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: 30-SEP-2010
Account: NORTEX

CERTIFICATE TM10129132

Project: 1916

P.O. No.: 10-104

This report is for 80 Drill Core samples submitted to our lab in Timmins, ON, Canada on 10-SEP-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: 30-SEP-2010
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10129132

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
M64535		3.79	0.06	87.0	<0.5	6.77	31	820	2.1	<2	4.14	<0.5	22	218	153	4.91
M64536		3.57	0.07		<0.5	6.98	26	910	2.4	<2	5.25	<0.5	26	227	142	6.79
M64537		3.76	0.05		<0.5	6.75	37	890	1.6	<2	4.29	<0.5	26	207	133	5.30
M64538		2.66	0.04		<0.5	6.68	53	820	1.8	<2	5.69	<0.5	27	236	69	5.13
M64539		2.83	0.02		<0.5	6.88	71	670	1.5	<2	4.99	<0.5	27	172	51	5.57
M64540		3.93	0.04		<0.5	6.91	92	480	1.0	<2	2.74	<0.5	15	266	22	3.75
M64541		0.50	<0.01		<0.5	2.94	8	90	0.6	<2	41.7	<0.5	9	35	96	1.58
M64542		3.88	0.07		0.5	7.00	94	690	1.1	<2	2.94	0.6	15	150	39	2.99
M64543		4.10	0.02		<0.5	6.79	128	750	1.1	<2	3.05	0.5	16	201	33	3.11
M64544		4.02	0.03		<0.5	6.55	94	540	1.4	6	4.78	<0.5	28	218	39	5.30
M64545		3.95	0.02		0.5	6.97	117	870	1.0	<2	2.59	<0.5	15	168	36	2.94
M64546		4.00	0.02		<0.5	7.19	104	810	0.9	<2	2.53	0.5	15	174	35	3.12
M64547		4.22	0.02		<0.5	6.87	89	580	1.0	<2	2.96	<0.5	18	224	18	3.20
M64548		3.50	0.03		<0.5	6.93	41	450	0.9	<2	1.71	0.5	12	196	25	2.85
M64549		3.83	0.01		<0.5	6.63	137	450	0.9	<2	2.88	<0.5	26	301	16	3.95
M64550		3.78	0.04		<0.5	6.99	178	480	0.9	<2	3.46	<0.5	29	322	4	4.06
M64551		4.19	0.02		<0.5	6.82	64	570	1.0	<2	2.38	<0.5	17	267	5	3.50
M64552		3.98	0.07		<0.5	7.10	29	860	1.4	<2	4.33	<0.5	38	243	7	6.05
M64553		4.09	0.05		<0.5	6.53	20	600	1.2	<2	4.91	<0.5	30	295	4	5.92
M64554		4.24	0.17		<0.5	7.06	16	1140	1.0	<2	3.75	<0.5	27	179	4	5.22
M64555		3.68	0.05		<0.5	6.59	15	950	1.0	<2	1.46	<0.5	18	247	31	3.04
M64556		4.39	0.05		<0.5	5.59	23	780	1.4	<2	5.31	<0.5	32	267	13	6.40
M64557		3.68	0.02		<0.5	5.36	39	970	1.9	<2	7.70	<0.5	43	444	5	7.51
M64558		4.25	0.07		<0.5	6.60	38	900	1.8	<2	6.27	<0.5	55	312	60	6.90
M64559		2.77	0.06		<0.5	6.86	28	1020	2.0	<2	4.56	<0.5	26	358	90	6.09
M64560		2.58	0.13		<0.5	6.06	51	540	1.6	<2	5.98	<0.5	57	371	91	7.21
M64561		0.13	6.02		0.5	7.31	26	170	2.3	<2	1.65	<0.5	15	45	24	5.29
M64562		3.02	0.03		<0.5	6.27	29	720	1.1	<2	6.22	<0.5	42	428	62	7.01
M64563		3.48	0.08		<0.5	5.60	22	370	1.0	<2	6.51	0.5	30	454	216	7.16
M64564		4.15	0.06		<0.5	5.76	34	720	1.3	<2	5.81	<0.5	49	439	109	7.51
M64565		3.42	0.07		<0.5	6.15	34	420	1.2	<2	4.90	<0.5	47	485	106	7.67
M64566		3.52	0.14		<0.5	6.10	27	550	1.2	<2	5.13	<0.5	41	440	180	7.20
M64567		4.00	0.08		<0.5	6.98	21	1030	1.2	<2	3.28	<0.5	47	278	71	5.14
M64568		3.98	0.07		<0.5	7.19	12	1020	1.2	<2	3.73	<0.5	23	266	67	5.01
M64569		3.85	0.04		<0.5	6.66	9	740	1.0	<2	2.12	<0.5	14	139	84	3.14
M64570		2.35	0.02		<0.5	6.75	11	610	1.0	<2	3.37	<0.5	19	276	42	4.65
M64571		2.24	0.02		<0.5	6.73	18	600	1.1	<2	3.53	<0.5	27	439	93	5.17
M64572		3.70	0.06		<0.5	7.10	39	530	1.2	<2	3.36	<0.5	49	403	52	6.53
M64573		3.80	0.08		<0.5	5.87	26	600	1.0	<2	4.21	<0.5	35	290	43	5.70
M64574		3.95	0.12	85.8	<0.5	6.52	19	530	0.8	<2	1.79	<0.5	16	225	232	3.46

