ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **NORTHGATE MINERALS - YOUNG DAVIDSON MINE**
PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 7-MAR-2011
Account: NORTEX

CERTIFICATE TM11024084

Project: 1916

P.O. No.:

This report is for 89 Drill Core samples submitted to our lab in Timmins, ON, Canada on 15-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: 7-MAR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11024084

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
M63251		3.41	0.03		1.4	6.22	12	550	1.2	3	3.67	<0.5	20	127	747	3.81
M63252		4.27	0.01		0.5	6.35	11	550	1.2	<2	2.60	<0.5	18	111	199	3.53
M63253		4.51	<0.01		<0.5	6.47	8	560	1.2	<2	2.67	<0.5	21	153	65	3.88
M63254		3.83	<0.01		0.5	6.94	<5	810	1.5	<2	2.98	<0.5	16	93	58	3.51
M63255		3.79	<0.01	93.9	<0.5	6.66	10	940	1.7	<2	3.19	<0.5	17	107	30	3.53
M63256		3.86	0.02		<0.5	6.68	12	640	1.5	<2	3.58	<0.5	21	150	21	3.33
M63257		3.83	0.01		0.6	6.39	10	470	1.2	<2	4.19	<0.5	15	103	110	3.01
M63258		4.32	0.03		<0.5	6.89	9	300	0.9	<2	4.27	<0.5	23	148	117	4.56
M63259		3.98	0.05		0.6	6.00	5	320	1.0	2	6.01	<0.5	79	803	341	7.17
M63260		3.03	0.14		<0.5	6.10	16	470	1.0	<2	6.46	<0.5	56	561	132	5.95
M63261		0.10	5.79		0.8	7.07	27	180	2.2	<2	1.67	<0.5	15	49	26	5.47
M63262		4.01	0.02		<0.5	5.74	7	290	0.7	<2	8.30	<0.5	33	92	35	5.55
M63263		4.70	<0.01		<0.5	4.28	7	50	0.8	<2	11.90	<0.5	54	1065	52	5.91
M63264		3.90	0.01		<0.5	4.29	10	30	0.9	<2	9.62	<0.5	47	906	20	6.12
M63265		4.22	0.01		<0.5	5.02	12	80	0.8	<2	8.24	<0.5	43	590	12	5.25
M63266		2.73	0.10		<0.5	4.32	92	40	0.8	<2	9.61	<0.5	68	1230	75	6.88
M63267		4.27	<0.01		<0.5	6.93	11	400	0.6	<2	3.85	<0.5	43	78	128	8.74
