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: 24-FEB-2011
Account: NORTEX

CERTIFICATE TM11021495

Project: 1916

P.O. No.:

This report is for 103 Drill Core samples submitted to our lab in Timmins, ON, Canada on 10-FEB-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: 24-FEB-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11021495

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
Y20370		4.19	0.01	93.9	<0.5	6.70	<5	3370	2.7	2	5.41	<0.5	22	164	66	5.43
Y20371		3.42	0.02		<0.5	6.55	8	1920	2.8	4	4.70	<0.5	23	158	84	5.22
Y20372		2.70	0.02		<0.5	7.27	8	2470	3.1	4	4.66	<0.5	21	91	43	5.31
Y20373		3.33	0.03		<0.5	7.14	5	4640	2.1	3	3.33	<0.5	27	50	71	5.28
Y20374		3.79	0.01		<0.5	7.57	<5	3560	3.9	<2	4.48	<0.5	18	41	54	4.53
Y20375		4.42	0.02		<0.5	6.93	<5	3080	5.9	<2	4.56	<0.5	16	45	45	4.29
Y20376		4.71	0.02		<0.5	7.60	6	3210	4.6	<2	4.65	<0.5	16	54	31	4.62
Y20377		3.29	0.10		<0.5	7.60	<5	2690	2.9	4	5.00	<0.5	20	27	57	5.09
Y20378		3.82	0.05		<0.5	6.94	6	2820	3.3	5	5.27	<0.5	21	22	117	5.41
Y20379		3.39	0.57		<0.5	7.46	<5	3940	3.7	4	4.59	<0.5	22	21	62	6.41
Y20380		4.38	2.47		5.1	6.56	8	220	2.8	38	5.17	<0.5	29	44	65	6.06
Y20381		0.11	1.34		0.6	8.51	23	170	3.4	<2	2.75	<0.5	22	68	33	6.28
Y20382		4.39	0.10		<0.5	6.35	5	480	4.1	3	5.85	<0.5	20	15	134	5.32
Y20383		4.09	0.12		<0.5	7.51	<5	660	4.3	<2	4.66	<0.5	20	18	103	5.73
Y20384		3.62	0.17		<0.5	7.07	11	1320	2.6	3	4.75	<0.5	19	14	61	5.39
Y20385		3.43	0.07		<0.5	6.45	12	1050	1.4	3	4.09	<0.5	15	19	555	3.88
Y20386		4.03	0.21		<0.5	7.07	10	3090	2.1	2	4.28	<0.5	16	18	54	5.06
Y20387		4.05	0.30		<0.5	7.34	5	310	3.4	<2	4.79	<0.5	20	14	53	5.89
Y20388		3.71	0.56		<0.5	7.14	8	170	2.9	2	4.51	<0.5	19	15	54	5.71
Y20389		3.89	0.08		<0.5	7.09	7	2860	3.4	<2	4.70	<0.5	18	15	146	5.59
Y20390		3.98	0.27		<0.5	7.02	5	3130	3.7	<2	4.71	<0.5	19	20	59	5.58
Y20391		3.84	2.25		<0.5	7.01	7	2960	3.1	<2	4.65	<0.5	20	20	92	5.27
Y20392		4.26	0.13		<0.5	7.38	<5	3150	3.4	<2	4.56	<0.5	18	28	73	5.37
Y20393		3.76	0.26		<0.5	7.27	<5	3220	2.3	<2	4.81	<0.5	15	22	72	4.67
Y20394		3.65	0.09		<0.5	7.39	8	2900	1.6	2	4.98	<0.5	15	21	54	4.24
Y20395		3.92	0.89		<0.5	7.00	<5	1440	2.4	2	3.98	<0.5	17	20	43	4.52
Y20396		3.80	0.07		<0.5	7.08	5	3290	2.6	2	3.78	<0.5	16	22	38	4.63
Y20397		3.56	0.12		<0.5	7.01	9	2630	2.6	<2	3.86	<0.5	15	19	51	4.06
Y20398		4.29	0.03		<0.5	7.08	<5	2940	2.3	<2	3.91	<0.5	16	24	67	4.63
Y20399		3.82	0.66		<0.5	7.24	9	2890	2.4	<2	3.98	<0.5	17	47	37	4.45
Y20400		3.22	0.25		<0.5	7.20	5	450	2.4	<2	3.74	<0.5	17	24	53	4.48
Y20401		0.47	<0.01		<0.5	2.91	<5	90	0.6	<2	43.8	<0.5	8	35	100	1.61
Y20402		3.36	0.23		<0.5	6.95	<5	140	2.6	2	3.56	<0.5	15	18	32	4.54
Y20403		4.05	0.29		<0.5	7.34	5	290	2.5	2	3.41	<0.5	15	19	25	4.24
Y20404		3.93	0.23		<0.5	6.70	5	230	2.9	<2	3.33	<0.5	15	36	27	4.16
Y20405		4.04	0.28		<0.5	7.14	<5	350	3.9	<2	4.15	<0.5	14	64	18	4.34
Y20406		2.04	0.10		<0.5	6.73	<5	670	3.7	<2	3.69	<0.5	13	63	20	3.89
Y20407		4.41	0.04		<0.5	7.33	<5	2300	2.7	<2	3.66	<0.5	14	71	13	3.93
Y20408		3.80	0.26		<0.5	7.55	6	2250	2.1	<2	4.01	<0.5	14	79	15	4.16
Y20409		4.08	0.98		<0.5	7.42	<5	1290	2.4	<2	3.53	<0.5	16	41	56	4.20