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: 30-SEP-2010
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10129132

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
M64535		20	1.89	20	1.83	697	3	2.47	101	990	10	1.87	<5	21	503	<10
M64536		20	2.67	20	3.17	1215	<1	1.17	82	1730	5	1.86	<5	29	639	<10
M64537		20	2.59	20	2.06	954	<1	1.56	82	840	8	2.00	<5	18	457	<10
M64538		20	2.67	30	2.44	1030	<1	0.71	95	1520	20	1.03	<5	20	441	<10
M64539		20	2.06	20	3.10	1405	<1	1.85	70	1420	20	0.88	<5	24	729	<10
M64540		10	1.68	20	1.56	653	1	2.66	124	430	17	0.25	<5	16	350	<10
M64541		10	0.81	180	1.36	323	4	0.19	59	1080	10	1.8	10	4	2150	<10
M64542		20	2.10	20	0.99	614	<1	3.14	86	550	29	0.43	<5	11	385	<10
M64543		20	2.23	20	1.13	654	<1	2.43	101	450	77	0.34	<5	12	315	<10
M64544		20	1.30	20	3.70	1305	<1	2.30	99	1490	33	0.49	<5	20	492	<10
M64545		20	2.30	20	1.34	704	<1	2.72	85	570	70	0.59	<5	11	439	<10
M64546		20	2.22	20	1.20	631	2	2.69	101	470	110	0.57	<5	11	381	<10
M64547		20	1.77	20	1.42	824	<1	3.02	101	440	35	0.47	<5	13	452	<10
M64548		20	1.75	20	1.00	567	<1	3.00	87	220	24	0.44	<5	9	345	<10
M64549		10	2.09	20	1.86	912	<1	1.88	159	280	30	0.43	<5	16	372	<10
M64550		10	2.17	20	1.84	911	<1	1.94	184	300	33	0.45	<5	17	381	<10
M64551		20	1.94	10	1.69	734	<1	2.33	135	270	40	0.29	<5	13	351	<10
M64552		20	2.14	20	2.97	960	<1	1.86	110	1300	24	1.86	5	24	426	<10
M64553		20	1.50	20	3.92	1240	<1	1.63	141	1050	17	1.02	<5	22	557	<10
M64554		20	2.60	20	2.75	998	<1	1.86	86	1220	16	1.76	<5	23	438	<10
M64555		10	2.27	20	1.51	496	2	2.65	113	380	12	0.70	<5	11	292	<10
M64556		20	1.70	30	4.33	1350	<1	0.91	156	1770	16	1.94	<5	22	456	<10
M64557		20	1.78	30	6.60	1680	<1	0.06	274	2310	54	2.02	<5	23	567	<10
M64558		20	2.76	30	5.08	1565	<1	1.23	176	2140	34	2.63	5	23	514	<10
M64559		20	2.84	20	4.70	1550	<1	1.42	138	1690	12	0.92	<5	32	387	<10
M64560		20	3.26	20	4.54	1665	<1	0.70	216	1240	37	2.83	<5	28	407	<10
M64561		20	2.23	10	1.28	372	<1	3.78	50	1160	69	3.58	<5	5	260	<10
M64562		20	2.42	20	5.13	1800	<1	0.65	255	1090	109	1.59	<5	29	438	<10
M64563		10	1.88	20	5.25	1945	<1	0.54	284	1350	22	0.85	<5	29	453	<10
M64564		<10	2.42	20	4.85	1735	<1	1.10	241	1040	24	2.66	<5	29	429	<10
M64565		10	1.58	20	5.68	1840	4	1.75	290	1180	9	1.93	<5	29	362	<10
M64566		10	1.66	20	5.18	1805	<1	2.08	272	970	7	1.66	<5	29	394	<10
M64567		10	2.32	30	2.50	1035	1	2.96	144	850	20	1.66	<5	23	533	<10
M64568		10	2.48	40	2.88	1165	<1	2.46	105	1080	28	0.87	5	19	747	<10
M64569		10	2.25	30	1.29	602	<1	2.82	62	510	13	0.28	5	12	593	<10
M64570		10	2.20	40	2.70	1040	<1	2.04	110	780	16	0.66	<5	16	336	<10
M64571		10	1.79	40	3.57	1325	<1	2.20	272	670	27	0.64	<5	19	360	<10
M64572		10	1.78	30	3.25	1355	<1	2.47	243	610	42	2.58	5	28	422	<10
M64573		10	1.72	30	3.13	1360	<1	1.74	139	910	23	1.97	<5	22	342	<10
M64574		10	1.49	30	1.58	720	<1	3.11	91	420	10	0.84	<5	13	377	<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: 30-SEP-2010
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10129132

