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-2012
Account: NORTEX

CERTIFICATE TM11251607

Project: 1916

P.O. No.: 11-140

This report is for 146 Drill Core samples submitted to our lab in Timmins, ON, Canada on 1-DEC-2011.

The following have access to data associated with this certificate:

CARL EDMUNDS YOUNG DAVIDSON WEBTRIEVE	JIM JANZEN	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

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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 TM11251607

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
Y20798		4.41	0.10	62.5	<0.5	7.09	15	1360	4.5	2	2.24	<0.5	18	49	43	4.64
Y20799		3.39	0.17		<0.5	7.78	9	2660	2.0	3	2.59	<0.5	7	31	26	3.10
Y20800		4.25	0.34		<0.5	7.25	8	1200	1.3	3	2.50	<0.5	9	27	35	3.06
Y20801		<0.02	0.42		<0.5	7.58	11	1560	1.3	<2	2.62	<0.5	9	29	34	3.14
Y20802		3.23	0.10		<0.5	6.98	8	1810	1.4	<2	2.29	<0.5	8	27	32	2.90
Y20803		1.50	0.39		<0.5	7.39	8	1990	1.5	<2	2.45	<0.5	9	30	35	2.95
Y20804		2.62	0.40		<0.5	7.20	12	1910	1.2	<2	2.66	<0.5	10	27	60	3.26
Y20805		2.46	0.28		<0.5	7.09	10	1840	1.7	<2	2.98	<0.5	10	30	28	3.27
Y20806		3.25	0.12	78.1	<0.5	6.76	17	890	5.3	3	4.21	<0.5	34	508	51	6.27
Y20807		2.58	0.02		0.5	6.53	39	730	1.0	3	4.67	<0.5	41	22	186	10.25
Y20808		2.13	0.53		2.1	6.17	74	240	0.8	5	3.47	<0.5	57	318	65	9.49
Y20809		2.31	0.04		0.5	7.25	232	740	0.8	2	1.21	3.4	30	494	25	4.99
Y20810		2.27	0.10		<0.5	7.13	203	670	1.0	3	1.82	0.5	41	425	61	5.72
Y20811		2.33	0.05		0.9	5.81	307	1000	1.2	3	4.74	0.6	59	541	50	6.69
Y20812		2.21	0.06		0.5	6.48	98	510	1.1	3	4.03	<0.5	37	439	126	6.44
Y20813		2.46	0.04		1.1	5.96	81	960	1.3	6	5.44	<0.5	53	384	116	7.15
Y20814		2.05	0.13		0.5	6.88	56	420	0.9	2	2.89	<0.5	24	262	96	4.31
Y20815		2.58	0.04	91.7	0.9	5.53	92	570	1.2	6	6.37	<0.5	32	472	24	7.06
Y20816		2.25	0.05		<0.5	6.55	10	760	1.0	2	3.03	<0.5	17	127	39	3.96
Y20817		2.24	0.06		<0.5	6.50	8	610	0.7	2	1.76	<0.5	17	92	23	2.98
Y20818		2.28	0.24		0.5	6.58	10	680	1.0	2	3.51	<0.5	18	130	23	4.52
Y20819		2.19	0.02		1.0	6.38	14	450	2.2	6	5.06	0.6	27	113	128	7.13
Y20820		2.48	<0.01		0.6	6.91	9	600	1.9	5	4.46	0.7	19	86	121	7.63
Y20821		0.11	1.38		0.6	7.68	37	160	2.6	7	2.50	<0.5	19	69	92	5.64
Y20822		2.46	<0.01		0.5	6.92	6	1080	1.5	<2	4.28	1.6	27	98	130	8.30
Y20823		1.37	0.07		0.5	6.85	14	1000	1.2	2	3.19	1.1	27	122	64	6.09
Y20824		1.76	0.09		0.8	3.19	6	300	1.8	3	3.95	<0.5	23	330	13	4.12
Y20825		1.70	0.29		<0.5	3.53	7	130	2.0	<2	2.46	<0.5	23	265	31	3.49
Y20826		2.05	0.08		<0.5	3.68	42	10	4.9	3	6.15	<0.5	68	1210	57	6.20
Y20827		2.38	0.14		<0.5	3.81	27	20	3.9	3	6.84	<0.5	72	1340	84	6.32
Y20828		2.36	0.07		<0.5	5.79	7	240	4.0	5	4.10	<0.5	43	700	38	5.39
Y20829		2.26	0.20		<0.5	4.73	16	300	2.7	2	4.58	<0.5	35	580	34	4.91
Y20830		2.39	0.08		<0.5	2.95	21	50	3.2	2	8.09	<0.5	76	1210	38	5.89
Y20831		2.44	0.03		<0.5	3.41	21	2500	13.3	3	11.00	<0.5	67	1210	50	5.18
Y20832		2.39	0.10		<0.5	3.50	26	110	5.0	<2	12.10	<0.5	63	990	48	5.09
Y20833		2.56	0.36		<0.5	5.55	15	690	14.4	<2	11.40	<0.5	40	625	15	5.04
Y20834		2.31	0.61		<0.5	5.75	30	560	10.3	3	9.33	<0.5	63	594	63	5.71
Y20835		2.40	0.43		<0.5	5.56	15	530	9.8	2	10.35	<0.5	45	758	35	5.08
Y20836		2.13	0.10		<0.5	1.63	8	130	2.7	<2	12.00	<0.5	16	182	11	2.94
Y20837		2.43	0.61	90.8	<0.5	3.58	36	120	4.3	<2	12.25	<0.5	114	1010	133	7.44

