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: 11-JAN-2011
Account: NORTEX

CERTIFICATE TM10193090

Project: 1916

P.O. No.: 10-112

This report is for 150 Drill Core samples submitted to our lab in Timmins, ON, Canada on 17-DEC-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
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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 TM10193090

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
Y19960		3.44	0.01	68.7	<0.5	7.15	15	2110	3.2	<2	4.25	<0.5	19	37	39	4.47
Y19961		<0.02	0.02		<0.5	7.44	21	1950	3.1	<2	4.18	<0.5	19	32	37	4.49
Y19962		3.85	0.19		<0.5	7.23	11	2300	3.5	<2	4.75	<0.5	22	30	83	5.53
Y19963		4.13	0.29	76.5	<0.5	6.78	12	160	2.9	<2	4.41	<0.5	22	23	79	5.34
Y19964		4.00	0.09		<0.5	7.24	11	740	2.5	<2	4.70	<0.5	28	29	53	5.78
Y19965		3.68	0.01		<0.5	7.30	10	4480	2.3	<2	4.77	<0.5	13	19	154	5.56
Y19966		3.23	0.11		<0.5	7.06	6	3680	2.9	<2	4.88	<0.5	19	25	64	5.35
Y19967		3.11	0.04		<0.5	6.71	5	3640	2.8	<2	4.63	<0.5	18	22	87	5.06
Y19968		4.35	0.23		0.5	7.01	13	240	3.3	<2	4.95	<0.5	22	20	50	5.58
Y19969		3.69	0.14		<0.5	7.52	9	3060	4.5	<2	4.45	<0.5	17	22	56	5.47
Y19970		3.58	0.24		<0.5	6.37	11	290	4.3	<2	4.35	<0.5	21	17	375	4.74
Y19971		4.02	0.09	93.5	<0.5	7.32	8	1920	4.6	<2	4.42	<0.5	18	39	33	5.30
Y19972		2.97	0.29		<0.5	7.27	9	3840	3.4	<2	4.56	<0.5	19	17	54	5.27
Y19973		4.97	0.11		<0.5	7.51	10	4030	3.2	<2	5.20	<0.5	18	18	74	5.33
Y19974		3.97	0.07		<0.5	7.39	8	2960	3.9	<2	5.06	<0.5	20	19	140	5.40
Y19975		3.61	0.27		<0.5	6.86	6	240	3.4	<2	4.91	<0.5	23	17	20	5.14
Y19976		3.69	0.12		<0.5	7.30	9	1210	3.0	<2	5.20	<0.5	18	18	29	5.28
Y19977		3.98	0.02		<0.5	7.12	<5	3840	3.2	<2	4.88	<0.5	16	18	53	5.37
Y19978		3.73	0.06		<0.5	7.25	8	3240	2.8	<2	4.74	<0.5	17	26	55	4.95
Y19979		3.55	0.20		<0.5	6.87	10	310	2.0	<2	5.16	<0.5	16	22	49	4.57
Y19980		3.85	0.13		<0.5	7.16	14	630	2.7	<2	5.57	<0.5	18	27	42	4.49
Y19981		0.11	1.30		0.5	8.02	21	160	3.4	3	2.52	<0.5	21	75	30	5.90
Y19982		4.01	0.17		<0.5	7.62	7	2060	3.1	<2	5.18	<0.5	19	25	46	5.15
Y19983		4.72	0.02		<0.5	7.26	10	3560	2.2	<2	4.98	<0.5	18	26	31	4.58
Y19984		4.06	0.11		<0.5	7.27	5	3320	2.6	<2	4.38	<0.5	14	23	73	4.36
Y19985		3.91	0.01		<0.5	6.73	<5	3690	2.5	2	4.17	<0.5	13	27	82	4.23
Y19986		3.59	0.01		<0.5	7.22	9	2770	2.1	<2	3.82	<0.5	17	27	50	4.35
Y19987		4.55	0.19		<0.5	6.90	<5	2600	2.3	<2	4.06	<0.5	20	36	61	4.04
Y19988		3.96	0.05		<0.5	6.36	10	2440	2.0	<2	3.50	<0.5	14	23	38	3.85
Y19989		4.98	0.03		<0.5	7.44	7	2750	2.8	<2	5.06	<0.5	15	37	30	4.16
Y19990		3.26	0.47		<0.5	6.31	11	170	5.2	<2	3.46	<0.5	18	38	38	4.77
Y19991		1.75	0.10		<0.5	7.81	12	390	4.2	2	4.56	<0.5	24	38	101	4.35
Y19992		3.91	0.05		<0.5	7.36	7	1950	5.6	<2	3.66	<0.5	19	48	47	4.00
Y19993		3.83	0.03		<0.5	7.24	5	2110	3.6	<2	3.79	<0.5	15	76	10	3.69
Y19994		3.77	0.03		<0.5	7.32	8	1770	4.2	<2	4.86	<0.5	16	65	49	4.04
Y19995		4.24	0.21		<0.5	6.52	5	260	2.4	<2	3.85	<0.5	16	21	41	3.95
Y19996		4.27	0.31		<0.5	6.74	7	430	2.1	<2	3.23	<0.5	16	35	48	3.82
Y19997		3.94	0.19		<0.5	7.32	8	560	2.3	<2	3.93	<0.5	15	23	36	3.95
Y19998		4.14	0.17		<0.5	7.29	16	500	2.5	<2	4.22	<0.5	18	22	43	3.87
Y19999		3.67	0.05	91.8	<0.5	7.31	20	1190	3.3	<2	3.88	<0.5	21	28	41	3.80

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CERTIFICATE OF ANALYSIS TM10193090