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
M64535		0.20	<10	10	149	10	52
M64536		0.26	<10	<10	193	10	88
M64537		0.22	<10	<10	135	10	58
M64538		0.20	<10	<10	140	10	97
M64539		0.19	<10	10	166	10	107
M64540		0.16	<10	10	113	<10	88
M64541		0.16	<10	<10	106	<10	393
M64542		0.16	<10	10	87	10	159
M64543		0.15	<10	10	89	10	146
M64544		0.16	<10	10	147	<10	129
M64545		0.15	<10	10	83	10	60
M64546		0.17	<10	10	85	10	91
M64547		0.14	<10	10	105	10	68
M64548		0.13	<10	10	69	10	91
M64549		0.14	<10	10	112	10	92
M64550		0.14	<10	10	114	10	84
M64551		0.11	<10	10	89	10	94
M64552		0.13	<10	10	159	10	126
M64553		0.16	<10	<10	156	10	143
M64554		0.19	<10	10	153	30	109
M64555		0.13	<10	10	82	10	67
M64556		0.36	<10	<10	151	10	135
M64557		0.38	<10	<10	156	20	152
M64558		0.56	<10	<10	181	30	142
M64559		0.48	<10	<10	203	20	150
M64560		0.49	<10	<10	194	100	177
M64561		0.40	10	20	50	<10	50
M64562		0.47	<10	<10	199	40	275
M64563		0.51	<10	<10	207	10	242
M64564		0.49	10	<10	217	40	135
M64565		0.50	<10	<10	222	<10	144
M64566		0.49	<10	10	212	<10	148
M64567		0.43	10	10	160	<10	97
M64568		0.41	<10	<10	139	10	125
M64569		0.30	<10	10	84	<10	66
M64570		0.35	<10	<10	117	<10	150
M64571		0.36	<10	<10	130	<10	195
M64572		0.46	<10	<10	186	<10	145
M64573		0.36	10	<10	144	<10	121
M64574		0.28	<10	10	90	<10	75