M63268		4.41	<0.01		<0.5	7.49	7	430	0.5	<2	5.22	<0.5	45	72	143	9.17
M63269		3.67	<0.01		<0.5	7.50	13	340	0.6	<2	5.25	<0.5	46	71	143	9.32
M63270		1.22	<0.01		0.5	6.97	28	200	<0.5	<2	5.63	<0.5	44	69	160	8.69
M63271		3.67	<0.01		<0.5	3.92	34	20	<0.5	<2	5.29	<0.5	73	1180	37	6.86
M63272		4.19	<0.01		<0.5	3.09	<5	10	<0.5	2	5.30	<0.5	75	1470	51	6.66
M63273		3.37	<0.01		<0.5	3.52	<5	30	<0.5	<2	5.98	<0.5	72	1250	41	6.57
M63274		3.36	<0.01		<0.5	3.53	<5	120	<0.5	<2	3.66	<0.5	79	1420	39	6.75
M63275		3.87	<0.01		<0.5	3.91	<5	1290	<0.5	3	4.77	<0.5	67	1310	44	6.64
M63276		3.95	<0.01		<0.5	3.36	<5	270	<0.5	<2	4.87	<0.5	68	1260	45	6.32
M63277		4.00	<0.01		<0.5	3.04	<5	100	<0.5	<2	4.17	<0.5	77	1260	40	6.32
M63278		3.44	<0.01		<0.5	3.07	<5	150	<0.5	<2	4.86	<0.5	76	1380	37	6.35
M63279		4.32	<0.01		<0.5	3.24	<5	1420	<0.5	4	6.98	<0.5	67	1270	18	6.29
M63280		3.34	<0.01		<0.5	2.86	<5	290	<0.5	2	4.31	<0.5	77	1260	43	6.08
M63281		<0.02	<0.01		<0.5	3.08	<5	260	<0.5	<2	4.35	<0.5	80	1300	49	6.43
M63282		3.65	<0.01		<0.5	3.17	<5	610	<0.5	<2	4.92	<0.5	80	1310	35	6.63
M63283		3.63	<0.01		0.5	3.24	<5	1310	<0.5	<2	5.05	<0.5	83	1490	47	6.89
M63284		3.97	<0.01		<0.5	3.48	<5	660	<0.5	<2	3.57	<0.5	84	1480	37	7.12
M63285		3.29	<0.01		<0.5	3.63	<5	440	<0.5	<2	3.94	<0.5	89	1580	44	7.44
M63286		4.13	<0.01		<0.5	2.92	<5	70	<0.5	<2	5.10	<0.5	76	1250	36	6.41
M63287		3.45	<0.01		<0.5	2.62	<5	80	<0.5	3	4.15	<0.5	83	1600	63	6.92
M63288		3.87	<0.01		0.7	2.63	6	30	<0.5	<2	3.31	<0.5	92	1400	40	6.29
M63289		4.43	<0.01		0.5	2.68	<5	80	<0.5	<2	4.91	<0.5	84	1240	33	6.04
M63290		3.48	0.16	84.3	<0.5	2.04	<5	160	<0.5	<2	5.68	<0.5	66	959	12	5.25