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: 24-FEB-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11021495

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
Y20370		20	2.64	60	3.01	1550	<1	3.27	103	2320	28	0.33	<5	16	2910	<10
Y20371		20	2.19	60	3.05	1380	2	3.27	104	2270	24	0.85	<5	15	3150	<10
Y20372		20	3.35	80	2.14	1465	1	3.53	55	2360	27	0.98	<5	14	2080	<10
Y20373		20	4.73	70	1.73	1060	<1	2.32	41	1980	26	0.51	<5	10	3320	<10
Y20374		20	4.55	80	1.70	1240	2	3.17	25	2010	24	0.32	<5	11	2430	<10
Y20375		20	4.19	70	1.70	1300	1	2.13	29	1850	17	0.29	<5	11	1590	<10
Y20376		20	4.70	80	1.75	1235	<1	1.69	28	2180	16	0.38	<5	12	1080	<10
Y20377		20	4.63	100	1.92	1700	2	2.50	23	2480	21	0.63	<5	14	1170	<10
Y20378		20	4.00	110	2.15	1780	15	2.15	20	2550	25	0.81	<5	15	1070	<10
Y20379		20	4.46	110	1.93	1555	<1	2.06	18	3060	23	0.73	<5	16	1150	<10
Y20380		20	3.06	90	2.03	1830	49	2.48	19	2610	158	3.72	<5	15	1570	10
Y20381		20	3.66	10	1.97	542	<1	3.78	76	1250	83	3.12	<5	6	390	<10
Y20382		20	3.61	90	2.11	1720	37	1.49	14	2460	52	2.19	<5	13	1830	<10
Y20383		20	4.35	100	1.77	1615	1	2.16	18	2750	38	2.20	<5	14	1520	<10
Y20384		20	4.18	110	1.74	1575	<1	2.55	13	2490	34	1.38	<5	12	1730	<10
Y20385		20	2.62	50	1.29	1185	2	4.21	15	1360	29	1.55	<5	8	1180	<10
Y20386		20	3.62	70	1.44	1475	1	3.73	11	2210	21	0.84	<5	11	1560	<10
Y20387		20	3.53	90	1.93	1640	<1	2.99	14	2750	38	3.27	<5	15	1790	<10
Y20388		20	3.35	90	1.72	1525	1	3.05	13	2690	35	3.72	<5	14	1530	<10
Y20389		20	4.35	90	1.79	1350	<1	2.18	14	2420	24	0.96	<5	14	1400	<10
Y20390		20	4.33	90	1.86	1410	<1	2.31	17	2520	29	0.55	<5	15	2330	<10
Y20391		20	3.88	80	1.69	1345	<1	2.75	15	2310	30	1.07	<5	14	2100	<10
Y20392		20	4.05	70	1.83	1445	1	3.07	17	2200	24	0.56	<5	14	2020	<10
Y20393		20	4.29	70	1.49	1275	<1	2.88	15	1970	24	0.58	<5	13	1360	<10
Y20394		20	4.35	70	1.47	1075	<1	2.90	16	1980	16	0.42	<5	12	1110	<10
Y20395		20	3.73	70	1.46	1065	<1	3.00	15	1810	31	1.54	<5	12	1620	<10
Y20396		20	3.67	70	1.48	1025	<1	3.08	15	1810	22	0.51	<5	12	1980	<10
Y20397		20	3.43	60	1.50	1095	<1	3.12	14	1630	26	0.84	<5	11	1440	<10
Y20398		10	3.61	70	1.47	1325	<1	3.46	15	1870	28	0.91	<5	12	1930	<10