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
Y19960		20	3.05	60	1.58	1275	9	3.50	20	2010	17	1.44	<5	11	1485	<10
Y19961		20	3.04	70	1.58	1300	9	3.56	21	1910	16	1.37	<5	12	1480	<10
Y19962		20	4.32	100	1.72	1545	1	2.13	18	2850	35	1.24	<5	15	1875	<10
Y19963		20	3.64	90	1.68	1460	<1	2.51	16	2750	34	3.34	<5	15	1820	<10
Y19964		20	4.10	100	1.78	1615	2	2.92	18	2840	25	1.85	<5	15	2150	<10
Y19965		20	4.26	90	1.79	1640	1	2.22	13	2840	41	0.21	<5	14	2000	<10
Y19966		20	3.38	100	1.82	1660	1	3.27	19	2580	25	0.47	<5	14	2340	<10
Y19967		10	3.41	100	1.71	1475	<1	2.84	15	2530	20	0.39	<5	14	2280	<10
Y19968		20	3.50	100	1.73	1565	1	2.57	19	2870	34	2.75	<5	14	1670	<10
Y19969		20	4.51	110	1.64	1470	1	1.54	15	2820	23	1.01	<5	14	1650	<10
Y19970		20	3.43	90	1.53	1265	1	1.56	13	2220	18	2.32	<5	12	1395	<10
Y19971		20	4.62	110	1.69	1450	<1	1.56	15	2450	18	1.16	<5	13	1595	<10
Y19972		20	4.58	100	1.67	1415	2	2.25	16	2590	18	0.29	<5	13	1825	<10
Y19973		20	4.85	90	1.50	1390	1	2.40	13	2720	17	0.34	<5	13	1885	<10
Y19974		20	4.65	90	1.73	1385	<1	1.69	15	2890	15	0.40	<5	15	1200	<10
Y19975		20	3.69	90	1.18	920	<1	2.05	16	2530	12	2.83	<5	14	1295	<10
Y19976		20	4.12	90	1.67	1120	<1	1.61	17	2560	17	1.73	<5	15	1220	<10
Y19977		20	4.55	90	1.83	1405	2	2.00	15	2590	31	0.18	<5	15	1855	<10
Y19978		20	3.70	80	1.66	1350	2	2.76	18	2260	18	0.47	<5	14	1445	<10
Y19979		20	3.29	80	1.65	1615	1	2.98	15	4210	27	1.88	<5	13	1935	<10
Y19980		10	3.49	80	1.54	1485	1	2.85	17	2500	18	1.65	<5	13	1825	<10
Y19981		20	3.50	20	1.88	503	1	3.54	79	1170	76	2.98	<5	6	346	<10
Y19982		20	3.96	70	1.48	1465	<1	2.92	19	2470	28	1.49	<5	14	1280	<10
Y19983		20	3.78	60	1.52	1400	1	3.29	16	2020	23	0.81	<5	12	1560	<10
Y19984		20	3.76	70	1.33	1180	2	3.16	15	1910	20	0.19	<5	12	1205	<10
Y19985		10	3.85	50	1.31	1060	2	3.01	16	1850	20	0.13	<5	11	1480	<10
Y19986		20	3.95	60	1.36	1115	<1	3.19	19	1830	22	0.16	<5	12	1055	<10
Y19987		10	3.64	50	1.23	1095	1	3.00	18	1690	20	0.62	<5	12	953	<10
Y19988		20	3.43	50	1.18	997	1	2.86	16	1540	15	0.13	<5	10	1055	<10
Y19989		20	3.60	60	1.75	1120	<1	2.96	20	1770	18	0.14	<5	12	1050	<10
Y19990		20	3.25	60	1.19	655	1	0.92	24	1440	12	2.25	<5	12	1115	<10
Y19991		20	4.18	50	1.46	1405	3	3.15	22	2370	53	2.27	<5	13	1325	<10
Y19992		20	3.66	50	1.44	940	1	2.33	26	1860	12	1.26	<5	12	976	<10
Y19993		20	3.24	40	1.51	931	<1	2.74	27	1620	14	0.26	<5	11	1040	<10
Y19994		20	3.39	60	1.78	1285	<1	2.14	27	1780	32	0.75	5	12	1025	<10
Y19995		20	2.57	50	1.53	1135	4	3.04	17	1530	29	2.86	<5	10	1255	<10
Y19996		20	2.89	50	1.16	960	<1	3.15	18	1570	22	2.32	<5	10	1140	<10
Y19997		20	3.11	50	1.47	1075	<1	3.50	15	1700	22	2.11	<5	11	1195	<10
Y19998		20	2.53	50	1.26	1055	3	3.69	19	1790	27	2.16	<5	10	1265	<10
Y19999		20	3.46	50	0.91	821	4	2.81	20	1630	18	1.82	<5	11	1090	<10

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CERTIFICATE OF ANALYSIS TM10193090

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
Y19960		0.20	<10	<10	127	10	77
Y19961		0.22	<10	<10	121	10	72
Y19962		0.28	<10	<10	166	<10	97
Y19963		0.27	<10	<10	152	20	83
Y19964		0.27	<10	<10	163	<10	68
Y19965		0.28	<10	<10	160	<10	66
Y19966		0.28	<10	<10	149	10	66
Y19967		0.25	<10	<10	152	<10	72
Y19968		0.29	<10	<10	150	20	76
Y19969		0.31	<10	<10	156	10	79
Y19970		0.21	<10	<10	152	10	77
Y19971		0.26	<10	<10	160	10	90
Y19972		0.26	<10	<10	158	10	87
Y19973		0.30	<10	<10	165	<10	86
Y19974		0.28	<10	<10	175	10	109
Y19975		0.26	<10	<10	171	10	79
Y19976		0.30	<10	<10	157	10	97
Y19977		0.27	<10	<10	157	10	82
Y19978		0.27	<10	<10	151	10	65
Y19979		0.27	<10	<10	100	20	64
Y19980		0.28	<10	<10	126	10	69
Y19981		0.61	<10	<10	75	<10	59
Y19982		0.31	<10	<10	153	40	85
Y19983		0.23	<10	<10	121	10	66
Y19984		0.28	<10	<10	122	<10	53
Y19985		0.29	<10	<10	134	10	48
Y19986		0.28	<10	<10	123	10	51
Y19987		0.24	<10	<10	126	10	57
Y19988		0.22	<10	<10	113	10	50
Y19989		0.20	<10	<10	113	10	77
Y19990		0.17	<10	<10	214	10	81
Y19991		0.23	<10	<10	168	20	74
Y19992		0.24	<10	<10	141	10	68
Y19993		0.19	<10	10	103	10	64
Y19994		0.19	<10	10	124	10	98
Y19995		0.18	<10	10	99	20	60
Y19996		0.22	<10	10	106	20	51
Y19997		0.18	<10	10	118	10	58
Y19998		0.18	<10	10	97	20	63
Y19999		0.17	<10	10	115	10	74

