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

Date: 21-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

PARTIAL DATA REPORT

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

This is a Partial Data Report for the analytical results of the above mentioned methods. A final Certificate of Analysis will be available upon completion of all requested methods.

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PO BOX 187
MATACHEWAN ON P0K 1M0

Date: 21-MAR-2011
Account: NORTEX

Project: 1916

PRELIMINARY 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													
M63426		3.89	0.01													
M63427		2.68	0.01													
M63428		3.66	<0.01													
M63429		4.06	<0.01													
M63430		4.77	0.01													
M63431		3.26	<0.01	86.8												

PARTIAL DATA REPORT

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PO BOX 187
MATACHEWAN ON P0K 1M0

Date: 21-MAR-2011
Account: NORTEX

Project: 1916

PRELIMINARY 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																
M63426																
M63427																
M63428																
M63429																
M63430																
M63431																

PARTIAL DATA REPORT

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PO BOX 187
MATACHEWAN ON P0K 1M0

Date: 21-MAR-2011
Account: NORTEX

Project: 1916

PRELIMINARY 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							
M63426							
M63427							
M63428							
M63429							
M63430							
M63431							

PARTIAL DATA REPORT

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PO BOX 187
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Date: 21-MAR-2011
Account: NORTEX

Project: 1916

PRELIMINARY 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													
M63433		3.97	0.01													
M63434		3.97	<0.01													
M63435		4.17	0.01													
M63436		4.12	<0.01													
M63437		4.90	<0.01													
M63438		2.65	<0.01													
M63439		3.65	<0.01													
M63440		3.77	<0.01													
M63441		<0.02	<0.01													
M63442		3.62	<0.01													
M63443		3.97	<0.01													
M63444		3.62	<0.01													
M63445		3.98	<0.01													
M63446		3.84	<0.01													
M63447		3.71	<0.01													
M63448		3.02	<0.01													
M63449		4.33	<0.01													
M63450		4.02	0.01													
M63451		4.11	0.01													
M63452		3.93	<0.01													
M63453		3.71	0.01													
M63454		3.93	<0.01													
M63455		3.63	0.01													
M63456		3.65	0.01													
M63457		3.83	0.01													
M63458		3.69	0.01													
M63459		3.73	<0.01													
M63460		2.53	0.01													
M63461		0.12	1.36													
M63462		2.87	<0.01													
M63463		4.16	<0.01													
M63464		1.54	<0.01													
M63465		4.66	<0.01													
M63466		4.96	<0.01													
M63467		4.33	<0.01													
M63468		5.55	<0.01													
M63469		3.63	<0.01													
M63470		4.07	<0.01													
M63471		3.81	<0.01	94.7												

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Project: 1916

PRELIMINARY CERTIFICATE OF ANALYSIS TM11035328

Sample Description	Method Analyte Units LOR	ME-ICP61 Ga ppm 10	ME-ICP61 K % 0.01	ME-ICP61 La ppm 10	ME-ICP61 Mg % 0.01	ME-ICP61 Mn ppm 5	ME-ICP61 Mo ppm 1	ME-ICP61 Na % 0.01	ME-ICP61 Ni ppm 1	ME-ICP61 P ppm 10	ME-ICP61 Pb ppm 2	ME-ICP61 S % 0.01	ME-ICP61 Sb ppm 5	ME-ICP61 Sc ppm 1	ME-ICP61 Sr ppm 1	ME-ICP61 Te ppm 10
M63432																
M63433																
M63434																
M63435																
M63436																
M63437																
M63438																
M63439																
M63440																
M63441																
M63442																
M63443																
M63444																
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M63464																
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M63466																
M63467																
M63468																
M63469																
M63470																
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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							
M63433							
M63434							
M63435							
M63436							
M63437							
M63438							
M63439							
M63440							
M63441							
M63442							
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M63464							
M63465							
M63466							
M63467							
M63468							
M63469							
M63470							
M63471							

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PRELIMINARY 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
M63472		4.92	<0.01													
M63473		3.42	0.01													
M63474		3.94	<0.01													
M63475		3.97	<0.01													
M63476		2.09	<0.01													
M63477		4.53	<0.01													
M63478		4.01	<0.01													
M63479		3.96	<0.01													
M63480		3.72	0.01													
M63481		0.49	<0.01													
M63482		4.17	<0.01													
M63483		0.86	<0.01													
M63484		1.89	<0.01													
M63485		2.30	<0.01													
M63486		2.73	<0.01													
M63487		3.13	<0.01													

PARTIAL DATA REPORT

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

Date: 21-MAR-2011
Account: NORTEX

Project: 1916

PRELIMINARY 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																
M63473																
M63474																
M63475																
M63476																
M63477																
M63478																
M63479																
M63480																
M63481																
M63482																
M63483																
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PRELIMINARY 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							
M63473							
M63474							
M63475							
M63476							
M63477							
M63478							
M63479							
M63480							
M63481							
M63482							
M63483							
M63484							
M63485							
M63486							
M63487							

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