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Finalized Date: 11-JAN-2012
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Project: 1916

CERTIFICATE OF ANALYSIS TM11251607

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
Y20798		20	1.61	40	1.91	968	19	4.32	26	2120	37	1.58	<5	11	873	<10
Y20799		20	4.45	60	1.12	818	<1	2.94	13	1240	44	1.31	<5	6	977	<10
Y20800		20	3.99	50	1.00	579	<1	2.71	13	1100	37	1.82	<5	5	977	<10
Y20801		20	4.45	50	1.07	611	<1	2.84	12	1150	38	1.84	<5	5	1040	<10
Y20802		20	3.87	50	1.06	583	<1	2.91	13	1080	32	1.67	<5	5	2040	<10
Y20803		20	4.22	60	1.11	549	<1	2.77	12	1170	29	1.56	<5	5	788	<10
Y20804		20	4.31	60	1.25	573	<1	2.69	12	1090	29	1.75	6	5	1005	<10
Y20805		20	3.98	50	1.30	678	<1	2.76	21	1230	28	1.66	<5	6	1175	<10
Y20806		20	2.32	40	4.92	1545	1	3.21	317	1500	16	1.16	<5	19	842	<10
Y20807		20	2.19	10	2.93	2140	<1	2.22	32	720	63	0.35	5	38	408	10
Y20808		20	1.75	20	3.16	1485	8	2.00	183	710	207	5.31	<5	20	367	10
Y20809		20	1.49	20	2.52	1070	<1	3.30	183	440	145	0.73	<5	18	180	<10
Y20810		20	1.32	10	2.85	1205	<1	3.38	216	420	71	1.46	<5	20	228	<10
Y20811		10	1.79	20	5.37	1860	<1	1.94	327	870	147	1.00	<5	22	190	10
Y20812		10	1.21	20	4.37	1575	<1	3.00	244	860	74	1.34	<5	24	254	<10
Y20813		10	1.55	30	5.51	1890	<1	1.94	192	1470	253	1.53	<5	26	423	<10
Y20814		10	1.15	20	2.34	980	<1	4.19	120	720	65	1.15	<5	14	239	<10
Y20815		10	1.24	10	6.08	2000	<1	1.38	314	960	112	0.60	6	24	704	<10
Y20816		10	2.17	30	1.99	828	<1	3.02	69	890	30	0.55	<5	14	238	<10
Y20817		10	1.48	20	1.01	440	3	3.91	48	530	16	0.99	<5	11	173	<10
Y20818		20	1.82	20	1.82	850	<1	3.39	54	880	89	1.41	<5	14	223	<10
Y20819		20	1.88	10	3.34	1970	<1	2.74	60	680	464	0.33	<5	28	187	10
Y20820		20	2.30	10	3.32	2010	<1	2.35	63	480	705	0.18	6	27	406	<10
Y20821		20	3.88	10	1.79	479	<1	2.91	69	1120	72	2.75	<5	5	393	10
Y20822		20	3.16	10	3.58	2190	1	1.97	61	620	162	0.19	<5	31	282	<10
Y20823		10	2.99	20	2.75	1480	2	2.73	65	680	58	0.60	<5	21	236	<10
Y20824		10	0.35	20	3.75	746	9	0.61	210	400	15	0.55	<5	11	97	<10
Y20825		10	0.14	30	3.58	409	17	1.15	119	770	15	1.07	<5	10	94	<10
Y20826		<10	0.10	20	11.50	863	5	0.06	1050	270	7	1.35	6	21	99	<10
Y20827		<10	0.15	20	11.45	914	11	0.04	984	280	4	1.25	<5	21	125	<10
Y20828		10	0.16	50	8.39	705	12	2.08	519	900	5	1.21	6	14	180	<10
Y20829		10	0.07	30	6.60	627	15	1.41	380	840	6	1.35	<5	14	187	<10
Y20830		<10	0.01	10	12.20	906	4	0.02	1135	170	3	1.49	<5	17	145	<10
Y20831		<10	0.18	10	7.19	1195	4	0.05	900	210	3	0.83	<5	19	444	<10
Y20832		<10	0.30	10	5.97	1180	6	0.03	753	420	6	0.68	5	20	467	<10
Y20833		10	1.98	30	5.10	1320	16	0.06	380	860	7	0.59	<5	23	558	<10
Y20834		10	2.35	50	5.57	1365	9	0.05	399	1060	16	0.96	<5	23	604	<10
Y20835		10	2.30	40	5.44	1380	16	0.05	533	1050	8	0.55	<5	24	628	<10
Y20836		<10	0.34	10	4.15	1075	120	0.04	126	580	11	0.31	<5	7	583	<10
Y20837		<10	0.28	20	5.04	989	91	0.04	687	390	8	3.31	<5	18	273	<10