Y20399		20	3.91	60	1.59	1190	<1	3.22	20	1740	21	1.27	<5	12	1540	<10
Y20400		20	3.33	60	1.51	1160	<1	3.42	21	1770	16	2.24	<5	11	1360	<10
Y20401		<10	0.79	190	1.40	328	3	0.19	59	1040	6	1.7	7	4	2140	<10
Y20402		20	2.13	50	1.33	1105	<1	3.76	18	1530	48	3.42	<5	10	1100	<10
Y20403		20	2.98	60	1.37	1050	<1	3.91	16	1620	22	2.95	<5	10	1310	<10
Y20404		20	2.24	50	1.37	1035	1	3.54	20	1630	19	2.93	<5	11	1020	<10
Y20405		20	2.26	50	1.71	1190	<1	3.85	27	2000	19	2.77	<5	12	1080	<10
Y20406		20	2.21	50	1.63	962	<1	3.05	27	1830	35	2.29	<5	11	1100	<10
Y20407		20	3.43	40	1.44	872	<1	3.73	29	1520	14	0.33	<5	10	905	<10
Y20408		20	3.36	50	1.57	930	<1	3.78	31	1760	15	0.28	<5	12	746	<10
Y20409		20	3.56	60	1.16	1200	<1	3.63	20	1780	21	1.75	<5	11	964	<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: 24-FEB-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11021495

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
Y20370		0.25	<10	<10	132	<10	139
Y20371		0.23	<10	<10	126	<10	136
Y20372		0.26	<10	<10	130	<10	83
Y20373		0.23	<10	<10	94	10	131
Y20374		0.24	<10	<10	117	<10	83
Y20375		0.24	<10	<10	121	10	84
Y20376		0.26	<10	<10	131	10	103
Y20377		0.27	<10	<10	157	10	97
Y20378		0.24	<10	<10	158	10	117
Y20379		0.25	<10	<10	164	10	136
Y20380		0.18	<10	<10	144	10	109
Y20381		0.62	<10	10	77	<10	60
Y20382		0.20	<10	<10	146	10	143
Y20383		0.27	<10	<10	180	10	101
Y20384		0.24	<10	<10	151	10	89
Y20385		0.15	<10	10	93	10	66
Y20386		0.27	<10	<10	144	10	54
Y20387		0.30	<10	<10	164	20	85
Y20388		0.27	<10	<10	134	30	85
Y20389		0.26	<10	<10	165	10	89
Y20390		0.30	<10	<10	163	10	70
Y20391		0.28	<10	<10	146	10	62
Y20392		0.28	<10	<10	152	10	63
Y20393		0.27	<10	<10	136	20	66
Y20394		0.24	<10	<10	110	20	70
Y20395		0.24	<10	<10	114	10	50
Y20396		0.21	<10	<10	127	10	36
Y20397		0.22	<10	<10	118	10	47
Y20398		0.22	<10	<10	123	10	56
Y20399		0.23	<10	<10	128	20	63
Y20400		0.26	<10	<10	119	30	58
Y20401		0.16	<10	<10	99	<10	402
Y20402		0.14	<10	<10	97	30	60
Y20403		0.19	<10	<10	106	30	62
Y20404		0.16	<10	<10	145	20	63
Y20405		0.17	<10	10	175	20	66
Y20406		0.12	<10	<10	159	20	61
Y20407		0.17	<10	10	101	10	48
Y20408		0.19	<10	<10	106	10	62
Y20409		0.18	<10	<10	105	10	61

