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: 4-APR-2011
Account: NORTEX

CERTIFICATE TM11038836

Project: 1916

P.O. No.: 10-118

This report is for 157 Drill Core samples submitted to our lab in Timmins, ON, Canada on 9-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
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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

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CERTIFICATE OF ANALYSIS TM11038836

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
M63488		3.72	<0.01	86.0	<0.5	7.56	10	320	1.0	<2	4.51	<0.5	45	70	164	9.25
M63489		3.44	<0.01		<0.5	7.04	8	190	0.8	<2	4.25	<0.5	46	71	165	9.64
M63490		4.86	<0.01		<0.5	6.36	7	670	1.6	<2	7.47	<0.5	40	370	100	7.54
M63491		4.85	0.01		<0.5	6.01	8	150	1.7	<2	7.02	<0.5	41	424	79	7.37
M63492		3.23	0.02		<0.5	7.08	15	780	1.4	<2	2.50	3.0	20	144	28	4.25
M63493		3.72	0.01		<0.5	6.68	14	1290	1.9	<2	4.42	2.0	18	133	30	4.29
M63494		3.53	0.01		<0.5	7.02	11	760	1.7	<2	3.31	1.1	19	171	54	4.59
M63495		3.12	0.01		<0.5	6.91	6	480	0.9	<2	1.33	<0.5	14	84	20	3.16
M63496		3.87	<0.01		<0.5	6.59	5	190	0.9	<2	1.31	<0.5	10	113	28	2.70
M63497		4.03	<0.01		<0.5	7.16	5	390	1.0	<2	1.73	<0.5	12	119	20	3.03
M63498		3.96	0.01		<0.5	7.28	17	390	1.2	<2	1.51	<0.5	16	104	28	2.98
M63499		3.62	0.01		<0.5	7.20	9	300	1.1	<2	1.32	<0.5	12	95	19	2.71
M63500		3.48	<0.01		<0.5	6.95	<5	390	1.2	<2	2.45	<0.5	10	88	21	3.15
M65001		0.12	5.76		0.5	7.35	21	180	2.5	2	1.71	0.5	15	53	25	5.44
M65002		2.64	0.01		<0.5	7.01	6	600	1.2	<2	1.39	<0.5	13	148	18	3.34
M65003		2.60	<0.01		<0.5	6.90	6	840	1.2	<2	1.59	<0.5	10	90	26	2.96
M65004		4.35	<0.01		<0.5	7.21	<5	410	1.3	<2	1.41	<0.5	10	125	18	2.83
M65005		3.71	0.01		<0.5	7.39	<5	700	1.6	<2	2.32	<0.5	21	201	64	4.67
M65006		4.51	<0.01		<0.5	7.27	<5	710	1.4	<2	2.59	<0.5	22	199	44	4.37
M65007		3.83	0.01		<0.5	7.28	6	740	1.0	<2	2.53	<0.5	19	124	30	4.06
M65008		3.65	0.02		<0.5	6.85	10	630	0.9	<2	2.15	<0.5	19	100	16	3.29
M65009		3.83	0.01		<0.5	7.34	<5	600	1.0	<2	1.44	<0.5	15	96	21	3.25
M65010		4.22	0.01		<0.5	7.38	<5	250	0.8	<2	1.59	<0.5	19	106	19	2.71
M65011		3.70	0.01		<0.5	6.95	7	690	1.1	<2	2.41	<0.5	27	136	61	4.15
M65012		3.70	0.01		<0.5	7.02	6	610	2.0	<2	6.49	<0.5	35	288	77	6.29
M65013		2.86	0.01		<0.5	6.71	<5	320	1.4	<2	4.68	<0.5	35	384	58	6.13
M65014		4.68	0.01		<0.5	7.00	5	460	1.2	<2	4.11	<0.5	33	307	35	5.75
M65015		3.97	0.01		<0.5	6.41	<5	480	2.3	<2	5.37	<0.5	31	375	43	5.95
M65016		4.00	0.01		<0.5	6.65	<5	450	1.2	<2	2.86	<0.5	21	230	32	4.07
M65017		3.80	<0.01		<0.5	7.13	<5	540	1.3	<2	1.11	<0.5	15	98	28	3.04
M65018		3.75	0.01		<0.5	7.06	<5	630	1.3	<2	1.70	<0.5	18	113	28	3.19
M65019		3.85	0.01		<0.5	7.00	<5	680	1.9	<2	2.98	<0.5	22	130	38	4.17
M65020		3.41	<0.01		<0.5	6.09	5	910	3.3	<2	9.85	<0.5	33	388	59	6.19
M65021		<0.02	<0.01		<0.5	6.21	<5	910	3.4	<2	10.10	<0.5	34	390	63	6.46
M65022		4.22	<0.01		<0.5	7.98	<5	1070	2.5	<2	8.21	<0.5	32	290	69	5.74
M65023		3.59	0.01		<0.5	4.81	<5	930	1.6	<2	2.30	<0.5	14	108	148	2.93
M65024		4.06	<0.01		<0.5	7.52	5	1600	3.7	<2	2.48	<0.5	15	135	28	2.99
M65025		3.73	<0.01		<0.5	3.60	<5	580	1.6	<2	2.60	<0.5	9	79	9	2.34
M65026		2.73	<0.01		<0.5	7.74	11	1330	3.6	2	2.55	<0.5	18	102	39	3.39
M65027		5.00	<0.01	90.4	<0.5	7.58	8	1260	3.2	2	2.54	<0.5	28	289	65	4.80

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Finalized Date: 4-APR-2011
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Project: 1916

