	177	<10	164
M63386		0.44	<10	20	185	<10	181
M63387		0.41	<10	10	177	<10	275
M63388		0.36	<10	20	151	<10	139
M63389		0.38	<10	10	157	<10	201
M63390		0.44	<10	20	182	<10	185
M63391		0.47	<10	20	196	<10	197