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CERTIFICATE OF ANALYSIS TM11251607

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
Y20798		0.29	<10	20	125	10	92
Y20799		0.21	<10	10	67	10	68
Y20800		0.17	<10	10	43	10	61
Y20801		0.18	<10	10	44	20	63
Y20802		0.14	<10	10	41	10	55
Y20803		0.19	<10	10	49	10	54
Y20804		0.18	<10	10	47	10	57
Y20805		0.19	<10	10	66	20	58
Y20806		0.36	<10	10	167	10	185
Y20807		0.81	<10	10	337	<10	204
Y20808		0.35	<10	10	147	<10	317
Y20809		0.34	<10	20	132	<10	930
Y20810		0.36	<10	20	151	<10	323
Y20811		0.42	<10	10	165	10	415
Y20812		0.44	<10	20	180	10	192
Y20813		0.51	<10	10	194	<10	254
Y20814		0.34	<10	20	113	<10	133
Y20815		0.41	<10	10	185	<10	265
Y20816		0.35	<10	20	120	10	95
Y20817		0.28	<10	20	92	<10	54
Y20818		0.36	<10	20	119	30	99
Y20819		0.58	<10	20	229	10	352
Y20820		0.54	<10	10	274	<10	396
Y20821		0.56	<10	20	70	<10	74
Y20822		0.67	<10	<10	279	<10	499
Y20823		0.47	<10	10	175	10	272
Y20824		0.19	<10	<10	90	10	89
Y20825		0.18	<10	<10	86	10	62
Y20826		0.20	<10	<10	133	20	134
Y20827		0.21	<10	<10	129	40	125
Y20828		0.22	<10	<10	112	30	90
Y20829		0.19	<10	<10	99	20	87
Y20830		0.06	<10	<10	100	30	207
Y20831		0.14	<10	<10	114	<10	121
Y20832		0.14	<10	<10	115	10	132
Y20833		0.21	<10	<10	176	40	117
Y20834		0.20	<10	<10	189	60	149
Y20835		0.22	<10	<10	187	40	159
Y20836		0.05	<10	<10	58	10	69
Y20837		0.13	<10	<10	120	30	88