CERTIFICATE OF ANALYSIS TM11038836

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
M63488		20	1.02	10	4.65	1775	<1	2.18	60	550	4	0.15	<5	38	231	<10
M63489		20	0.72	10	4.82	1840	<1	2.24	62	550	3	0.17	<5	33	219	<10
M63490		10	0.95	30	5.74	1735	<1	1.90	125	1670	12	0.26	<5	31	553	<10
M63491		10	0.24	30	6.53	1855	<1	2.21	137	1740	14	0.04	<5	31	526	<10
M63492		10	1.99	30	1.95	984	<1	3.11	52	700	453	0.79	<5	12	389	<10
M63493		20	3.59	30	2.74	1560	1	1.03	51	680	259	0.52	<5	12	339	<10
M63494		20	2.65	30	2.52	1095	<1	2.13	62	1010	81	0.43	<5	17	266	<10
M63495		10	2.45	30	1.14	474	<1	3.06	47	550	11	0.27	<5	10	193	<10
M63496		20	1.54	30	0.91	426	<1	3.77	43	560	6	0.21	<5	9	181	<10
M63497		10	2.05	30	1.04	500	<1	3.71	48	590	11	0.21	<5	10	284	<10
M63498		10	1.81	30	1.12	474	<1	4.02	47	600	17	0.34	<5	9	208	<10
M63499		20	2.00	30	1.03	452	<1	4.13	44	580	40	0.30	<5	9	148	<10
M63500		10	2.69	20	1.44	580	<1	3.28	46	550	10	0.16	<5	8	160	<10
M65001		20	2.30	20	1.31	388	<1	3.87	52	1180	75	3.53	<5	4	264	<10
M65002		10	3.87	30	1.55	515	15	2.23	51	590	22	0.36	<5	10	139	<10
M65003		10	4.17	20	1.49	476	14	1.59	41	490	19	0.17	<5	8	143	<10
M65004		10	2.37	30	1.32	455	1	3.58	49	560	9	0.18	<5	9	175	<10
M65005		10	1.87	40	2.67	851	<1	2.92	64	1230	80	0.28	<5	15	447	<10
M65006		10	1.94	30	2.48	806	<1	3.04	63	880	9	0.27	<5	13	439	<10
M65007		10	2.65	30	1.89	676	<1	2.55	57	670	34	0.25	<5	11	469	<10
M65008		20	2.26	30	1.25	488	<1	2.84	53	540	5	0.18	<5	9	401	<10
M65009		10	2.16	30	1.10	452	<1	3.21	52	560	9	0.17	<5	10	415	<10
M65010		10	1.93	30	0.93	370	<1	4.03	45	580	5	0.20	<5	10	330	<10
M65011		20	2.00	30	1.88	621	<1	2.60	59	830	5	0.31	<5	12	502	<10
M65012		10	1.33	30	4.49	1280	1	2.33	91	1610	6	0.44	<5	26	948	<10
M65013		20	0.64	30	4.50	1225	<1	3.03	135	1520	6	0.35	<5	21	655	<10
M65014		10	0.95	30	3.56	1070	1	2.95	103	1150	8	0.49	<5	19	535	<10
M65015		10	0.92	30	5.03	1545	<1	2.53	147	1650	6	0.10	<5	18	864	<10
M65016		10	1.09	30	2.64	744	<1	3.05	91	1020	2	0.23	<5	13	539	<10
M65017		10	1.57	30	1.22	409	<1	3.22	51	540	3	0.16	<5	9	273	<10
M65018		20	1.56	30	1.34	460	<1	3.43	53	540	5	0.29	<5	10	382	<10
M65019		20	1.30	40	2.57	746	<1	3.22	40	1580	6	0.28	<5	14	646	<10
M65020		20	1.73	40	5.54	1390	<1	1.05	137	2480	8	0.14	<5	22	1660	<10
M65021		10	1.66	40	5.60	1425	<1	1.09	134	2520	7	0.15	<5	22	1705	<10
M65022		20	1.96	40	4.47	1195	1	1.63	107	1270	9	0.35	<5	18	1240	<10
M65023		10	1.82	20	1.57	491	1	0.81	31	760	8	0.20	<5	10	469	<10
M65024		20	3.84	30	1.83	553	2	1.10	54	610	10	0.22	<5	10	450	<10
M65025		10	1.41	20	1.37	468	<1	0.19	33	570	8	0.10	<5	5	225	<10
M65026		20	3.70	30	2.00	643	<1	0.75	62	740	5	0.40	<5	10	364	<10
M65027		20	3.28	40	2.86	929	<1	0.90	97	1010	6	0.41	<5	16	508	<10

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CERTIFICATE OF ANALYSIS TM11038836

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
M63488		0.68	<10	<10	309	<10	143
M63489		0.68	<10	<10	307	<10	163
M63490		0.49	<10	<10	223	<10	171
M63491		0.50	<10	<10	225	<10	191
M63492		0.28	<10	<10	95	<10	636
M63493		0.25	<10	<10	95	<10	492
M63494		0.35	<10	<10	128	<10	304
M63495		0.29	<10	10	79	<10	56
M63496		0.28	<10	10	80	<10	48
M63497		0.29	<10	10	88	<10	56
M63498		0.28	<10	10	80	<10	59
M63499		0.28	<10	10	74	<10	68
M63500		0.26	<10	10	73	<10	69
M65001		0.40	10	10	53	<10	54
M65002		0.31	<10	<10	86	<10	62
M65003		0.24	<10	<10	68	<10	56
M65004		0.28	<10	10	82	<10	54
M65005		0.37	<10	<10	119	<10	116
M65006		0.33	<10	<10	104	<10	95
M65007		0.29	<10	<10	90	<10	83
M65008		0.26	<10	10	79	<10	57
M65009		0.27	<10	<10	78	<10	53
M65010		0.28	<10	10	84	<10	37
M65011		0.29	<10	<10	101	<10	72
M65012		0.45	<10	<10	201	<10	132
M65013		0.43	<10	<10	160	<10	134
M65014		0.37	<10	<10	138	<10	117
M65015		0.42	<10	<10	143	<10	144
M65016		0.33	<10	<10	103	<10	79
M65017		0.25	<10	<10	78	<10	54
M65018		0.26	<10	10	84	<10	58
M65019		0.39	<10	<10	117	<10	88
M65020		0.54	<10	<10	168	10	168
M65021		0.55	<10	<10	171	10	168
M65022		0.44	<10	<10	146	10	156
M65023		0.21	<10	<10	82	<10	61
M65024		0.27	<10	<10	96	<10	76
M65025		0.12	<10	<10	46	<10	55
M65026		0.26	<10	<10	89	<10	78
M65027		0.37	<10	<10	128	10	111