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: 24-FEB-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11021495

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
Y20410		4.24	0.26		<0.5	6.49	15	790	1.9	2	3.80	<0.5	16	25	52	3.72
Y20411		3.29	0.73		<0.5	7.09	16	1800	1.6	2	3.33	<0.5	16	24	40	3.78
Y20412		3.69	1.30		<0.5	7.43	12	2420	1.7	<2	3.46	<0.5	14	26	60	4.03
Y20413		4.03	0.67		<0.5	6.83	14	2140	1.8	2	3.18	<0.5	14	29	30	3.85
Y20414		4.60	0.83		<0.5	6.81	13	940	1.7	7	2.62	<0.5	12	19	93	3.50
Y20415		3.24	0.21		<0.5	6.04	6	310	1.3	2	1.83	<0.5	11	17	13	2.84
Y20416		4.87	0.30		<0.5	7.00	10	340	1.8	2	2.25	0.5	12	19	29	3.48
Y20417		2.87	0.51		<0.5	7.00	42	290	1.4	2	2.36	0.5	16	25	42	3.69
Y20418		4.04	0.20		<0.5	6.76	53	710	1.7	3	3.10	<0.5	14	17	28	3.45
Y20419		3.99	0.83		<0.5	7.05	29	1320	1.4	<2	3.07	<0.5	12	26	18	3.35
Y20420		3.28	0.18		<0.5	6.65	13	640	2.1	3	2.74	<0.5	11	21	17	3.15
Y20421		0.11	4.97		<0.5	7.10	25	190	2.3	3	1.68	<0.5	15	51	24	5.50
Y20422		4.04	0.15		<0.5	7.53	<5	2310	3.7	2	5.80	<0.5	13	59	46	4.52
Y20423		4.09	0.01		<0.5	7.19	<5	2590	3.2	2	4.56	<0.5	11	46	189	4.56
Y20424		3.70	0.03		<0.5	7.50	9	2800	3.6	3	4.46	<0.5	19	60	32	4.32
Y20425		3.95	0.01		<0.5	7.23	<5	2900	3.9	<2	4.26	<0.5	14	41	15	4.64
Y20426		4.72	0.01		<0.5	7.23	5	2520	3.7	<2	4.14	<0.5	15	44	38	4.36
Y20427		3.74	0.01		<0.5	7.25	<5	2960	3.5	<2	4.24	<0.5	17	50	76	4.63
Y20428		3.93	0.04		<0.5	7.32	5	2720	3.7	3	4.47	<0.5	17	48	49	4.29
Y20429		3.79	0.05		<0.5	7.50	13	2290	3.3	4	4.01	<0.5	26	51	49	4.82
Y20430		2.95	0.16		19.8	7.03	15	810	3.9	164	5.20	0.6	40	47	166	5.27
Y20431		4.47	0.01		<0.5	7.51	<5	1870	3.6	<2	3.02	<0.5	9	18	21	2.81
Y20432		2.77	0.02		<0.5	7.50	<5	2960	3.6	4	2.33	<0.5	8	17	7	2.80
Y20433		2.26	0.02		<0.5	7.74	6	1670	3.7	2	2.64	<0.5	9	22	33	2.99
Y20434		3.62	0.01		<0.5	7.35	<5	2440	3.5	<2	5.20	<0.5	15	92	58	4.39
Y20435		2.88	0.01		<0.5	7.25	<5	1920	3.7	<2	5.40	<0.5	14	201	82	4.59
Y20436		3.86	0.02		<0.5	7.38	<5	1820	3.8	3	4.17	<0.5	20	78	40	4.21
Y20437		3.18	0.04		<0.5	6.93	<5	1530	3.3	2	5.09	<0.5	13	48	43	4.25
Y20438		4.12	0.05		<0.5	7.07	6	2870	1.9	3	4.62	0.5	16	43	26	4.49
Y20439		4.29	0.07		<0.5	5.60	18	550	3.2	3	9.32	0.8	65	903	96	6.63
Y20440		3.31	0.02		<0.5	4.59	8	120	1.2	3	13.30	<0.5	41	925	73	5.90
Y20441		<0.02	0.02		<0.5	4.44	10	110	1.2	2	12.95	0.5	38	909	82	5.75
Y20442		4.35	0.05		<0.5	5.19	22	110	1.4	2	12.20	<0.5	61	873	89	6.68
Y20443		3.48	0.03		<0.5	5.23	17	420	1.2	<2	13.6	<0.5	59	641	40	5.94
Y20444		3.11	0.02		<0.5	6.66	23	440	4.7	<2	9.36	<0.5	56	805	30	5.97
Y20445		4.83	0.02		0.8	5.14	28	230	3.6	5	11.05	<0.5	70	950	44	5.46
Y20446		3.33	0.02		<0.5	4.14	28	1060	4.0	2	10.30	0.6	102	1360	56	6.32
Y20447		3.81	0.11		<0.5	6.52	11	680	4.1	4	6.77	<0.5	23	67	26	4.91
Y20448		3.98	0.14		<0.5	6.51	10	1130	3.4	<2	5.51	0.5	28	137	14	4.58
Y20449		3.88	0.07		<0.5	6.84	10	1440	4.0	<2	5.04	<0.5	36	241	24	4.79