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CERTIFICATE OF ANALYSIS TM11251607

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
Y20838		2.66	0.64		<0.5	4.57	53	130	3.6	3	11.20	<0.5	100	1530	75	7.36
Y20839		1.69	0.02		<0.5	6.46	46	510	1.7	5	3.25	<0.5	49	194	199	10.40
Y20840		2.26	0.01		0.6	6.59	13	1450	1.2	3	3.73	<0.5	38	20	189	10.20
Y20841		0.48	<0.01		<0.5	2.64	<5	80	0.5	<2	38.6	<0.5	9	28	86	1.49
Y20842		2.21	0.21		<0.5	6.83	16	360	0.8	3	2.13	<0.5	30	301	32	4.60
Y20843		1.55	0.24		<0.5	6.68	21	370	1.0	4	2.86	<0.5	27	302	71	5.45
Y20844		2.07	0.28		<0.5	6.46	24	860	1.1	3	4.58	<0.5	28	205	32	5.17
Y20845		1.66	0.15		<0.5	6.92	14	370	1.1	3	2.83	<0.5	27	212	14	4.00
Y20846		1.97	0.09		<0.5	6.68	18	910	1.1	3	3.40	<0.5	26	315	29	4.67
Y20847		1.67	0.11		<0.5	7.01	16	1130	0.7	4	1.38	<0.5	43	525	100	6.45
Y20848		1.70	0.04		0.5	7.18	22	870	0.6	3	1.24	<0.5	31	456	63	5.00
Y20849		1.86	0.06		<0.5	6.90	19	580	0.7	3	1.76	<0.5	21	251	71	3.22
Y20850		2.31	0.09		<0.5	6.77	19	640	0.9	<2	2.49	<0.5	26	201	65	4.18
Y20851		2.11	0.06		<0.5	7.04	15	960	1.0	2	3.38	<0.5	26	203	30	4.85
Y20852		1.07	0.02		0.7	6.68	23	700	0.9	4	2.79	0.6	26	192	218	4.91
Y20853		1.48	0.04		0.7	7.15	22	930	0.9	<2	4.07	1.2	44	435	89	6.84
Y20854		1.52	0.01		0.5	6.73	16	940	0.8	2	4.91	<0.5	33	101	163	8.54
Y20855		1.85	0.06		0.9	7.15	30	1560	1.6	4	3.65	1.3	43	167	30	8.92
Y20856		2.09	0.24		<0.5	5.89	11	1100	1.7	<2	6.43	<0.5	34	277	10	6.56
Y20857		2.06	0.05		<0.5	5.90	5	520	1.6	<2	6.91	<0.5	24	290	6	5.63
Y20858		2.01	0.36		0.6	6.82	8	790	1.8	<2	5.68	<0.5	28	350	11	6.68
Y20859		2.08	0.14		0.6	6.42	7	1190	1.5	<2	6.37	<0.5	26	397	11	5.72
Y20860		2.51	0.16		0.7	5.88	9	1010	1.3	<2	6.10	<0.5	47	278	121	6.59
Y20861		0.10	6.03		1.2	7.75	100	160	4.0	3	2.27	<0.5	20	68	75	5.65
Y20862		1.95	0.27		0.5	5.59	<5	960	1.4	<2	6.53	<0.5	30	229	47	5.15
Y20863		2.09	0.05		<0.5	7.08	<5	1890	1.7	3	3.65	<0.5	37	182	154	7.05
Y20864		2.26	0.64		0.5	6.24	<5	760	1.5	<2	4.90	<0.5	22	357	7	4.54
Y20865		2.29	0.04		0.5	6.98	5	550	1.6	<2	5.03	<0.5	24	298	<1	5.63
Y20866		2.27	0.24		0.5	6.78	11	680	1.6	<2	5.34	<0.5	24	334	51	5.05
Y20867		1.79	0.02		<0.5	6.45	9	520	1.9	<2	7.44	<0.5	27	273	100	5.55
Y20868		2.43	0.04		0.8	5.95	18	310	2.6	<2	6.38	<0.5	75	260	123	8.24
Y20869		2.11	0.04		<0.5	6.83	7	250	1.6	<2	6.18	<0.5	27	414	41	4.69
Y20870		2.41	0.07		<0.5	7.06	11	290	1.6	<2	4.57	<0.5	38	433	57	6.40
Y20871		2.36	0.13		0.7	7.26	5	510	1.7	2	4.78	<0.5	30	397	90	5.08
Y20872		2.45	0.29		0.6	6.72	7	920	1.5	<2	4.11	<0.5	38	457	89	6.59
Y20873		2.35	0.13		0.7	6.66	5	1150	1.5	<2	4.05	<0.5	42	447	118	5.47
Y20874		2.42	0.32		0.6	6.57	7	920	1.6	<2	4.65	<0.5	37	346	53	5.75
Y20875		2.37	0.12		0.7	7.13	7	1300	3.0	<2	4.23	<0.5	20	266	6	4.23
Y20876		2.47	0.23		0.8	6.75	7	800	2.0	<2	5.44	<0.5	32	377	31	5.84
Y20877		2.43	0.27		0.9	6.91	<5	880	2.2	<2	4.82	<0.5	29	329	21	6.28