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CERTIFICATE OF ANALYSIS TM11038836

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
M65028		3.54	<0.01		<0.5	7.32	7	1330	2.0	<2	1.80	<0.5	16	136	35	3.47
M65029		4.19	0.01		<0.5	6.96	12	630	2.8	<2	6.40	<0.5	39	293	174	6.32
M65030		3.85	<0.01		<0.5	7.14	9	410	1.8	<2	5.44	<0.5	22	146	43	3.93
M65031		4.21	0.01		<0.5	7.56	13	900	2.2	<2	3.33	<0.5	28	313	54	4.55
M65032		3.98	0.04		<0.5	6.90	10	610	2.2	3	5.32	<0.5	32	352	74	5.11
M65033		4.01	<0.01		<0.5	5.73	5	470	2.8	2	8.57	<0.5	37	506	94	6.24
M65034		4.01	<0.01		<0.5	6.31	16	690	1.5	2	6.17	<0.5	46	501	137	6.68
M65035		4.55	<0.01		<0.5	6.07	7	820	1.4	<2	6.03	<0.5	43	521	99	6.53
M65036		4.04	<0.01		<0.5	7.29	10	440	1.6	2	2.66	<0.5	25	318	48	4.29
M65037		3.53	<0.01		<0.5	6.50	13	260	2.2	3	6.00	<0.5	41	541	98	6.75
M65038		3.98	<0.01		<0.5	6.18	21	720	2.2	<2	6.26	<0.5	40	540	52	6.72
M65039		4.05	0.01		<0.5	7.06	10	710	1.6	2	2.35	<0.5	23	254	45	4.06
M65040		4.32	<0.01		<0.5	7.35	<5	550	1.4	<2	1.85	<0.5	16	103	37	3.74
M65041		0.11	1.34		0.5	8.01	24	150	3.3	5	2.51	<0.5	20	73	35	5.72
M65042		4.02	<0.01		<0.5	7.34	6	610	1.2	2	1.66	<0.5	14	96	35	3.04
M65043		3.96	<0.01		<0.5	7.69	8	670	1.1	2	1.17	<0.5	16	105	35	3.15
M65044		3.77	<0.01		<0.5	7.67	11	760	1.5	3	2.21	<0.5	20	171	48	3.83
M65045		4.08	<0.01		<0.5	7.16	19	650	1.2	<2	3.22	<0.5	22	157	64	4.48
M65046		4.03	0.04		<0.5	7.05	44	850	1.4	3	3.40	<0.5	16	181	40	3.58
M65047		3.73	0.08		<0.5	7.68	109	1180	1.6	<2	0.76	1.4	13	82	30	2.66
M65048		4.24	0.03		<0.5	7.67	82	950	1.3	<2	1.43	0.5	16	128	38	3.10
M65049		2.60	<0.01		<0.5	7.61	35	530	1.5	<2	5.63	<0.5	38	85	56	10.40
M65050		2.79	<0.01		<0.5	7.63	41	550	1.5	<2	5.52	<0.5	36	47	54	10.55
M65051		2.51	0.02		<0.5	7.74	54	1170	1.3	2	1.35	1.3	20	142	44	3.30
M65052		3.87	0.01		<0.5	7.44	43	1090	1.2	3	1.25	0.9	15	114	44	3.08
M65053		3.87	0.01		<0.5	7.50	29	1020	1.3	2	1.24	1.1	16	105	45	3.01
M65054		4.03	<0.01		<0.5	6.82	67	760	1.5	3	4.72	<0.5	33	363	61	5.34
M65055		3.55	0.01		<0.5	6.63	79	1160	1.7	3	4.81	1.3	33	399	94	5.10
M65056		4.12	0.05		<0.5	6.97	64	1380	1.5	2	2.44	0.8	14	94	23	3.53
M65057		3.98	0.06		<0.5	7.35	74	1530	1.5	2	1.93	0.6	16	150	42	3.56
M65058		3.65	0.03		0.5	6.55	127	1250	1.6	<2	4.88	<0.5	31	502	49	5.22
M65059		3.71	<0.01		0.5	6.06	88	860	1.5	2	6.97	1.2	37	545	77	6.56
M65060		3.99	<0.01		0.6	7.41	37	770	1.1	<2	1.91	<0.5	19	167	49	3.54
M65061		0.48	<0.01		0.5	2.94	5	80	0.6	<2	37.0	<0.5	7	41	95	1.51
M65062		3.80	0.01		0.6	7.62	39	940	1.1	<2	1.62	<0.5	18	122	40	3.39
M65063		3.97	0.01		0.5	6.82	35	670	1.0	<2	1.29	0.6	14	98	36	2.85
M65064		4.07	0.01		0.9	7.54	71	1000	1.4	<2	1.65	3.4	21	199	46	3.39
M65065		3.87	0.01		0.6	7.45	77	830	1.4	<2	2.11	0.6	21	167	47	3.91
M65066		3.29	0.01		<0.5	7.62	49	620	1.1	2	1.07	<0.5	17	120	36	3.38
M65067		3.68	0.01	90.4	0.7	7.47	66	650	1.3	<2	2.18	0.6	23	235	58	4.44

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

Finalized Date: 4-APR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11038836