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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
Y20000		2.70	0.35		<0.5	7.48	16	1990	3.7	<2	3.43	<0.5	16	29	16	3.28
Y20001		0.52	<0.01		<0.5	2.89	5	90	0.6	<2	38.6	<0.5	8	38	96	1.61
Y20002		3.90	0.02		<0.5	7.52	17	2480	4.1	<2	3.25	<0.5	12	26	23	3.69
Y20003		4.17	0.08		<0.5	6.89	14	750	2.7	<2	3.80	<0.5	14	21	25	3.18
Y20004		4.17	0.22		<0.5	7.26	18	2290	2.9	<2	2.91	<0.5	10	27	13	3.28
Y20005		4.02	0.21		<0.5	7.51	17	2370	2.2	<2	3.16	<0.5	13	26	19	3.51
Y20006		3.86	0.33		<0.5	6.95	19	600	2.4	5	3.36	<0.5	18	25	98	3.37
Y20007		4.69	0.03		<0.5	7.38	15	2310	3.3	<2	2.96	<0.5	14	23	10	3.33
Y20008		4.51	0.08		<0.5	7.24	<5	3660	3.0	<2	3.58	<0.5	15	25	201	3.18
Y20009		3.82	0.09		<0.5	7.23	<5	3390	3.1	<2	4.72	<0.5	17	36	88	4.23
Y20010		3.91	0.03		<0.5	7.42	7	3060	3.4	<2	4.79	<0.5	19	39	29	3.96
Y20011		4.05	0.03		<0.5	7.55	6	3120	3.7	<2	4.87	<0.5	18	47	56	4.29
Y20012		3.41	<0.01		<0.5	7.76	<5	3180	3.6	<2	3.70	<0.5	16	46	18	4.41
Y20013		5.20	0.06		<0.5	7.34	7	3390	3.4	<2	3.95	<0.5	17	49	62	4.43
Y20014		4.13	<0.01		<0.5	7.76	6	2450	3.7	<2	4.16	<0.5	15	45	28	4.59
Y20015		3.98	<0.01		<0.5	7.89	<5	4230	4.3	<2	4.87	<0.5	15	50	128	5.45
Y20016		2.40	0.03		<0.5	7.51	8	2080	3.9	<2	4.49	<0.5	21	41	24	4.66
Y20017		2.90	<0.01		<0.5	7.52	<5	1940	4.9	<2	5.08	<0.5	14	53	17	4.37
Y20018		3.90	0.08		<0.5	4.42	795	740	6.1	<2	8.31	<0.5	55	1930	46	6.56
Y20019		3.99	0.02		<0.5	7.46	13	1180	5.3	<2	3.38	<0.5	19	126	44	3.91
Y20020		3.40	0.03		<0.5	6.90	13	1040	3.5	<2	3.75	<0.5	14	44	26	3.57
Y20021		0.11	5.92		0.5	7.21	24	190	2.4	2	1.64	<0.5	15	52	25	5.35
Y20022		2.60	0.02		<0.5	7.23	7	1030	3.8	<2	3.45	<0.5	18	99	32	3.40
Y20023		5.28	0.01		<0.5	4.36	16	650	3.0	<2	6.59	<0.5	64	1460	22	5.60
Y20024		3.38	0.04		<0.5	7.18	13	650	3.8	<2	2.84	<0.5	40	213	58	4.03
Y20025		3.69	0.03		<0.5	6.03	16	800	2.6	<2	5.70	<0.5	40	275	110	6.19
Y20026		4.02	0.03		<0.5	6.02	21	590	3.2	<2	5.43	<0.5	41	311	60	6.19
Y20027		4.38	0.03		<0.5	6.74	22	690	6.2	<2	5.29	<0.5	59	762	91	6.40
Y20028		3.89	0.04		<0.5	7.18	7	610	3.5	<2	3.57	<0.5	21	50	15	3.45
Y20029		3.62	0.04		<0.5	6.97	5	820	2.6	<2	2.78	<0.5	14	23	23	2.82
Y20030		4.12	0.06		<0.5	6.99	22	1020	4.5	<2	4.20	<0.5	24	127	40	3.88
Y20031		2.43	0.08		<0.5	6.76	12	780	3.4	<2	3.62	<0.5	19	26	25	3.31
Y20032		4.62	0.05		<0.5	7.16	8	3270	3.9	2	3.11	<0.5	23	101	21	3.89
Y20033		3.75	0.02		<0.5	6.94	7	2900	4.5	<2	3.20	<0.5	11	101	55	3.03
Y20034		3.63	0.01		<0.5	6.84	5	2380	2.4	<2	3.20	<0.5	8	110	96	3.23
Y20035		3.83	<0.01		<0.5	6.92	<5	2550	1.8	<2	2.90	<0.5	7	96	59	2.97
Y20036		5.03	0.14		<0.5	6.62	9	2610	2.5	<2	3.28	<0.5	13	96	34	3.06
Y20037		3.25	0.09		<0.5	6.84	13	1150	3.2	2	3.02	<0.5	21	56	14	3.16
Y20038		3.74	0.32		<0.5	7.38	7	2810	2.0	<2	3.13	<0.5	10	43	12	3.59
Y20039		3.95	0.20		<0.5	7.30	10	470	2.2	2	3.60	<0.5	15	41	13	3.44