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **NORTHGATE MINERALS - YOUNG DAVIDSON MINE**
PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 7-MAR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11024084

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
M63251		10	2.20	30	1.48	728	<1	1.61	57	940	24	0.42	<5	14	417	<10
M63252		10	2.14	20	1.33	635	<1	2.07	60	630	13	0.32	<5	12	448	<10
M63253		20	1.86	20	1.69	802	<1	2.27	72	610	8	0.27	<5	13	502	<10
M63254		20	1.84	50	1.36	643	<1	2.78	54	1270	7	0.25	<5	11	506	<10
M63255		20	2.40	30	1.20	569	<1	2.23	58	1080	9	0.31	<5	11	385	<10
M63256		20	2.47	20	1.10	536	4	1.80	63	600	6	0.53	<5	12	334	<10
M63257		10	2.25	20	1.10	586	<1	1.58	55	580	5	0.24	<5	11	336	<10
M63258		10	1.04	30	2.05	653	1	3.02	63	1030	11	0.36	<5	14	397	<10
M63259		10	1.10	30	3.32	1920	<1	1.97	811	1090	4	0.46	<5	23	647	<10
M63260		10	1.29	20	2.37	1425	<1	1.92	471	820	2	0.72	<5	26	406	<10
M63261		20	2.26	10	1.30	375	1	3.80	54	1120	73	3.56	<5	4	257	<10
M63262		10	0.47	30	3.28	1250	<1	1.76	82	1010	4	0.50	<5	19	333	<10
M63263		10	0.06	10	5.80	1670	<1	0.03	754	400	2	0.14	<5	20	336	<10
M63264		10	0.05	10	5.61	1510	<1	0.08	705	610	6	0.26	<5	17	290	<10
M63265		10	0.14	20	5.11	1410	<1	1.38	500	660	4	0.32	<5	19	314	<10
M63266		10	0.14	10	8.90	1720	<1	0.06	901	150	5	0.09	<5	22	259	<10
M63267		10	1.07	10	4.07	1410	<1	1.81	74	490	11	0.14	<5	32	224	<10
M63268		20	1.41	10	3.76	1560	<1	1.75	73	510	9	0.12	<5	34	315	<10
M63269		20	1.44	10	3.74	1450	<1	1.62	75	520	14	0.12	<5	35	274	<10
M63270		20	0.68	10	4.25	1485	1	1.82	82	490	22	0.14	<5	33	251	10
M63271		<10	0.11	10	13.45	1165	<1	0.11	993	120	6	0.04	<5	22	221	<10
M63272		<10	0.09	10	13.60	1195	<1	0.01	1055	90	5	0.03	<5	16	210	<10
M63273		<10	0.04	10	13.25	1225	<1	0.02	998	100	4	0.07	<5	21	274	<10
M63274		<10	0.03	10	14.45	1050	<1	0.01	1090	100	7	0.09	<5	18	161	<10
M63275		10	0.11	10	12.60	1125	<1	0.03	836	100	6	0.08	<5	23	279	<10
M63276		10	0.06	10	13.55	1195	<1	0.01	998	100	5	0.02	<5	19	216	<10
M63277		<10	0.03	10	14.45	1245	<1	0.01	1205	80	4	0.03	<5	18	169	<10
M63278		10	0.03	10	14.45	1460	<1	0.01	1195	70	5	0.03	<5	19	220	<10
M63279		<10	0.26	10	12.65	1380	<1	0.03	968	80	10	0.07	<5	20	465	<10
M63280		<10	0.04	10	14.45	1180	<1	0.01	1205	60	6	0.03	<5	18	226	<10