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
M65028		20	2.05	30	1.78	583	<1	2.44	54	620	6	0.52	<5	10	513	<10
M65029		20	1.54	30	4.43	1340	<1	2.09	92	1600	7	0.58	5	26	895	<10
M65030		20	1.31	30	2.32	777	<1	3.04	63	940	6	0.49	<5	13	1090	<10
M65031		20	2.19	30	2.72	794	<1	2.24	116	1310	10	0.71	<5	15	695	<10
M65032		20	1.12	40	3.91	1080	<1	2.71	134	1590	9	0.40	5	17	1010	<10
M65033		20	0.76	40	5.93	1460	<1	1.73	215	2170	8	0.10	<5	21	1720	<10
M65034		20	0.48	40	6.72	1390	<1	2.26	203	2230	5	0.32	<5	25	1160	<10
M65035		20	0.55	40	7.26	1380	<1	1.72	211	2340	4	0.03	<5	23	1010	<10
M65036		20	0.53	40	3.32	806	<1	3.73	122	1220	4	0.27	<5	15	631	<10
M65037		20	0.42	40	6.45	1445	<1	2.74	204	2360	6	0.15	6	24	964	<10
M65038		20	1.14	40	7.07	1585	<1	1.85	214	2310	6	0.10	6	24	876	<10
M65039		20	1.17	30	2.80	783	<1	3.22	109	1080	6	0.30	<5	12	461	<10
M65040		20	1.37	40	1.53	642	<1	3.22	51	880	7	0.30	<5	12	339	<10
M65041		30	3.43	20	1.80	513	1	3.56	75	1230	81	3.21	<5	5	358	<10
M65042		20	1.94	30	1.38	539	<1	2.98	51	570	6	0.29	<5	9	279	<10
M65043		20	1.78	40	1.28	504	<1	3.21	52	610	11	0.38	<5	10	341	<10
M65044		20	1.98	30	2.08	763	<1	2.94	73	860	15	0.26	<5	13	421	<10
M65045		20	1.55	30	2.74	1000	<1	2.80	64	1150	26	0.33	5	15	480	<10
M65046		20	3.08	30	1.81	869	<1	1.33	56	760	43	0.90	<5	12	351	<10
M65047		20	4.18	40	0.96	500	<1	0.19	48	580	81	0.96	5	9	117	<10
M65048		20	3.31	40	1.18	712	<1	1.05	57	610	31	0.81	<5	10	203	<10
M65049		20	1.02	50	2.44	1825	<1	1.76	59	3250	15	0.65	8	29	344	<10
M65050		20	1.11	50	2.26	1780	<1	1.71	47	3340	13	0.68	10	29	359	<10
M65051		20	3.64	40	1.16	686	<1	1.26	61	660	25	0.87	<5	11	219	<10
M65052		10	3.26	30	1.32	785	<1	1.66	54	640	31	0.55	<5	10	239	<10
M65053		10	2.70	30	1.40	718	<1	2.15	51	610	22	0.43	<5	10	244	<10
M65054		20	1.59	30	4.46	1835	1	2.20	137	1590	37	0.56	5	19	649	<10
M65055		10	2.33	30	4.17	1755	<1	1.42	160	1730	46	0.77	5	20	640	<10
M65056		20	3.54	30	1.75	1130	<1	1.04	45	590	52	1.40	5	9	267	<10
M65057		20	4.02	30	1.70	1005	<1	0.56	57	560	49	1.27	<5	10	205	<10
M65058		20	3.16	30	3.73	1735	<1	0.43	153	1380	49	0.96	<5	19	465	<10
M65059		10	2.30	40	6.52	2060	<1	0.68	175	2350	135	0.18	6	25	638	<10
M65060		20	2.21	30	1.93	924	3	2.15	67	790	49	0.38	<5	13	282	<10
M65061		<10	0.79	180	1.27	316	4	0.17	57	980	6	1.6	5	5	2080	<10
M65062		20	2.55	40	1.46	815	7	2.01	59	680	50	0.53	<5	12	246	<10
M65063		20	2.03	30	1.19	656	1	2.69	53	630	60	0.26	<5	9	236	<10
M65064		20	2.88	40	1.43	782	4	1.59	72	830	168	0.66	<5	12	280	<10
M65065		10	2.32	30	1.70	1055	2	1.70	74	770	40	0.42	<5	15	318	<10
M65066		10	1.70	40	1.19	746	4	2.73	57	630	13	0.35	<5	12	272	<10
M65067		10	1.76	40	2.05	1095	7	2.50	84	1030	35	0.38	<5	17	288	<10

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PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 4-APR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11038836

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
M65028		0.25	<10	10	86	<10	77
M65029		0.44	<10	10	182	<10	145
M65030		0.30	<10	10	123	<10	78
M65031		0.39	<10	10	115	<10	111
M65032		0.42	<10	10	129	<10	136
M65033		0.49	<10	<10	169	<10	178
M65034		0.55	<10	10	167	10	162
M65035		0.53	<10	<10	168	<10	161
M65036		0.35	<10	20	108	<10	101
M65037		0.54	<10	10	166	<10	165
M65038		0.56	<10	<10	171	<10	177
M65039		0.32	<10	10	107	<10	100
M65040		0.37	<10	10	91	<10	79
M65041		0.59	<10	20	74	<10	61
M65042		0.25	<10	10	77	<10	68
M65043		0.27	<10	10	85	<10	70
M65044		0.31	<10	10	101	<10	91
M65045		0.36	<10	10	129	10	116
M65046		0.32	<10	10	104	10	151
M65047		0.25	<10	<10	72	<10	398
M65048		0.26	<10	<10	84	<10	209
M65049		1.20	<10	<10	193	<10	162
M65050		1.23	<10	<10	194	<10	156
M65051		0.28	<10	<10	87	<10	396
M65052		0.27	<10	10	84	10	273
M65053		0.26	<10	10	78	<10	300
M65054		0.45	<10	10	138	10	200
M65055		0.44	<10	<10	138	10	363
M65056		0.23	<10	<10	73	10	240
M65057		0.25	<10	<10	80	<10	209
M65058		0.36	<10	<10	133	10	196
M65059		0.46	<10	<10	174	10	437
M65060		0.29	<10	10	92	<10	182
M65061		0.16	<10	20	98	<10	363
M65062		0.27	<10	10	89	<10	162
M65063		0.26	<10	10	77	<10	191
M65064		0.29	<10	<10	92	10	780
M65065		0.33	<10	<10	113	10	232
M65066		0.29	<10	10	93	<10	104
M65067		0.35	<10	10	126	<10	237