ALS Canada Ltd.

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

Finalized Date: 11-JAN-2012
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11251607

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
Y20838		10	0.39	20	6.32	1170	93	0.05	923	590	19	2.21	<5	25	243	<10
Y20839		20	1.41	20	4.98	1810	3	1.54	119	740	5	0.46	<5	38	128	<10
Y20840		20	3.12	20	3.05	2330	1	1.91	33	740	8	0.13	<5	38	354	<10
Y20841		<10	0.75	170	1.26	298	4	0.18	51	980	5	1.57	7	4	1985	<10
Y20842		10	0.97	20	1.79	790	6	4.19	130	490	28	1.57	<5	17	282	<10
Y20843		10	1.02	20	2.71	1115	10	3.19	112	920	26	1.67	<5	18	418	<10
Y20844		10	1.93	30	2.85	1365	5	2.86	103	1110	18	1.54	<5	15	517	<10
Y20845		10	1.30	20	1.99	885	2	4.32	82	580	11	1.33	<5	11	348	<10
Y20846		10	2.31	20	2.93	1135	2	3.02	140	700	13	1.18	<5	14	356	<10
Y20847		20	2.44	10	2.97	1115	3	2.06	236	400	50	1.56	<5	24	323	<10
Y20848		20	2.16	20	2.23	913	1	3.12	185	420	23	1.25	<5	18	230	<10
Y20849		10	1.44	20	1.49	733	2	4.29	83	510	11	0.70	<5	11	191	<10
Y20850		10	1.73	20	1.83	956	2	3.99	84	530	43	0.87	<5	13	220	<10
Y20851		10	2.34	30	2.48	1310	2	3.40	84	1000	113	0.79	<5	16	316	<10
Y20852		10	1.36	10	2.24	1180	2	3.53	99	460	149	0.65	<5	18	211	<10
Y20853		20	2.10	20	3.31	1715	2	2.78	179	710	166	0.98	<5	25	440	<10
Y20854		10	1.97	10	3.60	2290	1	2.43	62	560	80	0.19	<5	30	513	<10
Y20855		10	3.42	10	4.44	2310	1	1.33	118	650	115	0.27	<5	33	333	<10
Y20856		10	3.01	20	3.24	1440	4	2.52	124	500	18	1.11	<5	17	272	<10
Y20857		10	1.42	20	3.25	1445	3	3.60	126	660	48	0.65	5	17	237	<10
Y20858		20	1.68	20	4.03	1515	4	3.47	168	1140	10	0.30	<5	22	339	<10
Y20859		10	3.07	20	3.40	1415	3	2.67	161	760	5	1.23	<5	20	400	<10
Y20860		10	2.40	20	4.07	1575	5	2.45	136	620	16	0.98	<5	18	265	<10
Y20861		20	3.89	10	1.69	436	2	3.27	66	920	55	3.22	<5	5	307	<10
Y20862		10	2.33	20	4.00	1505	3	2.70	113	570	6	1.17	<5	16	314	<10
Y20863		10	4.95	10	4.00	1415	2	1.38	124	420	7	0.16	<5	27	169	<10
Y20864		10	1.67	20	3.56	1315	13	3.50	161	610	3	0.52	<5	20	314	<10
Y20865		20	1.42	20	4.36	1405	3	3.37	121	1120	7	0.56	<5	23	363	<10
Y20866		10	1.86	20	3.13	1155	7	3.84	150	820	4	1.42	<5	19	315	<10
Y20867		10	1.53	20	4.40	1530	4	3.31	116	870	5	0.71	<5	21	255	<10
Y20868		20	1.08	30	6.40	1855	16	2.10	508	1160	66	1.86	<5	19	201	<10
Y20869		10	0.81	20	3.33	1235	4	4.25	199	740	6	0.26	<5	22	197	10
Y20870		20	0.78	20	4.17	1380	7	4.32	214	930	7	0.19	6	23	227	<10
Y20871		20	1.26	20	3.68	1315	4	4.38	166	900	5	0.44	<5	22	316	<10
Y20872		20	2.29	20	3.19	1250	4	3.47	169	710	10	0.55	<5	22	321	<10
Y20873		20	3.13	30	3.25	1390	6	2.90	206	760	16	0.58	<5	21	311	<10
Y20874		20	2.50	30	3.55	1690	5	3.04	172	840	12	0.85	<5	21	483	<10
Y20875		20	3.38	40	3.02	1380	2	3.20	122	1580	12	0.79	<5	13	446	<10
Y20876		20	2.08	30	4.00	2150	3	3.30	202	880	11	0.85	<5	20	557	<10
Y20877		20	2.64	30	3.39	2090	4	3.19	162	840	16	0.71	<5	20	422	<10