M63281		<10	0.04	10	15.20	1195	<1	0.01	1275	60	5	0.03	<5	19	228	<10
M63282		<10	0.08	10	15.30	1390	<1	0.02	1280	60	3	0.02	<5	20	302	10
M63283		<10	0.04	10	16.00	1480	<1	0.04	1320	70	6	0.05	<5	19	411	<10
M63284		<10	0.01	10	15.45	1125	<1	0.02	1235	90	<2	0.03	<5	21	246	10
M63285		<10	0.01	10	15.00	1170	<1	0.01	1260	100	3	0.02	<5	22	220	10
M63286		<10	0.01	10	15.20	1435	<1	0.01	1225	80	3	0.01	<5	18	270	<10
M63287		<10	0.01	10	16.25	1120	<1	0.01	1255	90	3	0.05	<5	13	246	<10
M63288		<10	<0.01	10	16.45	781	<1	0.01	1475	70	4	0.17	<5	16	202	<10
M63289		<10	<0.01	10	17.00	1115	1	0.01	1440	60	5	0.19	<5	17	317	<10
M63290		<10	<0.01	10	15.75	1130	<1	0.01	1335	40	5	0.14	<5	13	368	<10

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **NORTHGATE MINERALS - YOUNG DAVIDSON MINE**
PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 7-MAR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11024084

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
M63251		0.18	<10	<10	110	<10	53
M63252		0.19	<10	<10	97	<10	58
M63253		0.16	<10	<10	96	<10	94
M63254		0.20	<10	<10	89	<10	56
M63255		0.21	<10	<10	100	<10	48
M63256		0.20	<10	<10	94	<10	49
M63257		0.17	<10	<10	83	<10	37
M63258		0.20	<10	<10	110	<10	68
M63259		0.21	<10	<10	163	<10	192
M63260		0.20	<10	<10	191	<10	118
M63261		0.39	10	10	49	<10	48
M63262		0.20	<10	<10	118	<10	73
M63263		0.17	<10	<10	136	<10	101
M63264		0.17	<10	<10	122	<10	123
M63265		0.22	<10	<10	120	<10	88
M63266		0.22	<10	<10	138	<10	127
M63267		0.58	<10	<10	256	<10	102
M63268		0.60	<10	<10	258	<10	109
M63269		0.62	<10	<10	271	<10	109
M63270		0.60	<10	<10	258	<10	87
M63271		0.16	<10	<10	143	<10	68
M63272		0.09	<10	<10	134	<10	60
M63273		0.09	<10	<10	131	<10	59
M63274		0.09	<10	<10	129	<10	63
M63275		0.18	<10	<10	142	<10	60
M63276		0.09	<10	<10	117	<10	56
M63277		0.05	<10	<10	113	<10	60
M63278		0.05	<10	<10	112	<10	53
M63279		0.14	<10	<10	123	<10	44
M63280		0.07	<10	<10	105	<10	49
M63281		0.07	<10	<10	110	<10	53
M63282		0.11	<10	<10	119	<10	49
M63283		0.09	<10	<10	122	<10	51
M63284		0.02	<10	<10	129	<10	48
M63285		0.02	<10	<10	138	<10	52
M63286		0.03	<10	<10	107	<10	56
M63287		0.03	<10	<10	127	<10	62
M63288		0.01	<10	<10	105	<10	72
M63289		0.02	<10	<10	99	<10	75
M63290		0.02	<10	<10	78	<10	39