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PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 4-APR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11038836

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
M65068		3.77	0.01		0.7	7.61	61	740	1.3	<2	2.44	<0.5	27	221	69	4.67
M65069		4.16	0.01		<0.5	7.37	60	770	1.3	<2	1.93	<0.5	19	152	54	3.59
M65070		3.87	0.36		1.1	7.15	108	1060	1.6	<2	2.49	<0.5	24	196	84	4.53
M65071		3.52	0.10		0.6	7.67	68	620	1.1	<2	1.63	<0.5	22	166	50	4.17
M65072		4.20	0.01		<0.5	7.36	73	660	1.1	<2	1.45	<0.5	22	173	45	4.03
M65073		4.35	0.01		<0.5	7.51	50	740	1.3	<2	2.13	<0.5	22	219	47	3.84
M65074		3.88	0.12		0.7	7.36	39	1080	1.4	<2	1.53	<0.5	19	138	41	3.67
M65075		3.88	0.01		<0.5	7.02	33	960	1.6	<2	4.83	<0.5	30	259	71	5.05
M65076		4.31	0.01		0.6	6.32	32	920	2.0	<2	7.30	<0.5	40	410	90	6.89
M65077		1.94	0.02		<0.5	7.66	15	1070	1.5	<2	4.97	<0.5	43	43	60	8.87
M65078		5.31	0.01		<0.5	6.94	23	480	1.9	<2	6.36	<0.5	36	340	102	6.95
M65079		4.54	<0.01		0.5	6.95	22	1310	1.7	<2	4.79	<0.5	36	356	114	6.39
M65080		2.70	<0.01		<0.5	7.51	17	520	1.5	<2	5.24	<0.5	41	114	53	9.46
M65081		0.10	5.92		0.7	7.30	26	170	2.4	<2	1.58	<0.5	14	53	23	4.91
M65082		3.79	0.07		<0.5	7.53	17	610	0.8	<2	2.14	<0.5	19	158	35	3.97
M65083		3.57	0.02		<0.5	7.56	12	870	1.3	<2	1.49	<0.5	16	118	37	3.53
M65084		3.36	0.03		<0.5	7.23	18	780	1.3	<2	1.79	0.9	19	163	37	3.65
M65085		3.95	<0.01		<0.5	7.61	12	680	1.0	<2	1.30	<0.5	21	149	40	3.60
M65086		3.64	<0.01		<0.5	7.35	12	580	0.8	<2	1.00	<0.5	16	121	26	3.47
M65087		3.87	0.01		<0.5	7.35	18	540	0.9	<2	1.46	<0.5	19	151	42	3.90
M65088		3.11	<0.01		<0.5	7.29	17	520	1.0	<2	1.14	<0.5	18	152	39	3.57
M65089		3.87	<0.01		<0.5	7.42	14	720	1.0	<2	1.30	<0.5	19	181	36	3.56
M65090		3.38	<0.01	83.1	<0.5	7.66	15	830	1.2	<2	1.57	0.5	20	188	44	3.94
M65091		3.96	0.04		0.6	7.23	24	630	1.0	<2	2.31	<0.5	24	222	58	4.61
M65092		3.97	<0.01		<0.5	7.43	32	680	1.0	<2	1.16	<0.5	22	193	39	4.19
M65093		4.10	<0.01		<0.5	7.70	37	880	1.1	<2	1.30	<0.5	28	235	59	5.12
M65094		3.79	0.05		1.5	7.58	22	900	1.2	<2	2.67	1.0	28	215	101	6.17
M65095		3.91	0.09		<0.5	7.60	13	930	1.1	<2	1.47	0.7	22	179	56	4.53
M65096		3.75	0.06	90.9	0.7	6.98	13	730	1.2	<2	1.33	0.7	22	192	63	5.38
M65097		4.40	0.06	94.0	<0.5	7.19	18	560	0.8	<2	1.65	<0.5	21	157	48	4.69
M65098		3.49	<0.01		<0.5	6.86	31	930	1.5	<2	1.76	<0.5	29	256	36	4.95
M65099		4.06	<0.01		<0.5	7.19	28	1030	1.0	<2	2.72	<0.5	35	311	69	5.59
M65100		4.05	0.01		<0.5	7.26	14	1030	0.9	<2	3.14	<0.5	32	251	62	5.58
M65101		<0.02	0.01		<0.5	7.65	17	1060	0.9	<2	3.39	<0.5	35	280	72	5.97
M65102		4.59	0.02		<0.5	7.23	23	820	0.7	<2	2.56	<0.5	36	281	61	5.75
M65103		3.65	0.01		<0.5	7.50	10	760	0.7	<2	2.53	<0.5	34	297	66	5.99
M65104		4.25	<0.01		<0.5	7.33	9	600	0.7	<2	2.71	<0.5	32	286	55	6.29
M65105		3.80	<0.01		<0.5	7.83	<5	620	0.8	<2	3.36	<0.5	34	309	62	6.35
M65106		3.58	0.01		<0.5	7.38	<5	610	0.8	<2	3.00	<0.5	33	261	62	5.48
M65107		4.10	<0.01	87.3	<0.5	7.17	11	480	0.9	<2	4.21	<0.5	37	426	66	6.66