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: 24-FEB-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11021495

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
Y20410		20	2.74	60	1.43	1250	17	3.67	17	1440	24	1.84	<5	10	1120	<10
Y20411		10	3.47	60	1.17	962	1	3.57	16	1500	22	1.52	<5	10	1020	<10
Y20412		20	4.01	60	1.23	1030	<1	3.54	19	1630	19	1.37	<5	11	1120	<10
Y20413		20	3.91	40	1.07	877	2	3.33	19	1520	17	1.19	<5	9	803	<10
Y20414		20	3.19	40	0.95	850	2	3.90	14	1360	30	2.06	<5	7	783	<10
Y20415		10	1.26	40	0.54	524	6	3.92	13	1420	16	2.11	<5	5	580	<10
Y20416		20	1.65	40	0.84	752	15	4.85	14	1260	31	2.76	<5	8	770	<10
Y20417		20	2.55	40	0.79	761	4	4.16	16	1330	35	2.98	<5	8	753	<10
Y20418		20	3.32	40	1.03	1020	1	3.82	13	1230	19	2.24	<5	8	905	<10
Y20419		20	3.62	40	1.10	1030	1	4.00	13	1280	17	1.66	<5	8	1020	<10
Y20420		20	2.40	40	1.02	925	4	4.11	11	1080	16	1.91	<5	8	1120	<10
Y20421		20	2.24	10	1.30	388	<1	3.76	48	1180	73	3.70	<5	4	265	<10
Y20422		20	4.24	80	2.05	1285	<1	1.88	37	1850	14	0.48	<5	11	1190	<10
Y20423		20	4.56	70	1.61	1295	<1	2.46	21	1970	20	0.25	5	11	1360	<10
Y20424		20	4.46	80	1.64	1280	1	2.57	25	2020	20	0.87	8	12	1310	<10
Y20425		20	4.67	80	1.68	1210	<1	1.99	22	1960	18	0.11	<5	11	1230	<10
Y20426		20	4.75	80	1.60	1180	<1	2.05	22	1950	19	0.17	5	11	1150	<10
Y20427		20	4.52	80	1.66	1225	<1	2.11	30	1940	18	0.21	<5	11	1100	<10
Y20428		20	4.63	70	1.60	1180	1	2.15	29	2010	16	0.51	<5	11	1030	<10
Y20429		20	3.57	90	1.45	1190	1	3.03	28	2020	11	1.23	<5	12	887	<10
Y20430		20	2.89	140	1.89	1785	13	2.64	34	1780	255	1.88	<5	11	1180	10
Y20431		30	4.24	40	1.16	758	<1	3.82	8	1230	28	0.06	5	5	1280	<10
Y20432		30	4.33	40	0.98	664	<1	3.28	11	1050	24	0.11	7	5	1630	<10
Y20433		30	4.50	40	1.02	762	<1	3.49	12	1310	25	0.05	5	6	1080	<10
Y20434		20	4.41	90	2.00	1450	1	2.13	55	1910	27	0.19	5	12	1100	<10
Y20435		20	4.35	80	2.15	1560	<1	1.90	92	1800	21	0.06	<5	13	976	<10
Y20436		20	3.55	70	1.67	1285	<1	2.79	44	1930	15	0.41	<5	12	921	<10
Y20437		20	2.86	80	2.07	1525	<1	2.98	35	1720	16	0.17	6	10	1010	<10
Y20438		20	2.22	60	1.74	1580	<1	4.40	52	1940	21	0.53	5	10	1320	<10