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **NORTHGATE MINERALS - YOUNG DAVIDSON MINE**
PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 7-MAR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11024084

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
M63291		3.84	0.06		<0.5	1.84	7	130	<0.5	<2	5.34	<0.5	74	789	18	5.02
M63292		3.75	0.03		<0.5	2.17	<5	660	<0.5	<2	6.57	<0.5	72	820	28	5.19
M63293		3.84	<0.01		<0.5	3.40	<5	1650	<0.5	<2	3.79	<0.5	84	1140	40	6.81
M63294		3.98	<0.01		<0.5	3.34	<5	60	<0.5	<2	4.25	<0.5	80	1170	36	6.90
M63295		4.32	<0.01		<0.5	3.30	<5	70	<0.5	<2	7.84	<0.5	75	990	50	5.95
M63296		4.46	<0.01	91.0	<0.5	6.94	<5	170	0.7	<2	4.31	<0.5	26	329	22	4.83
M63297		4.14	0.01		<0.5	7.39	9	420	0.9	<2	3.10	<0.5	26	161	28	4.34
M63298		3.93	0.01		<0.5	6.98	6	360	0.9	<2	3.08	<0.5	24	159	33	3.77
M63299		3.40	<0.01		<0.5	7.13	7	640	1.1	<2	2.32	<0.5	23	146	75	3.83
M63300		3.21	0.01		<0.5	7.29	26	560	1.0	<2	2.65	<0.5	21	200	43	4.12
M63301		0.11	1.31		0.5	8.23	19	160	3.4	<2	2.66	<0.5	22	69	33	6.07
M63302		3.95	<0.01		<0.5	7.44	31	560	1.1	<2	2.19	<0.5	16	116	40	3.15
M63303		4.19	<0.01		<0.5	6.72	33	470	0.9	<2	4.37	<0.5	20	120	47	3.68
M63304		3.38	<0.01		<0.5	6.80	42	530	1.0	<2	2.27	<0.5	16	111	47	3.03
M63305		3.52	<0.01		<0.5	6.92	76	590	1.0	<2	3.69	<0.5	28	175	52	3.59
M63306		3.91	<0.01		<0.5	6.60	38	500	0.9	<2	2.62	<0.5	21	157	51	3.77
M63307		3.60	<0.01		<0.5	7.05	55	560	1.0	<2	2.77	<0.5	25	142	49	3.64
M63308		4.08	<0.01		<0.5	6.65	38	490	0.9	<2	2.82	<0.5	19	121	46	3.74
M63309		3.32	<0.01		<0.5	6.89	41	480	0.9	<2	3.21	<0.5	18	145	57	3.70
M63310		3.58	<0.01		<0.5	6.77	22	500	1.0	<2	3.43	<0.5	19	140	47	3.66
M63311		3.94	0.02		<0.5	6.37	24	470	0.9	<2	4.35	0.5	18	134	71	3.43
M63312		4.21	0.11		0.6	6.99	24	650	1.2	<2	2.92	<0.5	24	162	215	3.91
M63313		3.56	0.27		<0.5	6.90	12	710	1.2	<2	3.87	<0.5	20	144	96	4.00
M63314		3.96	0.06		<0.5	7.52	13	950	1.7	<2	4.25	<0.5	17	177	92	3.84
M63315		4.24	0.04		<0.5	6.74	16	810	1.5	<2	3.76	<0.5	18	156	32	3.69
M63316		3.67	<0.01		<0.5	6.84	29	820	1.5	<2	4.28	<0.5	24	175	60	4.47
M63317		4.08	<0.01		<0.5	6.91	24	770	1.6	<2	3.88	<0.5	20	163	41	4.33
M63318		4.02	<0.01		<0.5	7.14	28	680	1.4	<2	3.74	<0.5	22	166	50	4.34
M63319		3.44	<0.01		<0.5	7.01	22	550	1.3	<2	2.75	<0.5	22	186	47	4.23
M63320		2.59	<0.01		<0.5	7.73	15	610	1.3	<2	2.65	<0.5	19	187	56	4.38
M63321		0.52	<0.01		<0.5	2.78	<5	90	0.5	<2	41.6	<0.5	8	34	94	1.63
M63322		3.12	<0.01		<0.5	6.76	20	540	1.2	<2	3.68	<0.5	20	202	22	4.57
M63323		3.73	<0.01		<0.5	6.67	20	510	1.3	<2	1.96	<0.5	21	179	72	4.28
M63324		3.97	0.01		<0.5	6.96	28	390	1.0	<2	1.31	<0.5	24	210	65	4.86
M63325		3.87	<0.01		<0.5	6.44	21	390	1.1	<2	2.05	<0.5	20	148	47	4.70
M63326		4.15	<0.01		<0.5	6.07	19	560	1.0	<2	1.95	<0.5	18	124	43	3.33
M63327		3.73	0.01		<0.5	7.24	20	950	1.5	<2	1.41	<0.5	21	165	60	3.86
M63328		3.49	<0.01		<0.5	6.81	18	930	1.5	<2	2.15	<0.5	19	163	41	3.96
M63329		3.84	<0.01		0.5	6.92	12	1150	1.5	<2	3.16	<0.5	24	214	45	4.55
M63330		3.88	<0.01	85.5	0.6	7.32	16	1830	1.9	<2	2.35	<0.5	30	296	27	5.28