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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
M65068		20	2.17	40	2.43	1170	10	2.16	83	1420	40	0.30	<5	21	351	<10
M65069		20	2.19	30	1.70	907	2	2.28	74	730	28	0.40	<5	12	302	<10
M65070		10	3.31	40	1.96	1120	4	0.58	79	990	64	1.08	<5	16	282	<10
M65071		20	1.88	40	1.67	938	4	2.67	80	700	21	0.42	<5	15	239	<10
M65072		20	1.90	30	1.42	790	1	2.39	88	680	11	0.43	<5	15	197	<10
M65073		10	1.99	40	1.42	763	1	2.44	85	720	9	0.58	<5	15	257	<10
M65074		20	2.91	30	1.57	695	32	1.45	77	640	10	0.37	<5	13	210	<10
M65075		10	1.79	40	3.44	1225	2	2.12	114	1440	10	0.49	<5	23	698	<10
M65076		10	1.51	40	5.60	1705	<1	1.31	155	2440	7	0.34	<5	33	1180	<10
M65077		20	1.34	50	3.17	1470	1	1.62	48	3140	6	0.62	<5	30	429	<10
M65078		10	1.00	40	4.92	1430	1	2.62	143	1970	7	0.34	<5	33	745	<10
M65079		10	2.30	30	4.34	1530	1	1.71	152	1630	13	0.43	<5	29	561	<10
M65080		20	1.18	50	2.47	1510	1	1.62	67	2920	12	0.72	<5	30	410	<10
M65081		20	2.27	20	1.22	367	1	3.80	49	1120	68	3.10	<5	5	256	<10
M65082		20	1.64	30	1.31	610	7	3.48	68	800	9	0.91	<5	13	351	<10
M65083		20	2.23	30	1.21	739	3	2.52	64	610	14	0.37	<5	11	305	<10
M65084		10	2.12	30	1.33	915	5	2.43	81	580	38	0.41	<5	13	317	<10
M65085		10	1.62	30	1.33	881	1	3.34	84	610	25	0.18	<5	14	332	<10
M65086		20	1.27	30	1.26	782	1	3.66	70	600	10	0.15	<5	12	294	<10
M65087		10	1.43	30	1.27	915	1	3.58	74	610	9	0.36	<5	12	301	<10
M65088		10	1.21	40	1.23	920	1	3.73	71	680	11	0.29	<5	12	294	<10
M65089		10	1.55	40	1.25	903	1	3.53	76	670	12	0.32	<5	12	345	<10
M65090		10	1.93	40	1.32	1210	1	3.08	83	680	17	0.45	<5	13	361	<10
M65091		10	1.53	40	1.38	1075	1	2.69	81	630	22	0.97	<5	13	257	<10
M65092		20	1.61	30	1.46	1090	1	3.11	93	620	13	0.28	<5	14	263	<10
M65093		20	2.01	30	1.76	1230	1	2.70	113	600	17	0.51	<5	18	299	<10
M65094		10	2.06	30	2.35	2090	2	1.92	120	530	133	0.65	<5	19	343	<10
M65095		10	2.21	30	1.44	1345	1	2.53	86	660	32	0.39	<5	16	352	<10
M65096		10	1.50	30	1.51	1290	7	2.64	80	650	92	0.60	<5	13	272	<10
M65097		10	1.27	30	1.36	1060	2	3.42	78	620	41	0.49	<5	13	288	<10
M65098		20	2.03	10	1.78	1195	1	2.89	102	630	24	0.37	<5	14	310	<10
M65099		10	2.23	20	2.21	1245	1	2.37	149	540	20	0.41	<5	21	397	<10
M65100		10	2.47	10	2.22	1295	1	2.35	133	490	25	0.16	<5	22	406	<10
M65101		20	2.62	10	2.34	1350	1	2.46	147	520	25	0.20	<5	23	424	<10
M65102		10	1.86	10	2.22	1195	<1	2.49	155	520	16	0.08	<5	21	373	<10
M65103		10	1.59	10	2.20	1215	1	2.51	155	550	8	0.08	<5	22	394	<10
M65104		20	1.20	10	2.21	1285	2	2.67	146	540	9	0.12	<5	23	394	<10
M65105		20	1.48	20	2.33	1385	1	2.75	165	650	13	0.10	<5	24	551	<10
M65106		10	1.36	10	1.95	1295	1	2.89	148	570	13	0.09	<5	20	534	<10
M65107		10	0.96	20	3.74	1420	1	2.60	148	930	12	0.05	<5	23	563	<10

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

Finalized Date: 4-APR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11038836

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
M65068		0.38	<10	<10	146	<10	166
M65069		0.28	<10	10	97	<10	95
M65070		0.33	<10	<10	123	10	198
M65071		0.33	<10	10	113	<10	91
M65072		0.31	<10	10	110	<10	88
M65073		0.32	<10	10	107	<10	87
M65074		0.29	<10	<10	109	<10	76
M65075		0.39	<10	10	156	<10	105
M65076		0.49	<10	<10	217	<10	146
M65077		1.32	<10	<10	200	10	137
M65078		0.53	<10	10	206	<10	134
M65079		0.45	<10	<10	183	<10	138
M65080		1.16	<10	<10	192	<10	120
M65081		0.41	10	20	51	<10	53
M65082		0.30	<10	20	104	<10	58
M65083		0.26	<10	10	91	<10	136
M65084		0.28	<10	10	107	<10	344
M65085		0.31	<10	20	103	<10	137
M65086		0.28	<10	20	86	<10	83
M65087		0.29	<10	20	91	<10	116
M65088		0.30	<10	10	92	<10	112
M65089		0.29	<10	10	90	<10	133
M65090		0.31	<10	10	96	<10	238
M65091		0.30	<10	10	92	<10	128
M65092		0.33	<10	10	107	<10	120
M65093		0.37	<10	10	136	<10	153
M65094		0.36	<10	10	142	<10	412
M65095		0.32	<10	10	117	10	283
M65096		0.31	<10	<10	100	<10	221
M65097		0.30	<10	10	102	<10	143
M65098		0.33	<10	10	117	<10	114
M65099		0.41	<10	<10	155	<10	106
M65100		0.40	<10	<10	156	<10	114
M65101		0.42	<10	<10	167	<10	122
M65102		0.39	<10	<10	156	<10	97
M65103		0.40	<10	10	161	<10	95
M65104		0.44	<10	<10	162	<10	171
M65105		0.43	<10	10	169	<10	90
M65106		0.39	<10	10	150	<10	87
M65107		0.46	<10	<10	168	<10	102