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

Finalized Date: 11-JAN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10193090

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
Y20000		20	3.66	40	0.73	349	1	2.43	20	1650	9	0.81	<5	10	912	<10
Y20001		10	0.79	170	1.30	327	3	0.19	57	1050	6	1.8	7	4	2180	<10
Y20002		20	3.53	50	1.10	660	<1	2.35	18	1560	16	0.84	<5	10	957	<10
Y20003		20	2.90	50	0.70	484	8	2.56	15	1290	15	1.21	<5	8	1210	<10
Y20004		20	3.54	30	1.15	965	<1	3.32	17	1320	10	0.58	<5	8	1060	<10
Y20005		20	3.42	40	1.21	1280	<1	3.63	15	1320	28	1.02	<5	9	1195	<10
Y20006		20	2.62	30	0.87	921	1	3.77	15	1220	29	2.07	<5	8	1080	<10
Y20007		20	4.03	30	1.13	1085	1	3.12	16	1300	14	0.94	<5	8	939	<10
Y20008		20	4.10	40	1.35	1250	2	3.02	16	1330	20	0.66	<5	9	1235	<10
Y20009		20	3.75	70	1.62	1250	4	2.60	24	1680	24	0.55	5	11	1340	<10
Y20010		20	3.98	80	1.45	1045	2	2.61	22	2040	18	0.59	<5	11	1140	<10
Y20011		20	3.93	80	1.59	1215	1	2.57	28	1990	20	0.59	<5	12	1550	<10
Y20012		20	4.38	80	1.46	1055	<1	2.49	29	2050	26	0.10	<5	12	1425	<10
Y20013		20	4.00	70	1.54	1160	<1	2.80	26	1960	24	0.22	5	11	1800	<10
Y20014		20	4.52	70	1.54	1225	<1	2.36	25	2130	17	0.21	5	12	1155	<10
Y20015		20	4.43	80	1.55	787	<1	1.52	44	2050	11	0.26	5	12	1485	<10
Y20016		20	4.22	70	1.72	1245	11	2.04	26	2040	17	0.85	<5	11	1220	<10
Y20017		20	4.46	70	2.03	1245	<1	1.28	34	2130	13	0.08	<5	11	1240	<10
Y20018		10	2.32	<10	3.67	2210	1	0.08	1165	230	10	0.77	5	26	616	<10
Y20019		20	1.91	60	1.64	909	10	3.80	116	1530	88	0.61	<5	10	614	<10
Y20020		20	1.38	40	1.74	862	<1	4.28	73	1460	42	0.57	<5	8	690	<10
Y20021		20	2.23	10	1.27	385	<1	3.75	53	1200	69	3.71	<5	4	267	<10
Y20022		20	1.32	40	1.63	720	3	4.80	57	1590	33	0.75	6	10	690	<10
Y20023		10	1.22	10	7.96	1295	1	0.82	1150	340	8	0.89	<5	21	1625	<10
Y20024		20	1.63	40	1.39	662	6	4.39	133	1010	15	2.14	5	10	745	<10
Y20025		20	1.16	10	4.66	1165	1	2.40	101	1730	9	2.00	9	29	949	<10
Y20026		20	1.17	10	4.88	1275	<1	2.42	101	1700	9	1.64	9	29	770	<10
Y20027		20	2.37	10	3.87	1130	3	1.63	322	1470	10	1.89	6	31	550	<10
Y20028		20	1.31	40	1.15	667	5	4.57	32	1490	9	1.89	6	9	664	<10
Y20029		20	0.77	30	0.98	560	23	5.37	18	800	15	1.88	<5	6	968	<10
Y20030		20	1.38	50	1.81	958	10	3.97	66	1140	36	2.03	<5	12	964	<10
Y20031		20	1.28	40	1.49	823	178	4.37	41	1090	92	1.77	<5	7	1350	<10
Y20032		20	3.90	90	1.44	1185	4	2.84	55	1470	20	0.96	<5	8	1200	<10
Y20033		20	4.60	80	1.48	979	3	1.58	53	1610	20	0.34	<5	8	1075	<10
Y20034		20	4.32	60	1.53	780	2	2.22	69	1610	32	0.06	<5	8	986	<10
Y20035		20	4.40	60	1.49	674	1	2.72	67	1510	42	0.07	<5	8	1020	<10
Y20036		20	4.51	60	1.52	765	<1	1.70	65	1550	34	0.30	<5	8	1225	<10
Y20037		20	3.72	40	1.25	918	30	3.29	26	1310	18	1.41	<5	8	1355	<10
Y20038		20	3.87	50	1.23	982	1	3.65	20	1350	20	1.01	<5	9	1420	<10
Y20039		20	3.33	50	1.48	1075	9	3.97	21	1360	36	2.37	<5	9	1655	<10

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PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 11-JAN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10193090