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: 30-SEP-2010
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10129132

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
M64575		3.66	0.05	86.5	<0.5	6.89	21	770	1.0	<2	3.94	<0.5	21	229	67	4.66
M64576		3.70	0.07		<0.5	6.78	51	680	0.9	<2	1.15	<0.5	16	121	36	2.96
M64577		2.72	0.08		<0.5	6.89	49	500	0.9	<2	1.57	<0.5	15	192	58	3.58
M64578		3.79	0.07		<0.5	5.88	114	350	0.8	2	5.58	<0.5	54	285	185	8.85
M64579		4.33	0.06		<0.5	5.98	50	470	1.1	<2	5.33	<0.5	41	313	55	7.14
M64580		3.80	0.08		<0.5	6.11	85	370	0.8	<2	5.23	<0.5	45	345	98	7.17
M64581		<0.02	0.07		<0.5	5.95	88	360	0.7	<2	4.80	<0.5	44	322	100	6.94
M64582		2.96	0.07		<0.5	6.19	103	450	0.8	<2	4.74	<0.5	48	357	152	7.09
M64583		3.19	0.03		<0.5	5.75	49	380	0.8	4	5.30	0.6	47	401	57	6.64
M64584		3.96	0.06		<0.5	6.73	24	780	0.9	2	2.97	<0.5	27	193	13	4.68
M64585		3.65	0.09		<0.5	6.68	28	450	1.0	<2	3.85	<0.5	24	215	79	4.33
M64586		4.14	0.04		<0.5	6.50	13	410	0.9	<2	2.69	<0.5	24	206	22	4.28
M64587		3.47	0.04		<0.5	6.69	13	730	1.0	<2	3.72	<0.5	24	349	40	4.32
M64588		3.87	0.09		<0.5	6.32	15	490	1.1	<2	4.64	<0.5	35	400	30	6.89
M64589		2.84	0.02		<0.5	6.67	13	890	1.1	<2	4.61	<0.5	34	569	46	5.93
M64590		5.32	0.05		<0.5	6.16	12	790	1.2	<2	5.79	<0.5	37	568	54	5.95
M64591		4.60	0.03		<0.5	6.31	16	1310	1.3	<2	4.71	<0.5	35	535	39	6.08
M64592		4.38	0.02		<0.5	5.75	14	590	1.4	<2	5.08	<0.5	52	697	88	6.47
M64593		3.67	0.03		<0.5	6.13	17	970	1.3	<2	4.40	<0.5	45	671	73	6.26
M64594		4.08	0.03		<0.5	6.49	19	640	1.1	<2	3.90	<0.5	33	375	53	4.98
M64595		3.37	0.04		<0.5	6.43	13	360	0.9	<2	2.52	<0.5	20	197	42	3.22
M64596		3.90	0.04		<0.5	6.58	14	420	1.3	<2	4.17	<0.5	27	204	66	5.43
M64597		4.02	0.04		<0.5	6.29	27	450	1.2	<2	3.30	<0.5	37	439	108	5.82
M64598		3.80	0.04		<0.5	6.54	20	510	1.1	3	2.09	<0.5	22	282	54	4.00
M64599		3.75	0.06		<0.5	6.19	15	200	1.0	<2	6.13	<0.5	29	239	116	4.93
M64600		3.75	0.02		<0.5	6.23	8	350	1.3	<2	5.76	<0.5	27	523	102	5.31
M64601		0.13	1.37		<0.5	7.76	28	140	3.1	<2	2.40	0.5	20	72	31	6.04
M64602		2.56	0.03	89.6	<0.5	5.91	26	420	1.2	4	5.73	<0.5	47	407	49	7.31
M64603		4.45	0.03		<0.5	5.56	16	390	1.1	<2	6.48	<0.5	32	465	22	5.70
M64604		3.57	0.01		<0.5	5.87	14	440	1.4	<2	6.25	0.5	29	403	22	5.40
M64605		3.91	0.02		<0.5	6.83	11	530	1.2	<2	4.21	<0.5	21	234	36	3.60
M64606		3.84	0.02		<0.5	6.52	21	610	1.0	<2	1.89	<0.5	14	122	48	3.06
M64607		3.59	0.06		<0.5	6.61	13	570	1.6	<2	4.30	<0.5	30	196	66	5.26
M64608		4.01	0.01		<0.5	6.21	16	470	1.9	<2	5.54	<0.5	33	166	114	6.69
M64609		3.96	0.12		<0.5	6.57	17	650	1.6	<2	4.86	0.5	22	134	49	4.48
M64610		3.94	0.01		<0.5	6.44	16	570	0.9	<2	2.33	<0.5	17	92	36	3.32
M64611		4.00	0.01		<0.5	6.84	11	590	0.9	<2	1.79	0.6	18	139	44	3.39
M64612		3.69	0.01		<0.5	6.89	12	740	1.0	<2	1.78	0.6	15	114	37	2.96
M64613		3.56	0.01		<0.5	7.08	14	750	1.2	<2	2.86	<0.5	19	145	49	3.77
M64614		2.09	0.01		<0.5	7.01	12	700	1.0	<2	1.91	<0.5	10	92	38	2.71