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PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 4-APR-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11038836

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	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
M65108		3.79	0.01		<0.5	7.27	7	400	0.8	<2	3.10	<0.5	29	234	62	5.24
M65109		4.15	0.01		<0.5	7.47	<5	620	0.8	<2	2.91	<0.5	29	242	57	5.36
M65110		3.83	0.02		<0.5	7.65	9	750	0.9	<2	2.92	<0.5	31	263	60	5.29
M65111		3.72	<0.01		<0.5	7.56	24	830	0.7	<2	2.01	<0.5	30	280	38	6.14
M65112		3.99	<0.01	91.3	<0.5	7.08	26	690	1.2	<2	3.39	<0.5	25	265	19	5.89
M65113		4.05	0.03		<0.5	7.12	7	630	0.7	<2	1.66	<0.5	22	189	39	4.53
M65114		4.09	0.01		<0.5	7.26	8	620	0.8	<2	1.62	<0.5	19	176	43	4.15
M65115		4.10	0.17		<0.5	7.51	16	1170	0.9	<2	1.36	<0.5	23	165	36	4.49
M65116		3.81	0.23		0.5	7.64	18	990	1.0	<2	2.08	1.1	27	210	63	5.30
M65117		3.93	0.01		<0.5	7.29	10	800	0.9	<2	1.78	<0.5	19	195	39	4.65
M65118		3.80	0.02		0.5	6.95	8	620	0.9	<2	2.00	0.6	17	144	40	4.42
M65119		3.52	0.01		<0.5	7.02	13	570	0.8	<2	1.73	0.6	20	146	48	4.21
M65120		3.82	0.02		<0.5	7.35	13	670	0.8	<2	1.50	<0.5	21	175	37	4.61
M65121		0.10	1.35		0.6	8.80	24	160	3.3	<2	2.67	<0.5	22	67	33	6.32
M65122		3.98	0.03		<0.5	7.23	16	570	0.6	<2	1.86	0.7	22	164	35	4.42
M65123		4.01	<0.01		<0.5	6.93	28	730	0.9	<2	1.40	0.9	22	149	75	4.34
M65124		4.11	<0.01		0.5	7.19	19	710	1.0	<2	2.41	1.1	23	178	45	4.44
M65125		4.14	<0.01		0.7	7.20	36	640	1.0	<2	2.04	<0.5	27	198	53	4.87
M65126		3.64	<0.01		<0.5	6.82	30	460	0.8	<2	2.12	<0.5	24	179	46	4.39
M65127		3.97	0.02		<0.5	7.11	39	1000	0.9	<2	2.45	<0.5	31	247	52	5.28
M65128		3.90	<0.01		0.5	7.23	94	720	1.0	<2	2.10	<0.5	24	210	56	5.00
M65129		4.26	0.17		1.1	6.49	108	930	0.9	<2	0.98	2.3	18	160	25	5.63
M65130		3.68	0.03		0.9	6.82	123	700	0.8	<2	2.62	0.6	23	213	41	5.34
M65131		4.67	0.17		1.2	6.82	141	1000	0.8	<2	1.89	1.2	20	145	41	6.65
M65132		4.46	1.81		1.5	7.04	116	770	1.2	<2	1.87	0.8	24	236	46	8.63
M65133		4.08	0.45		1.2	6.69	128	710	1.0	3	1.26	1.2	20	149	31	7.55
M65134		3.36	0.46		1.0	6.25	81	680	0.7	2	4.16	1.1	17	195	16	7.66
M65135		5.23	0.29		1.2	6.50	84	690	1.0	3	2.01	2.1	17	138	15	6.86
M65136		4.12	0.10		1.0	6.70	68	620	0.8	<2	1.65	20.6	19	136	27	5.08
M65137		3.75	0.05		0.5	7.48	41	480	1.0	<2	1.44	2.8	22	188	48	5.20
M65138		3.82	<0.01		0.5	7.68	36	380	1.0	<2	1.30	<0.5	27	190	44	4.83
M65139		4.34	0.03		0.6	7.27	24	670	0.7	<2	1.90	0.7	17	112	28	3.68
M65140		2.50	<0.01		0.6	6.81	32	750	0.7	<2	2.68	0.5	22	155	47	3.90
M65141		0.47	<0.01		<0.5	2.87	<5	80	0.6	<2	36.8	<0.5	7	33	93	1.49
M65142		2.76	<0.01		<0.5	7.39	15	450	0.7	<2	2.79	<0.5	19	163	40	4.59
M65143		4.05	0.01		1.0	7.54	8	150	0.9	<2	4.32	<0.5	45	86	302	9.77
M65144		3.92	<0.01		0.5	7.79	5	210	0.7	<2	5.61	<0.5	43	92	214	9.55

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PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 4-APR-2011
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Project: 1916