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
Y20000		0.19	<10	10	117	10	83
Y20001		0.15	<10	<10	103	<10	392
Y20002		0.19	<10	10	116	10	83
Y20003		0.13	<10	10	93	10	76
Y20004		0.15	<10	10	105	10	68
Y20005		0.15	<10	10	96	10	70
Y20006		0.11	<10	20	80	10	57
Y20007		0.14	<10	20	102	10	58
Y20008		0.12	<10	10	98	<10	69
Y20009		0.21	<10	10	114	<10	81
Y20010		0.23	<10	10	126	<10	65
Y20011		0.22	<10	<10	131	<10	83
Y20012		0.24	<10	<10	130	<10	69
Y20013		0.24	<10	10	128	<10	73
Y20014		0.24	<10	<10	134	<10	76
Y20015		0.24	<10	<10	138	10	124
Y20016		0.22	<10	<10	127	<10	91
Y20017		0.23	<10	<10	129	<10	107
Y20018		0.14	<10	<10	156	10	120
Y20019		0.17	<10	20	106	10	37
Y20020		0.14	<10	20	93	<10	33
Y20021		0.41	10	20	50	<10	53
Y20022		0.16	<10	20	100	<10	26
Y20023		0.13	<10	<10	134	<10	168
Y20024		0.14	<10	20	100	10	23
Y20025		0.28	<10	10	202	<10	73
Y20026		0.31	<10	10	203	<10	73
Y20027		0.30	<10	10	213	10	84
Y20028		0.17	<10	20	100	10	18
Y20029		0.13	<10	20	71	10	21
Y20030		0.19	<10	10	112	10	55
Y20031		0.15	<10	20	91	<10	61
Y20032		0.14	<10	<10	100	10	61
Y20033		0.17	<10	<10	85	10	54
Y20034		0.18	<10	<10	79	<10	40
Y20035		0.17	<10	<10	70	<10	41
Y20036		0.18	<10	<10	74	10	43
Y20037		0.11	<10	10	90	<10	43
Y20038		0.11	<10	10	82	10	35
Y20039		0.09	<10	10	64	10	47

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MATACHEWAN ON P0K 1M0

Finalized Date: 11-JAN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10193090

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
Y20040		4.29	0.20		<0.5	6.90	6	1900	1.9	<2	3.69	<0.5	11	42	8	3.17
Y20041		<0.02	0.13		<0.5	6.89	7	1730	2.0	<2	3.75	<0.5	10	42	7	3.07
Y20042		3.85	0.05		<0.5	6.65	6	2610	2.4	<2	2.94	<0.5	13	50	9	3.63
Y20043		4.21	0.12		<0.5	7.32	10	570	2.7	3	2.91	<0.5	26	460	46	4.33
Y20044		4.07	0.09		<0.5	7.13	5	1420	1.7	2	3.28	<0.5	13	86	8	2.88
Y20045		3.91	0.19		<0.5	7.23	6	1080	1.4	<2	3.30	<0.5	14	60	14	3.15
Y20046		3.65	0.05		<0.5	6.79	8	1300	1.6	2	3.59	<0.5	14	57	11	2.93
Y20047		2.75	0.09		<0.5	7.11	8	1000	2.0	<2	2.91	<0.5	18	87	24	3.04
Y20048		3.03	0.11		<0.5	7.04	8	1190	2.1	<2	3.83	<0.5	20	308	26	2.81
Y20049		4.09	0.04		<0.5	4.42	30	800	2.8	3	8.07	<0.5	92	1850	95	6.88
Y20050		4.81	0.02		<0.5	5.13	22	930	3.0	<2	9.34	<0.5	66	836	107	7.20
Y20051		4.19	0.03		<0.5	7.12	10	500	2.4	<2	4.92	<0.5	14	37	22	4.00
Y20052		3.88	0.03		<0.5	5.61	31	700	3.8	2	6.79	<0.5	49	643	128	6.26
Y20053		3.81	0.02		<0.5	6.55	14	1480	4.0	<2	6.20	<0.5	37	287	126	6.56
Y20054		2.99	0.02		<0.5	6.19	16	3610	3.5	2	6.86	<0.5	30	416	52	5.16
Y20055		3.73	0.06		<0.5	7.59	10	620	2.0	<2	2.74	<0.5	15	34	56	3.70
Y20056		2.34	0.03		<0.5	7.53	<5	860	1.8	3	2.80	<0.5	14	33	14	3.49
Y20057		3.73	0.02		<0.5	6.43	5	1190	2.0	2	2.59	<0.5	13	128	12	2.64
Y20058		3.70	0.02		<0.5	7.11	7	1430	2.1	3	3.55	<0.5	16	181	21	3.18
Y20059		2.73	0.05		<0.5	4.45	11	380	2.8	4	8.72	<0.5	61	1220	41	5.59
Y20060		4.59	0.10		<0.5	7.22	9	1040	2.8	2	4.00	<0.5	24	111	48	4.50
Y20061		0.11	1.28		<0.5	8.05	26	150	3.3	<2	2.55	<0.5	21	71	31	5.82
Y20062		2.34	0.15		<0.5	7.43	9	1130	2.4	3	3.50	<0.5	16	76	86	4.22
Y20063		2.71	0.13		0.5	6.09	18	1060	5.2	9	5.32	<0.5	39	555	98	5.12
Y20064		4.11	1.54		1.0	6.81	8	2910	1.2	10	4.21	<0.5	16	71	30	3.28
Y20065		3.31	0.32		0.6	6.73	9	520	1.3	8	3.06	<0.5	14	52	30	3.55
Y20066		3.66	0.32		<0.5	6.69	<5	640	1.2	<2	2.38	<0.5	9	33	34	2.87
Y20067		4.36	0.54		<0.5	6.70	<5	680	0.9	2	2.48	<0.5	8	40	37	2.98
Y20068		2.14	0.33		0.7	6.34	<5	440	1.1	3	2.56	<0.5	12	130	32	2.77
Y20069		3.86	0.13		<0.5	4.93	26	410	2.7	2	6.87	<0.5	42	434	67	5.86
Y20070		3.56	0.26		<0.5	6.54	13	1950	1.6	<2	4.01	<0.5	20	129	57	3.76
Y20071		4.34	0.08		<0.5	6.60	<5	2720	4.4	<2	2.84	<0.5	13	114	17	3.10
Y20072		3.60	<0.01		<0.5	6.64	<5	1900	4.6	3	4.18	<0.5	17	154	37	3.55
Y20073		4.52	0.03		0.6	6.77	<5	1440	3.3	<2	3.74	<0.5	14	137	32	2.89
Y20074		3.26	0.02		<0.5	6.58	<5	1810	2.7	3	3.47	<0.5	13	146	8	2.76
Y20075		2.28	0.07		<0.5	6.15	<5	1290	2.2	2	3.15	<0.5	14	151	13	2.68
Y20076		4.31	0.08		<0.5	3.20	<5	450	2.0	2	10.80	<0.5	48	1230	79	4.76
Y20077		3.98	0.19		<0.5	3.64	<5	610	1.1	<2	7.30	<0.5	54	1020	95	5.51
Y20078		3.99	0.55		<0.5	3.89	5	610	0.9	<2	5.71	<0.5	70	1140	73	5.68
Y20079		3.75	0.05	87.0	<0.5	3.28	<5	1170	0.7	2	4.21	<0.5	59	1250	9	5.60