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: 30-SEP-2010
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10129132

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
M64575		10	2.00	30	3.00	1165	<1	2.06	87	1120	16	0.63	<5	19	332	<10
M64576		10	1.63	20	1.28	597	1	3.45	62	520	29	0.54	<5	11	383	<10
M64577		20	0.99	20	1.83	834	<1	3.66	104	550	36	0.42	<5	14	401	<10
M64578		<10	0.91	20	4.26	1990	<1	1.22	214	680	33	2.58	7	36	394	<10
M64579		10	1.04	30	4.41	1635	<1	1.81	159	1140	28	1.78	<5	26	380	<10
M64580		10	1.20	20	3.64	1580	1	1.77	240	690	18	2.10	5	27	415	<10
M64581		<10	1.14	20	3.51	1505	1	1.73	233	650	18	2.05	<5	26	393	<10
M64582		10	1.26	30	3.86	1475	<1	1.63	246	890	28	2.04	7	25	364	<10
M64583		10	1.23	30	4.55	1565	<1	1.21	282	760	50	1.96	<5	25	418	<10
M64584		10	1.65	30	2.56	866	1	2.75	87	820	56	1.88	<5	16	380	<10
M64585		10	1.20	30	2.51	945	1	2.67	88	760	20	1.25	<5	17	386	<10
M64586		10	1.11	30	2.40	735	<1	3.07	126	620	32	2.48	<5	12	419	<10
M64587		10	1.48	30	3.33	996	1	2.83	114	760	23	1.54	<5	18	465	10
M64588		10	1.72	30	4.50	1215	1	2.49	144	850	47	3.69	<5	21	459	<10
M64589		10	1.81	30	5.98	1425	4	2.22	168	1020	11	0.92	9	26	553	<10
M64590		<10	1.75	40	5.87	1435	7	1.97	214	1070	13	1.10	8	25	570	<10
M64591		10	2.38	30	5.76	1280	<1	1.83	162	1190	10	1.25	10	26	432	<10
M64592		10	1.39	30	7.41	1440	<1	1.77	378	1210	8	1.09	5	25	335	<10
M64593		<10	2.17	30	6.91	1450	<1	1.61	287	1160	11	0.90	5	25	309	<10
M64594		20	1.79	30	3.98	1010	<1	2.91	168	870	22	2.07	<5	18	331	<10
M64595		10	1.23	30	1.83	749	<1	3.81	72	620	23	1.70	<5	13	342	<10
M64596		10	1.50	40	2.83	1120	1	3.08	73	1230	67	3.54	<5	19	390	<10
M64597		10	1.23	30	3.58	1110	2	2.51	193	1000	43	3.16	<5	23	372	<10
M64598		20	1.85	20	1.67	687	<1	2.74	135	410	24	1.97	<5	15	262	<10
M64599		20	1.02	30	3.22	1250	<1	2.39	82	1000	41	2.16	<5	20	507	<10
M64600		10	1.09	30	5.25	1430	1	1.59	153	980	11	0.52	<5	25	420	<10
M64601		20	3.33	20	1.89	498	<1	3.43	74	1100	91	3.01	<5	6	347	<10
M64602		10	0.43	30	5.81	1325	<1	1.17	164	1220	19	2.12	<5	27	413	<10
M64603		10	1.08	30	4.70	1345	<1	1.50	148	950	19	1.67	<5	23	512	<10
M64604		10	1.84	30	4.38	1405	<1	1.85	134	1040	15	1.60	<5	23	661	<10
M64605		10	1.88	30	1.64	702	<1	3.01	74	700	11	1.52	<5	15	375	<10
M64606		10	2.12	30	0.89	359	<1	2.45	56	540	9	0.85	<5	11	219	<10
M64607		10	1.85	40	2.05	788	<1	2.04	88	1220	6	0.98	<5	18	273	<10
M64608		20	1.28	40	3.50	1405	<1	2.54	94	1590	17	1.07	<5	25	582	<10
M64609		10	1.71	30	2.16	1105	<1	2.54	60	1210	22	1.12	<5	16	525	<10
M64610		10	2.26	20	1.03	654	1	2.34	50	600	29	0.84	<5	10	343	<10
M64611		10	2.32	20	1.06	562	<1	2.23	62	570	55	0.83	6	12	307	<10
M64612		10	3.01	20	1.03	563	<1	1.55	53	510	72	0.55	<5	11	257	<10
M64613		10	2.23	30	1.60	840	<1	2.45	60	810	63	0.88	<5	13	381	<10
M64614		10	2.25	20	1.05	543	<1	2.79	49	490	17	0.47	<5	9	342	<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: 30-SEP-2010
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10129132