ALS Canada Ltd.
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PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 11-JAN-2012
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11251607

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
Y20838		0.24	<10	<10	165	30	149
Y20839		0.80	<10	<10	334	10	197
Y20840		0.84	<10	<10	352	<10	171
Y20841		0.15	<10	20	98	<10	369
Y20842		0.35	<10	10	133	10	98
Y20843		0.41	<10	<10	150	20	120
Y20844		0.33	<10	10	119	10	106
Y20845		0.30	<10	10	104	10	73
Y20846		0.35	<10	10	117	10	111
Y20847		0.40	<10	<10	166	10	145
Y20848		0.34	<10	10	131	10	112
Y20849		0.29	<10	10	94	<10	73
Y20850		0.35	<10	10	119	<10	96
Y20851		0.36	<10	10	133	<10	179
Y20852		0.36	<10	10	134	<10	195
Y20853		0.47	<10	10	194	<10	382
Y20854		0.61	<10	<10	265	<10	175
Y20855		0.61	<10	<10	244	10	374
Y20856		0.32	<10	10	133	20	100
Y20857		0.35	<10	10	137	20	115
Y20858		0.48	<10	<10	175	30	151
Y20859		0.40	<10	<10	152	20	128
Y20860		0.35	<10	<10	153	20	132
Y20861		0.52	<10	<10	66	<10	93
Y20862		0.34	<10	<10	130	20	112
Y20863		0.47	<10	<10	199	10	133
Y20864		0.39	<10	<10	141	10	107
Y20865		0.50	<10	<10	178	10	132
Y20866		0.40	<10	<10	142	20	104
Y20867		0.44	<10	<10	141	10	132
Y20868		0.44	<10	110	183	90	211
Y20869		0.42	<10	<10	145	30	106
Y20870		0.46	<10	<10	174	30	124
Y20871		0.45	<10	<10	165	30	119
Y20872		0.43	<10	<10	164	40	137
Y20873		0.42	<10	<10	156	40	150
Y20874		0.42	<10	<10	159	20	198
Y20875		0.30	<10	<10	106	<10	195
Y20876		0.41	<10	<10	149	30	259
Y20877		0.41	<10	<10	160	10	255