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **NORTHGATE MINERALS - YOUNG DAVIDSON MINE**
PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 7-MAR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11024084

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
M63291		<10	0.01	<10	16.55	939	<1	0.01	1405	30	4	0.17	<5	13	326	<10
M63292		<10	0.01	<10	15.85	1290	<1	0.01	1245	60	4	0.12	<5	14	444	<10
M63293		<10	0.01	10	15.65	1100	<1	0.01	1125	100	31	0.06	<5	20	336	<10
M63294		10	0.02	<10	15.55	1230	<1	0.01	1090	90	3	0.01	<5	20	213	<10
M63295		<10	0.01	10	10.85	1390	<1	0.07	1030	210	28	0.03	<5	19	281	10
M63296		10	0.22	30	2.46	699	<1	3.55	191	890	11	0.41	<5	11	352	<10
M63297		10	0.95	30	1.37	654	<1	3.85	101	710	7	0.43	<5	14	390	<10
M63298		10	0.96	20	1.05	553	1	3.59	86	650	6	0.35	<5	14	343	<10
M63299		10	1.82	30	1.22	700	<1	2.64	77	650	7	0.35	<5	13	369	<10
M63300		10	1.81	20	1.45	751	1	2.39	100	640	7	0.17	6	15	336	<10
M63301		20	3.51	10	1.95	520	1	3.61	73	1170	83	2.97	<5	6	357	<10
M63302		10	1.99	20	0.93	479	<1	2.52	73	630	9	0.13	<5	11	344	<10
M63303		10	1.82	20	1.19	817	1	2.10	70	590	14	0.19	<5	11	342	<10
M63304		10	1.86	20	1.01	589	1	2.36	60	640	17	0.17	<5	10	401	<10
M63305		10	2.04	20	1.10	606	1	1.90	88	610	15	0.30	<5	15	370	<10
M63306		10	1.64	20	1.22	779	<1	2.35	74	580	25	0.24	<5	13	471	<10
M63307		10	1.86	20	1.22	727	1	2.35	76	590	25	0.20	<5	14	438	<10
M63308		10	1.64	20	1.26	799	<1	2.40	73	580	31	0.14	<5	13	488	<10
M63309		10	1.60	20	1.15	794	<1	2.36	77	620	40	0.12	<5	14	500	<10
M63310		<10	1.72	20	0.91	575	1	2.15	79	640	9	0.17	<5	13	368	<10
M63311		10	1.57	20	1.29	989	1	2.31	107	620	11	0.21	<5	12	594	<10
M63312		20	1.95	20	1.23	815	2	2.15	97	550	76	0.48	<5	17	462	<10
M63313		10	2.02	20	1.54	973	1	1.97	81	530	112	0.18	<5	16	548	<10
M63314		10	2.44	30	1.41	846	1	1.85	75	950	98	0.15	<5	14	476	<10
M63315		10	1.95	20	1.35	690	<1	1.70	78	650	22	0.08	<5	14	370	<10
M63316		10	1.97	20	1.63	772	<1	1.15	100	560	19	0.10	<5	16	337	<10
M63317		10	1.94	20	1.54	608	1	1.27	82	610	12	0.16	<5	14	317	<10
M63318		10	1.80	20	1.47	624	<1	1.84	92	700	10	0.22	<5	15	351	<10
M63319		10	1.55	30	1.43	545	<1	2.30	87	740	10	0.23	<5	14	343	<10
M63320		10	1.57	20	1.59	514	<1	2.67	89	670	8	0.10	<5	15	378	<10
M63321		<10	0.79	180	1.36	325	4	0.19	56	1000	7	1.6	<5	4	2080	<10
M63322		10	1.83	20	1.74	631	1	1.31	87	570	8	0.05	6	15	194	<10
M63323		20	1.60	30	1.62	467	<1	1.81	99	640	14	0.19	<5	14	235	<10
M63324		20	1.24	20	1.89	471	<1	2.36	117	650	15	0.27	<5	17	269	<10
M63325		20	1.24	20	1.91	529	<1	2.11	90	550	15	0.25	<5	13	237	<10
M63326		10	1.54	30	1.32	470	1	2.05	64	650	16	0.19	<5	10	224	<10
M63327		20	2.18	30	1.60	706	1	1.94	86	650	9	0.19	<5	14	270	<10
M63328		20	1.82	30	1.71	788	<1	2.42	78	790	10	0.20	<5	12	328	<10
M63329		10	1.95	20	1.94	978	<1	2.48	101	690	7	0.18	<5	16	403	<10
M63330		20	2.31	20	2.00	1045	<1	2.23	136	630	5	0.14	<5	19	428	<10

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **NORTHGATE MINERALS - YOUNG DAVIDSON MINE**
PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 7-MAR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11024084