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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
Y20040		20	3.67	50	1.49	1075	1	3.60	26	1640	34	1.21	<5	9	1735	<10
Y20041		20	3.66	50	1.51	1075	1	3.61	26	1720	34	1.22	<5	9	1690	<10
Y20042		20	3.41	40	1.02	840	1	3.84	26	1320	23	1.11	<5	8	1200	<10
Y20043		20	2.47	40	1.18	708	43	3.80	194	1130	15	1.92	<5	13	1250	<10
Y20044		20	3.07	40	1.32	878	23	4.04	41	1390	17	1.61	<5	9	929	<10
Y20045		20	3.87	40	1.26	918	2	3.65	24	1330	27	1.92	<5	9	843	<10
Y20046		20	3.24	40	1.24	942	15	3.83	25	1260	19	1.47	<5	8	705	<10
Y20047		20	3.08	40	1.07	716	12	3.94	50	1380	18	1.57	<5	8	488	<10
Y20048		20	1.90	40	1.57	966	17	4.59	134	1250	15	0.91	<5	11	701	<10
Y20049		10	1.74	20	6.41	1795	11	0.79	1455	100	17	1.37	<5	27	1605	<10
Y20050		10	1.44	40	5.17	2460	3	1.60	533	1100	94	1.73	<5	26	1840	<10
Y20051		20	2.34	80	1.89	1340	11	3.85	67	1380	28	1.88	<5	9	1035	<10
Y20052		10	1.63	30	4.88	1555	2	1.98	337	1200	22	1.08	<5	25	1420	<10
Y20053		10	1.45	30	4.78	2010	1	2.74	91	1780	22	0.78	<5	31	2050	<10
Y20054		20	1.82	40	4.81	1850	10	2.41	256	1230	15	1.13	<5	23	1580	<10
Y20055		20	2.79	80	1.26	769	15	4.38	23	1610	31	2.16	<5	9	674	<10
Y20056		20	3.16	60	1.23	800	2	4.23	14	1620	29	1.95	<5	9	698	<10
Y20057		20	4.20	40	1.26	721	18	3.08	44	950	52	1.67	<5	7	993	<10
Y20058		20	4.05	40	1.89	1025	12	3.23	94	900	38	1.92	<5	9	864	<10
Y20059		10	2.32	20	5.40	2140	1	0.66	676	510	13	1.18	<5	22	849	<10
Y20060		10	2.24	90	2.01	1285	3	3.87	68	2080	30	2.50	<5	13	1645	<10
Y20061		20	3.35	20	1.83	509	2	3.45	73	1170	84	2.96	<5	6	361	<10
Y20062		20	2.86	70	1.66	1215	1	3.80	31	2210	32	1.94	<5	12	1600	<10
Y20063		20	1.76	80	4.34	1440	2	2.29	409	1370	31	1.67	<5	16	1630	<10
Y20064		20	4.93	340	2.12	1445	121	1.23	59	1810	59	0.98	<5	10	2230	<10
Y20065		20	4.20	130	1.47	1085	64	1.49	44	1360	50	2.21	<5	8	2490	<10
Y20066		20	4.18	70	1.00	853	8	2.19	20	1010	46	2.47	<5	6	2360	<10
Y20067		20	4.22	60	1.00	899	3	2.83	17	1230	42	2.62	<5	6	1900	<10
Y20068		20	4.39	60	1.36	813	9	2.49	85	730	79	2.38	<5	7	2850	<10
Y20069		10	1.37	40	4.81	1340	2	2.19	269	1070	34	3.20	<5	20	1230	<10
Y20070		20	4.30	60	2.09	811	1	1.99	76	1550	23	1.78	<5	12	1570	<10
Y20071		20	4.29	70	1.52	647	<1	1.03	69	1570	27	1.08	<5	8	1315	<10
Y20072		20	4.24	110	2.25	1170	9	1.56	83	1550	34	0.18	<5	11	867	<10
Y20073		20	3.35	50	1.87	1125	5	3.00	68	1610	24	0.33	<5	8	593	<10
Y20074		20	2.57	60	1.75	1070	3	3.35	66	1310	19	0.58	<5	8	559	<10
Y20075		20	1.48	40	1.61	910	3	4.41	64	950	16	0.98	<5	7	497	<10
Y20076		<10	1.21	30	6.55	1915	21	0.04	773	90	11	0.26	<5	19	367	<10
Y20077		10	0.13	40	9.23	1030	22	0.04	725	400	9	0.28	<5	19	750	<10
Y20078		10	0.17	60	9.54	1140	14	0.46	784	390	12	0.48	<5	20	1125	<10
Y20079		10	0.24	50	11.45	1215	9	0.04	913	100	10	0.14	<5	20	2630	<10