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
M64575		0.43	10	10	136	<10	123
M64576		0.29	<10	10	82	<10	68
M64577		0.32	<10	10	105	<10	79
M64578		0.61	<10	<10	254	<10	136
M64579		0.47	<10	<10	192	<10	120
M64580		0.47	<10	<10	198	<10	117
M64581		0.45	<10	<10	190	<10	112
M64582		0.45	10	<10	183	<10	124
M64583		0.43	<10	<10	181	<10	145
M64584		0.35	<10	<10	116	<10	116
M64585		0.34	<10	<10	115	<10	133
M64586		0.27	10	10	81	<10	75
M64587		0.31	10	10	117	<10	95
M64588		0.33	<10	10	139	<10	122
M64589		0.37	<10	<10	172	<10	159
M64590		0.38	<10	<10	163	<10	144
M64591		0.38	10	<10	165	<10	136
M64592		0.42	<10	<10	164	<10	159
M64593		0.41	10	<10	169	<10	166
M64594		0.34	<10	10	123	<10	104
M64595		0.30	<10	10	91	<10	73
M64596		0.39	10	<10	133	<10	108
M64597		0.37	<10	10	156	<10	139
M64598		0.28	<10	10	112	<10	82
M64599		0.28	<10	10	137	<10	97
M64600		0.23	<10	<10	165	<10	127
M64601		0.57	10	10	70	<10	55
M64602		0.23	<10	<10	184	<10	130
M64603		0.18	<10	<10	154	<10	103
M64604		0.21	<10	10	150	<10	101
M64605		0.22	<10	10	102	<10	58
M64606		0.22	<10	10	85	<10	56
M64607		0.28	<10	<10	144	<10	111
M64608		0.34	<10	<10	198	<10	147
M64609		0.28	10	<10	119	<10	92
M64610		0.21	10	<10	80	<10	64
M64611		0.24	<10	<10	86	<10	121
M64612		0.23	<10	<10	83	<10	110
M64613		0.21	<10	<10	98	<10	93
M64614		0.20	<10	<10	64	<10	63