Y20439		10	2.10	20	4.09	4040	2	1.45	632	1110	49	1.13	<5	27	886	<10
Y20440		10	0.91	<10	2.97	4740	1	2.13	783	160	36	0.36	<5	23	981	<10
Y20441		10	0.85	<10	2.88	4610	1	2.06	756	150	35	0.34	<5	23	969	<10
Y20442		10	0.75	<10	2.95	4000	1	2.27	664	160	35	0.82	<5	27	1000	<10
Y20443		10	0.86	<10	2.88	3640	<1	1.89	493	170	32	0.45	5	26	1700	<10
Y20444		20	2.54	<10	3.35	3630	<1	1.33	614	210	27	0.10	<5	35	1030	<10
Y20445		10	1.52	<10	4.13	3890	<1	1.22	872	170	138	0.21	<5	27	939	<10
Y20446		10	2.42	20	3.85	4840	3	0.10	1175	270	29	0.40	<5	22	1290	<10
Y20447		20	2.46	90	3.03	1935	1	2.16	108	1820	45	1.70	5	11	1650	<10
Y20448		20	2.22	80	2.39	1865	<1	2.66	130	1590	26	1.78	<5	12	1620	<10
Y20449		20	2.47	80	2.38	1715	<1	2.40	213	1640	16	1.10	<5	14	1400	<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: 24-FEB-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11021495

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
Y20410		0.15	<10	<10	110	10	63
Y20411		0.21	<10	<10	99	20	47
Y20412		0.20	<10	<10	99	20	51
Y20413		0.16	<10	<10	114	10	51
Y20414		0.15	<10	10	78	20	44
Y20415		0.11	<10	<10	51	20	27
Y20416		0.13	<10	10	80	20	50
Y20417		0.12	<10	10	87	10	44
Y20418		0.10	<10	10	88	10	44
Y20419		0.13	<10	20	75	10	38
Y20420		0.11	<10	20	82	10	41
Y20421		0.40	10	20	50	<10	49
Y20422		0.21	<10	<10	119	<10	93
Y20423		0.23	<10	<10	129	<10	67
Y20424		0.24	<10	<10	129	<10	82
Y20425		0.22	<10	<10	124	<10	83
Y20426		0.24	<10	<10	124	<10	76
Y20427		0.25	<10	<10	127	<10	90
Y20428		0.25	<10	<10	124	10	94
Y20429		0.19	<10	10	133	10	77
Y20430		0.16	<10	10	121	10	149
Y20431		0.22	<10	20	70	10	57
Y20432		0.19	<10	20	66	10	57
Y20433		0.21	<10	10	77	10	61
Y20434		0.23	<10	<10	128	10	114
Y20435		0.23	<10	<10	133	<10	145
Y20436		0.21	<10	10	124	10	104
Y20437		0.16	<10	10	125	10	99
Y20438		0.18	<10	20	107	10	87
Y20439		0.18	<10	10	192	10	375
Y20440		0.19	<10	10	155	30	351
Y20441		0.19	<10	10	151	20	344
Y20442		0.21	<10	10	177	20	382
Y20443		0.24	<10	10	168	30	348
Y20444		0.30	<10	10	228	20	318
Y20445		0.22	<10	10	181	10	367
Y20446		0.14	<10	<10	145	<10	350
Y20447		0.14	<10	<10	127	10	131
Y20448		0.15	<10	10	121	10	136
Y20449		0.18	<10	<10	128	10	138