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

Finalized Date: 11-JAN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10193090

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
Y20040		0.11	10	10	72	10	44
Y20041		0.11	<10	10	74	10	46
Y20042		0.10	<10	10	84	<10	38
Y20043		0.10	<10	10	98	10	65
Y20044		0.10	<10	10	71	10	32
Y20045		0.09	<10	10	62	10	29
Y20046		0.09	<10	10	64	<10	35
Y20047		0.10	<10	10	66	10	46
Y20048		0.13	<10	10	79	10	57
Y20049		0.22	<10	10	155	<10	210
Y20050		0.25	<10	<10	175	10	243
Y20051		0.12	<10	10	77	<10	72
Y20052		0.25	<10	10	178	10	143
Y20053		0.30	<10	10	217	10	149
Y20054		0.17	<10	10	160	10	144
Y20055		0.12	<10	10	87	<10	44
Y20056		0.13	<10	10	81	10	40
Y20057		0.07	<10	10	61	10	45
Y20058		0.08	<10	10	90	10	49
Y20059		0.10	<10	<10	180	10	185
Y20060		0.15	<10	<10	102	10	65
Y20061		0.58	<10	10	72	<10	58
Y20062		0.11	<10	<10	106	<10	69
Y20063		0.11	<10	<10	119	<10	193
Y20064		0.10	<10	<10	72	20	74
Y20065		0.10	10	<10	66	20	59
Y20066		0.12	<10	<10	67	20	39
Y20067		0.09	<10	10	42	20	41
Y20068		0.11	<10	<10	69	20	57
Y20069		0.19	<10	10	173	10	177
Y20070		0.17	<10	<10	100	10	63
Y20071		0.18	<10	<10	92	10	54
Y20072		0.15	<10	<10	101	<10	101
Y20073		0.08	<10	10	70	<10	74
Y20074		0.07	<10	10	66	<10	62
Y20075		0.09	<10	20	62	<10	58
Y20076		0.10	<10	<10	110	<10	76
Y20077		0.08	<10	<10	126	<10	127
Y20078		0.09	<10	<10	126	<10	115
Y20079		0.07	<10	<10	113	<10	131

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PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 11-JAN-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM10193090

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
Y20080		4.39	0.30		<0.5	5.74	12	860	1.3	2	4.92	<0.5	35	293	103	5.81
Y20081		0.54	<0.01		<0.5	2.86	5	90	0.5	<2	39.0	<0.5	8	42	96	1.66
Y20082		3.26	0.03		<0.5	4.13	5	400	2.3	3	9.70	<0.5	34	835	16	4.54
Y20083		3.58	0.33		<0.5	7.39	<5	1160	2.2	<2	3.47	<0.5	9	50	45	2.76
Y20084		3.84	0.02		<0.5	3.48	8	470	1.7	<2	9.56	<0.5	59	1000	53	4.95
Y20085		3.79	0.01		<0.5	3.23	10	650	1.4	<2	9.59	<0.5	72	1010	64	5.31
Y20086		4.27	0.01		<0.5	4.27	7	840	3.0	<2	9.72	<0.5	37	588	89	4.65
Y20087		4.44	<0.01		<0.5	2.90	<5	1010	2.6	<2	9.69	<0.5	54	1180	42	4.82
Y20088		3.97	0.02		<0.5	3.67	<5	260	4.2	2	10.50	<0.5	45	1560	33	4.32
Y20089		3.75	0.03		<0.5	2.61	8	360	2.7	<2	10.80	<0.5	52	1030	45	4.14
Y20090		4.21	0.03		<0.5	3.64	14	280	3.0	3	10.00	<0.5	48	1050	13	4.07
Y20091		3.10	0.03		<0.5	3.26	16	560	2.9	<2	8.87	<0.5	66	861	88	5.51
Y20092		4.74	0.97		<0.5	4.60	18	740	5.1	4	6.64	<0.5	63	983	85	5.98
Y20093		3.06	0.03		<0.5	4.38	11	420	5.0	2	6.36	<0.5	52	952	32	5.31
Y20094		4.15	0.02		<0.5	3.80	9	430	4.1	<2	6.92	<0.5	64	1260	41	5.57
Y20095		4.38	0.03		<0.5	4.68	<5	800	4.9	2	6.98	<0.5	43	796	53	5.41
Y20096		3.86	0.06		<0.5	4.56	<5	470	3.8	<2	6.50	<0.5	37	896	120	6.20
Y20097		4.08	0.13		<0.5	3.55	5	1300	3.2	18	6.97	<0.5	86	1690	227	8.21
Y20098		3.86	0.05		<0.5	3.00	<5	2210	2.0	3	8.95	<0.5	69	1310	49	8.24
Y20099		3.17	0.03		<0.5	2.83	6	530	1.6	<2	9.12	<0.5	69	1250	75	7.84
Y20100		2.43	0.01		<0.5	4.50	5	500	1.6	<2	6.57	<0.5	43	771	74	5.12
Y20101		0.11	5.71		0.6	7.06	27	180	2.4	2	1.67	<0.5	14	48	33	5.39
Y20102		3.73	0.03		<0.5	6.61	<5	150	2.2	<2	4.50	<0.5	34	521	80	5.02
Y20103		2.02	0.05		<0.5	6.40	<5	170	3.4	<2	4.07	<0.5	34	640	100	5.80
Y20104		4.31	0.01		<0.5	4.14	<5	190	4.1	<2	7.26	<0.5	49	1050	29	6.26
Y20105		4.07	0.08		<0.5	4.03	13	140	7.0	2	8.03	<0.5	87	1740	79	7.37
Y20106		3.82	0.23		<0.5	4.15	21	210	10.0	<2	8.40	<0.5	107	1930	463	8.43
Y20107		3.82	0.11		<0.5	3.59	7	270	5.8	2	10.25	<0.5	99	1550	205	6.17
Y20108		3.59	0.12		<0.5	4.15	<5	370	6.4	<2	9.81	<0.5	66	1820	90	5.37
Y20109		3.34	0.31		<0.5	3.83	6	280	5.3	2	10.40	<0.5	42	946	91	6.14