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
M63291		0.01	<10	10	70	<10	42
M63292		0.02	<10	10	77	<10	50
M63293		0.03	10	<10	119	<10	66
M63294		0.06	<10	10	125	<10	74
M63295		0.06	<10	10	111	<10	90
M63296		0.19	<10	10	79	<10	107
M63297		0.31	10	10	116	<10	80
M63298		0.31	<10	10	95	<10	73
M63299		0.32	10	10	96	<10	68
M63300		0.29	10	10	110	<10	81
M63301		0.59	10	10	74	<10	61
M63302		0.28	10	10	86	<10	57
M63303		0.26	<10	10	85	<10	58
M63304		0.25	10	10	79	<10	46
M63305		0.29	10	<10	110	<10	58
M63306		0.28	<10	10	97	<10	62
M63307		0.29	10	<10	103	<10	61
M63308		0.27	<10	<10	97	<10	60
M63309		0.28	10	<10	99	<10	64
M63310		0.29	10	<10	100	<10	60
M63311		0.24	10	10	85	<10	54
M63312		0.32	10	<10	121	<10	65
M63313		0.31	<10	<10	118	<10	68
M63314		0.27	10	<10	110	<10	70
M63315		0.25	<10	10	102	<10	72
M63316		0.29	<10	<10	121	<10	88
M63317		0.28	10	<10	102	<10	68
M63318		0.32	10	<10	113	<10	68
M63319		0.33	<10	10	111	<10	74
M63320		0.33	<10	10	116	<10	83
M63321		0.15	<10	50	102	<10	381
M63322		0.31	<10	10	110	<10	79
M63323		0.32	<10	<10	113	<10	75
M63324		0.35	<10	<10	127	<10	87
M63325		0.29	<10	<10	112	<10	88
M63326		0.25	<10	<10	80	<10	68
M63327		0.34	<10	<10	112	<10	81
M63328		0.29	<10	<10	106	<10	86
M63329		0.35	<10	<10	134	<10	93
M63330		0.40	<10	<10	176	<10	103

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **NORTHGATE MINERALS - YOUNG DAVIDSON MINE**
PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 7-MAR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11024084

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
M63331		3.19	0.01		<0.5	7.76	<5	760	2.0	<2	3.08	<0.5	17	62	43	4.25
M63332		3.87	0.01		1.1	7.32	<5	670	2.2	<2	3.35	<0.5	16	54	31	4.27
M63333		2.92	<0.01		1.0	8.73	<5	2150	2.7	<2	2.56	<0.5	25	185	39	5.01
M63334		3.69	<0.01		<0.5	7.29	<5	680	1.9	2	4.78	<0.5	15	38	43	4.43
M63335		4.73	<0.01		0.5	7.45	<5	1270	1.4	<2	1.55	<0.5	20	149	40	4.04
M63336		3.37	<0.01		<0.5	7.24	6	780	1.0	<2	1.99	<0.5	16	124	43	3.48
M63337		3.53	0.01		0.8	7.02	18	690	1.1	<2	2.47	0.5	20	114	35	3.78
M63338		3.36	<0.01		0.5	7.40	<5	290	0.9	<2	2.47	0.5	20	95	50	4.99
M63339		3.74	<0.01		<0.5	6.95	<5	250	0.8	<2	6.20	<0.5	42	47	198	10.15

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: 7-MAR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11024084

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
M63331		20	1.16	70	1.81	836	<1	4.74	41	2020	14	0.46	<5	11	488	<10
M63332		20	1.19	60	1.99	877	<1	4.49	33	1870	35	0.40	<5	11	530	<10
M63333		20	3.12	50	2.20	921	<1	3.18	82	1570	11	0.28	<5	16	691	<10
M63334		20	1.15	70	2.18	956	<1	3.91	39	2090	13	0.30	<5	11	721	<10
M63335		20	2.59	30	1.60	743	<1	2.73	91	710	9	0.12	<5	13	549	<10
M63336		20	2.16	30	1.51	670	1	3.57	77	690	21	0.19	<5	11	433	<10
M63337		20	1.84	30	1.72	736	2	3.58	76	700	40	0.69	<5	11	484	<10
M63338		20	0.76	30	1.92	852	1	4.29	69	700	19	0.43	<5	14	409	<10
M63339		20	0.60	20	3.18	1735	<1	2.05	56	750	8	0.16	<5	41	275	<10

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **NORTHGATE MINERALS - YOUNG DAVIDSON MINE**
PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 7-MAR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11024084

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
M63331		0.31	<10	<10	97	<10	77
M63332		0.30	<10	10	90	<10	87
M63333		0.37	<10	<10	154	<10	104
M63334		0.26	<10	<10	85	<10	87
M63335		0.32	<10	<10	103	<10	74
M63336		0.29	<10	<10	85	<10	79
M63337		0.28	<10	10	87	<10	111
M63338		0.35	<10	10	115	<10	117
M63339		0.88	<10	<10	350	<10	120