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: 24-FEB-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11021495

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
Y20450		3.65	0.72		<0.5	6.07	20	970	2.8	<2	6.46	<0.5	55	555	90	4.91
Y20451		2.44	0.32		<0.5	5.67	16	650	3.5	3	7.96	<0.5	64	902	52	6.26
Y20452		2.80	0.08		<0.5	4.89	<5	650	4.5	<2	7.87	0.5	43	992	13	7.12
Y20453		4.30	0.06		<0.5	5.32	8	920	5.1	<2	8.24	0.5	90	1320	22	7.33
Y20454		2.43	0.05		<0.5	4.60	5	1250	2.4	<2	9.13	0.6	69	1080	4	6.53
Y20455		3.64	0.03		<0.5	5.20	7	490	4.8	<2	8.22	<0.5	55	1080	19	6.23
Y20456		4.54	0.02		<0.5	5.20	16	330	3.8	2	8.07	<0.5	55	1070	46	6.87
Y20457		3.95	0.08		<0.5	4.95	24	370	2.0	<2	9.48	<0.5	66	1020	19	7.54
Y20458		3.93	0.02		<0.5	4.81	26	1030	1.7	<2	10.50	<0.5	81	1450	65	7.84
Y20459		4.09	0.02		<0.5	4.77	23	300	4.6	<2	9.57	<0.5	57	1320	51	6.28
Y20460		3.81	0.02		<0.5	4.58	14	760	2.1	<2	10.10	<0.5	66	1150	34	6.53
Y20461		0.11	1.35		0.5	7.40	24	180	3.2	<2	2.43	<0.5	19	69	30	5.76
Y20462		3.84	0.03		<0.5	4.22	21	100	1.7	<2	9.44	<0.5	63	1030	42	6.58
Y20463		3.89	0.02		<0.5	5.20	28	140	2.6	<2	8.87	<0.5	70	1080	44	6.55
Y20464		4.25	0.02		0.8	4.56	26	530	1.7	<2	9.91	<0.5	66	1310	46	6.78
Y20465		3.48	0.03		<0.5	4.60	25	100	2.8	<2	9.84	<0.5	69	1510	43	6.30
Y20466		3.99	0.01		<0.5	5.00	19	70	1.3	<2	11.05	<0.5	48	985	26	6.21
Y20467		4.44	0.02		<0.5	4.66	56	60	0.7	<2	10.50	<0.5	108	1490	83	9.06
Y20468		3.93	0.02		<0.5	5.13	27	90	0.7	2	8.65	<0.5	80	1270	64	7.59
Y20469		3.87	0.02		<0.5	5.81	21	90	1.4	<2	9.39	<0.5	64	1130	56	6.76
Y20470		4.03	0.03		<0.5	5.69	37	80	2.6	<2	8.27	<0.5	89	1100	146	6.46
Y20471		3.56	0.02		<0.5	5.64	28	140	1.8	<2	8.94	<0.5	99	1110	144	6.69
Y20472		5.16	0.06		<0.5	4.83	48	200	1.9	<2	11.45	<0.5	100	1120	140	7.29