CERTIFICATE OF ANALYSIS TM11038836

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
M65108		10	0.90	20	2.32	1275	<1	3.49	122	670	10	0.09	<5	19	494	<10
M65109		20	1.52	20	1.90	1305	1	3.06	129	560	17	0.10	<5	20	505	<10
M65110		10	1.85	20	1.81	1185	1	2.77	137	560	16	0.12	<5	21	508	<10
M65111		10	1.75	10	2.22	1035	1	2.42	153	530	11	0.09	<5	22	308	<10
M65112		20	1.78	20	2.25	1045	1	2.17	122	560	13	0.22	<5	20	406	<10
M65113		10	1.28	20	1.58	965	<1	3.00	95	600	17	0.11	<5	15	399	<10
M65114		10	1.23	30	1.34	991	1	3.43	77	680	16	0.27	<5	13	423	<10
M65115		20	2.62	30	1.32	923	1	2.50	88	710	23	0.59	<5	14	363	<10
M65116		10	2.57	20	1.63	1055	1	2.28	121	690	60	0.47	<5	17	339	<10
M65117		10	1.88	20	1.36	1315	<1	3.00	87	670	46	0.39	<5	14	400	<10
M65118		10	1.33	20	1.36	1485	1	3.16	71	700	33	0.27	<5	12	418	<10
M65119		20	1.28	20	1.50	1130	1	3.56	80	690	27	0.12	<5	14	368	<10
M65120		20	1.43	20	1.52	1015	1	3.44	87	700	33	0.24	<5	15	340	<10
M65121		20	3.52	10	1.91	528	2	3.60	76	1140	85	3.43	<5	6	361	<10
M65122		20	1.47	20	1.43	871	1	3.45	85	700	26	0.35	<5	15	309	<10
M65123		20	1.88	20	1.39	1110	1	2.80	77	630	63	0.53	<5	13	312	<10
M65124		10	1.87	20	1.69	1335	1	3.13	91	690	76	0.30	<5	14	372	<10
M65125		10	1.21	20	1.83	1405	1	3.00	111	670	43	0.37	<5	18	480	<10
M65126		20	1.01	20	1.63	1055	1	3.22	91	640	30	0.34	<5	15	369	<10
M65127		20	2.12	20	2.09	1200	1	2.52	113	650	38	0.60	<5	18	401	<10
M65128		10	1.46	20	1.83	1340	1	2.78	106	690	40	0.36	<5	17	404	<10
M65129		20	2.40	20	1.58	1365	1	1.47	77	660	137	1.23	<5	13	263	<10
M65130		20	1.91	20	1.77	1490	<1	2.25	101	680	84	0.44	<5	16	275	<10
M65131		20	2.97	30	1.73	1675	1	1.31	72	640	86	1.62	<5	12	290	<10
M65132		20	2.73	30	2.00	1925	5	0.25	114	520	82	1.94	<5	20	158	<10
M65133		10	2.44	40	1.92	1810	1	0.66	88	560	73	1.53	<5	15	149	<10
M65134		10	2.51	30	1.83	2020	2	0.32	84	440	50	1.26	<5	16	135	<10
M65135		10	2.20	40	1.72	1595	1	0.72	80	630	63	1.32	<5	13	190	<10
M65136		10	2.01	40	1.48	1335	<1	1.80	69	680	51	0.85	<5	12	302	<10
M65137		10	1.57	30	1.82	1260	1	2.59	93	710	78	0.46	<5	16	329	<10
M65138		10	1.15	30	1.83	929	1	3.15	105	650	29	0.26	<5	19	311	<10
M65139		10	2.60	40	1.23	675	1	2.78	64	690	142	0.25	<5	11	282	<10
M65140		10	3.16	30	1.41	768	1	1.66	84	610	55	0.19	<5	16	216	<10
M65141		<10	0.77	180	1.22	307	4	0.17	53	950	7	1.5	6	5	2050	<10
M65142		10	1.93	30	1.72	835	1	2.77	81	670	16	0.16	<5	16	249	<10
M65143		20	0.61	20	3.83	1895	<1	2.58	51	550	4	0.20	<5	39	269	<10
M65144		20	0.96	20	3.36	2050	<1	2.46	51	540	4	0.11	<5	41	365	<10

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CERTIFICATE OF ANALYSIS TM11038836

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
M65108		0.39	<10	10	143	<10	77
M65109		0.40	<10	10	142	<10	86
M65110		0.41	<10	<10	148	<10	85
M65111		0.41	<10	10	156	<10	87
M65112		0.39	<10	<10	148	<10	82
M65113		0.33	<10	<10	111	<10	81
M65114		0.31	<10	10	96	<10	87
M65115		0.32	<10	<10	104	<10	105
M65116		0.36	<10	<10	130	<10	297
M65117		0.31	<10	<10	105	<10	169
M65118		0.30	<10	10	95	<10	235
M65119		0.31	<10	10	104	<10	181
M65120		0.34	<10	10	111	<10	123
M65121		0.59	10	10	75	<10	61
M65122		0.34	<10	10	108	<10	205
M65123		0.29	<10	<10	96	<10	244
M65124		0.31	<10	10	109	<10	386
M65125		0.35	<10	<10	126	<10	126
M65126		0.32	<10	10	113	<10	97
M65127		0.36	<10	<10	133	<10	91
M65128		0.34	<10	<10	125	<10	159
M65129		0.27	<10	<10	96	<10	780
M65130		0.33	<10	<10	117	<10	267
M65131		0.26	<10	<10	90	<10	460
M65132		0.37	<10	<10	162	<10	406
M65133		0.29	<10	<10	111	<10	494
M65134		0.31	<10	<10	124	<10	514
M65135		0.29	<10	<10	95	<10	733
M65136		0.29	<10	<10	88	20	6570
M65137		0.36	<10	10	120	<10	985
M65138		0.40	<10	10	136	<10	133
M65139		0.29	<10	10	83	<10	220
M65140		0.34	<10	<10	109	<10	181
M65141		0.15	<10	20	98	<10	365
M65142		0.35	<10	10	117	<10	84
M65143		0.76	<10	10	310	<10	133
M65144		0.79	<10	10	317	<10	106