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PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 11-JAN-2012
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11251607

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
Y20878		2.25	0.12		0.8	6.86	8	950	1.2	<2	3.60	<0.5	30	468	63	4.78
Y20879		2.39	0.38		0.9	7.54	9	670	1.4	3	3.54	<0.5	41	392	114	6.19
Y20880		2.45	0.44		1.0	6.44	7	750	1.2	<2	4.22	<0.5	33	368	63	5.71
Y20881		<0.02	0.41		1.1	6.59	9	770	1.2	<2	4.27	<0.5	33	364	70	5.77
Y20882		2.02	0.44		0.8	5.96	8	480	1.3	2	4.23	<0.5	30	314	77	5.39
Y20883		2.36	0.58		0.7	6.55	<5	460	1.1	<2	3.44	<0.5	30	373	111	4.97
Y20884		2.44	0.20		1.1	6.79	9	400	1.7	<2	4.27	<0.5	30	251	92	6.22
Y20885		2.34	0.51		0.8	7.19	11	550	1.2	<2	3.46	<0.5	34	416	90	5.69
Y20886		2.47	0.39		1.0	7.06	<5	520	1.3	<2	2.95	<0.5	30	401	142	5.25
Y20887		2.39	0.17		1.0	6.76	11	560	1.6	<2	4.14	0.5	27	310	58	5.53
Y20888		2.12	0.26		1.3	6.83	10	450	1.7	<2	3.91	<0.5	30	301	53	5.53
Y20889		2.33	0.30		1.1	6.83	11	380	1.4	<2	3.54	<0.5	31	476	61	5.55
Y20890		2.31	0.16		1.0	7.24	8	370	1.5	<2	4.56	<0.5	27	235	46	5.03
Y20891		2.29	0.33		0.8	6.36	<5	290	1.3	<2	3.57	<0.5	30	407	104	5.47
Y20892		2.51	0.75		1.0	6.57	<5	280	1.3	<2	3.74	<0.5	31	302	62	4.72
Y20893		2.48	0.86		1.1	6.06	11	280	1.3	<2	4.38	3.4	34	347	178	6.07
Y20894		2.25	0.27		<0.5	6.46	6	290	1.1	<2	4.27	<0.5	32	379	170	5.68
Y20895		1.57	0.38		<0.5	6.11	<5	240	1.1	<2	4.34	<0.5	28	322	104	4.93
Y20896		1.47	0.43		<0.5	6.59	<5	280	1.2	<2	3.56	<0.5	34	449	150	5.88
Y20897		2.51	0.16		<0.5	6.32	<5	260	1.2	<2	4.07	<0.5	33	367	116	5.51
Y20898		2.42	0.13		<0.5	6.17	6	320	1.2	<2	4.21	<0.5	41	358	37	6.59
Y20899		2.20	0.26		<0.5	6.21	<5	230	1.2	<2	3.71	<0.5	32	377	64	6.24
Y20900		2.38	0.28		0.8	6.34	<5	250	1.2	2	2.03	<0.5	32	364	89	5.81
Y20901		0.12	1.34		0.8	8.09	34	170	2.7	7	2.61	0.5	19	69	104	5.88
Y20902		2.23	0.43		<0.5	5.48	5	500	1.6	<2	5.16	<0.5	35	419	125	5.80
Y20903		2.40	0.37		0.5	5.82	<5	520	2.1	<2	6.06	<0.5	40	419	163	6.48
Y20904		1.40	0.55		<0.5	6.32	<5	290	1.9	<2	5.11	<0.5	29	302	271	5.64
Y20905		1.77	0.10		<0.5	7.76	<5	560	2.0	2	3.09	<0.5	10	26	56	2.66
Y20906		2.26	0.42		<0.5	6.21	<5	590	2.6	<2	6.87	<0.5	30	374	92	6.81
Y20907		2.20	1.79		<0.5	5.11	7	530	3.7	2	8.94	<0.5	21	279	105	4.80
Y20908		1.72	0.06		<0.5	4.09	5	1320	3.7	<2	14.4	<0.5	16	182	31	4.26
Y20909		1.68	0.09		<0.5	5.54	8	710	5.3	3	11.20	<0.5	22	160	47	4.76
Y20910		1.67	0.16		<0.5	4.93	17	510	5.6	<2	11.75	<0.5	42	539	154	5.35
Y20911		2.09	0.06		<0.5	5.47	13	380	5.3	2	9.86	<0.5	35	525	61	6.60
Y20912		2.51	0.03		<0.5	5.09	11	360	4.1	<2	10.10	<0.5	35	381	31	6.13
Y20913		2.34	0.14		<0.5	6.33	15	380	4.2	3	7.62	<0.5	44	328	76	7.03
Y20914		2.43	0.13		<0.5	6.58	9	520	3.9	<2	6.20	<0.5	29	349	65	6.59
Y20915		2.55	0.28		<0.5	6.10	10	240	2.0	2	6.03	<0.5	36	339	103	6.94
Y20916		2.30	0.33		<0.5	6.08	13	200	1.4	3	5.62	<0.5	51	399	171	7.58
Y20917		2.60	0.17		0.8	5.89	9	210	1.2	8	6.12	<0.5	42	421	211	7.13