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: 24-FEB-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11021495

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
Y20450		10	1.89	50	2.94	2140	2	2.46	403	1120	21	0.49	<5	17	1330	<10
Y20451		10	2.32	20	3.47	3060	1	1.61	659	690	20	0.62	6	22	1130	<10
Y20452		10	2.59	20	3.62	3840	<1	0.63	598	490	13	0.24	<5	21	1040	<10
Y20453		10	2.92	10	3.57	3860	1	0.58	816	200	10	0.19	<5	29	865	<10
Y20454		10	1.44	10	3.22	4690	<1	1.77	685	130	11	0.11	<5	25	912	<10
Y20455		10	2.79	10	3.57	3760	<1	0.43	536	240	13	0.14	<5	27	513	<10
Y20456		10	2.08	10	3.63	3440	1	1.11	700	180	15	0.41	<5	28	529	<10
Y20457		10	0.47	10	4.08	3130	1	1.38	874	160	13	0.64	5	27	847	<10
Y20458		10	0.85	10	3.44	3110	2	1.37	1245	140	15	0.99	5	26	1815	<10
Y20459		10	1.98	10	3.67	3480	<1	1.26	808	140	11	0.37	<5	26	400	<10
Y20460		10	1.05	10	3.88	3540	<1	1.43	830	140	10	0.39	5	25	1555	<10
Y20461		20	3.29	20	1.81	488	<1	3.38	71	1120	78	3.04	<5	6	334	<10
Y20462		10	1.11	10	5.47	2840	2	1.06	732	130	14	0.62	<5	23	402	<10
Y20463		10	1.08	10	5.18	2550	3	2.03	680	140	21	1.03	<5	28	427	<10
Y20464		10	1.45	10	4.26	3030	2	1.14	993	150	51	1.55	<5	25	4100	<10
Y20465		10	1.41	10	3.85	2910	4	1.22	1045	180	27	1.61	<5	25	520	<10
Y20466		10	0.98	10	3.38	3080	1	2.19	724	150	11	0.80	6	28	497	<10
Y20467		10	0.77	10	4.02	3320	2	2.18	1265	140	16	2.24	13	27	484	<10
Y20468		10	1.06	10	4.16	2920	4	2.14	924	150	30	1.46	5	29	468	<10
Y20469		10	1.29	10	3.46	2850	1	2.25	732	170	13	1.00	5	32	510	<10
Y20470		10	0.89	10	3.39	2530	2	2.26	669	130	14	1.68	<5	31	493	<10
Y20471		10	1.08	10	2.90	2540	2	2.51	688	180	29	1.63	6	30	722	<10
Y20472		10	1.01	10	2.59	2540	6	2.08	833	150	26	1.65	5	27	829	<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: 24-FEB-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11021495

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
Y20450		0.17	<10	10	129	10	205
Y20451		0.17	<10	10	151	10	262
Y20452		0.14	<10	<10	147	10	259
Y20453		0.15	<10	<10	181	10	378
Y20454		0.13	<10	10	155	10	355
Y20455		0.14	<10	<10	171	10	283
Y20456		0.16	<10	<10	170	10	293
Y20457		0.11	<10	10	160	<10	480
Y20458		0.15	<10	<10	165	10	464
Y20459		0.18	<10	<10	156	10	337
Y20460		0.12	<10	<10	154	<10	342
Y20461		0.56	<10	10	70	<10	56
Y20462		0.19	<10	<10	146	<10	162
Y20463		0.20	<10	10	173	<10	139
Y20464		0.21	<10	<10	151	<10	230
Y20465		0.22	<10	<10	159	10	214
Y20466		0.27	<10	10	176	10	118
Y20467		0.24	<10	10	164	10	155
Y20468		0.27	<10	10	181	<10	147
Y20469		0.30	<10	10	202	<10	155
Y20470		0.21	<10	10	185	10	136
Y20471		0.24	<10	10	189	<10	164
Y20472		0.21	<10	10	168	<10	171