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PO BOX 187
MATACHEWAN ON P0K 1M0

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CERTIFICATE OF ANALYSIS TM10193090

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
Y20080		20	0.92	40	5.22	1015	2	2.67	127	1450	19	2.10	<5	22	895	<10
Y20081		10	0.77	190	1.37	329	4	0.18	58	1030	4	1.7	6	5	2180	<10
Y20082		10	1.93	30	5.97	1420	2	0.20	428	600	16	0.55	<5	19	444	<10
Y20083		20	3.76	110	1.90	862	<1	3.02	71	1120	32	0.17	<5	7	363	<10
Y20084		10	1.78	30	5.91	1575	9	0.05	678	350	15	0.95	<5	19	464	<10
Y20085		10	1.34	30	6.76	1330	6	0.03	959	320	10	0.97	<5	17	539	<10
Y20086		10	2.27	30	5.74	1760	5	0.04	229	580	19	0.56	<5	20	556	<10
Y20087		<10	1.45	50	6.94	1570	5	0.03	756	190	12	0.11	<5	17	537	<10
Y20088		10	1.83	70	6.00	1340	15	0.04	791	180	17	0.05	<5	21	462	<10
Y20089		<10	1.27	40	5.94	1595	15	0.05	629	280	21	0.42	<5	16	654	<10
Y20090		10	2.02	20	5.65	1620	4	0.03	394	190	18	1.04	<5	19	644	<10
Y20091		10	1.86	30	6.85	1480	3	0.02	546	190	16	1.90	<5	17	861	<10
Y20092		10	2.66	40	6.98	1365	7	0.06	611	560	20	1.67	<5	21	724	<10
Y20093		10	2.62	30	7.64	1120	2	0.03	635	580	13	0.72	<5	22	599	<10
Y20094		10	2.25	20	7.82	1195	2	0.03	797	170	10	0.60	<5	21	560	<10
Y20095		10	2.55	50	5.42	1530	6	0.08	513	760	8	0.19	<5	20	558	<10
Y20096		10	2.49	50	5.36	1395	12	0.06	494	390	8	0.10	<5	22	866	<10
Y20097		10	2.19	50	7.09	1930	22	0.03	947	110	20	0.23	<5	22	2320	<10
Y20098		<10	1.57	40	5.60	1800	30	0.03	724	90	7	0.51	<5	19	1205	<10
Y20099		10	0.82	40	6.51	1885	22	0.02	936	100	8	0.79	<5	17	1030	<10
Y20100		10	1.50	40	5.76	1480	5	0.92	536	430	10	0.42	<5	19	606	<10
Y20101		20	2.28	20	1.28	381	1	3.84	56	1170	76	3.59	<5	4	261	<10
Y20102		20	2.03	60	3.54	1120	6	2.31	281	670	9	0.13	<5	23	308	<10
Y20103		10	2.07	70	3.61	1025	10	1.66	305	650	6	0.21	<5	21	318	<10
Y20104		10	1.02	40	7.91	1510	14	0.20	682	370	7	0.24	<5	19	510	<10
Y20105		10	1.95	370	7.28	2200	16	0.06	808	610	10	0.34	<5	23	452	<10
Y20106		10	2.22	90	6.67	3140	16	0.04	1065	220	12	0.31	<5	25	352	<10
Y20107		10	2.09	60	5.71	4110	13	0.03	1145	140	14	0.10	<5	21	403	<10
Y20108		10	2.51	30	4.84	3170	3	0.10	952	120	9	0.06	<5	25	391	<10
Y20109		10	2.19	100	6.10	2530	2	0.14	685	610	8	0.19	<5	17	462	<10

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CERTIFICATE OF ANALYSIS TM10193090

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
Y20080		0.18	<10	<10	171	<10	83
Y20081		0.15	<10	40	97	<10	387
Y20082		0.12	<10	<10	121	<10	65
Y20083		0.10	<10	10	78	<10	58
Y20084		0.13	<10	<10	121	<10	82
Y20085		0.10	<10	<10	101	<10	102
Y20086		0.14	<10	<10	133	<10	60
Y20087		0.06	<10	<10	91	<10	73
Y20088		0.07	<10	<10	119	<10	64
Y20089		0.06	<10	10	100	<10	62
Y20090		0.09	<10	<10	110	<10	52
Y20091		0.09	<10	<10	111	<10	91
Y20092		0.13	10	<10	135	<10	137
Y20093		0.14	<10	<10	135	<10	119
Y20094		0.11	<10	<10	124	<10	123
Y20095		0.16	<10	<10	138	10	121
Y20096		0.15	<10	<10	118	10	172
Y20097		0.12	<10	<10	122	<10	211
Y20098		0.10	<10	<10	109	10	207
Y20099		0.09	<10	<10	101	10	247
Y20100		0.14	<10	<10	122	<10	141
Y20101		0.40	10	10	50	<10	54
Y20102		0.19	<10	<10	165	<10	98
Y20103		0.19	<10	<10	148	10	118
Y20104		0.13	<10	<10	119	<10	182
Y20105		0.17	<10	<10	136	10	258
Y20106		0.16	<10	<10	134	10	315
Y20107		0.11	<10	<10	128	20	208
Y20108		0.12	<10	<10	145	20	159
Y20109		0.15	<10	<10	110	10	250