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CERTIFICATE OF ANALYSIS TM11251607

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
Y20878		20	3.37	20	2.65	1565	4	2.92	225	480	24	1.17	<5	21	352	<10
Y20879		20	2.24	20	3.37	1840	4	3.68	191	830	21	0.55	5	24	340	<10
Y20880		10	2.37	20	2.20	1165	2	3.23	167	490	19	1.77	<5	17	404	<10
Y20881		10	2.45	20	2.26	1190	2	3.32	166	520	20	1.74	<5	17	401	<10
Y20882		10	1.63	20	3.03	1395	2	3.12	159	460	33	0.56	<5	17	242	<10
Y20883		10	1.52	20	2.84	1235	3	3.55	183	430	10	0.47	<5	19	283	<10
Y20884		20	1.55	40	3.61	1660	5	3.18	98	1060	18	0.39	5	24	575	<10
Y20885		20	1.80	20	3.07	1415	3	3.70	189	570	19	0.80	<5	21	407	<10
Y20886		20	1.78	20	2.62	1460	4	3.93	186	620	23	0.59	<5	18	361	<10
Y20887		20	1.96	30	3.47	1670	6	3.19	144	860	18	0.72	<5	19	476	<10
Y20888		20	2.03	40	3.22	1560	3	3.19	129	980	37	0.86	5	19	581	<10
Y20889		20	1.79	20	3.24	1400	2	3.16	207	480	18	0.76	<5	21	643	<10
Y20890		20	1.83	40	3.08	1280	4	3.59	120	980	20	1.49	<5	17	662	<10
Y20891		20	1.93	30	3.15	1300	6	2.59	184	660	16	1.06	<5	18	431	<10
Y20892		10	1.52	30	2.70	1160	3	3.17	124	670	14	1.20	<5	16	445	<10
Y20893		10	1.47	30	3.79	1595	4	2.41	151	670	30	0.85	<5	18	398	<10
Y20894		10	1.66	20	3.30	1455	3	2.94	178	620	20	0.76	<5	21	408	<10
Y20895		10	1.83	20	2.95	1300	2	2.81	155	530	10	0.56	<5	17	408	<10
Y20896		10	2.33	30	3.49	1180	4	2.83	184	680	13	0.99	5	22	548	<10
Y20897		10	2.22	20	4.06	1450	4	2.35	194	900	11	0.13	5	22	324	<10
Y20898		10	1.48	20	5.48	1790	2	1.23	200	1550	7	0.06	<5	26	268	<10
Y20899		10	1.38	20	3.94	1545	3	2.17	178	860	7	0.04	<5	21	268	<10
Y20900		10	1.53	20	3.17	1050	3	2.96	170	620	26	0.18	<5	20	253	<10
Y20901		20	4.07	10	1.88	501	2	3.04	69	1160	72	2.88	5	6	411	<10
Y20902		10	2.42	20	4.69	1770	5	1.37	256	790	14	0.17	<5	21	414	<10
Y20903		10	3.21	20	5.08	1575	7	1.39	187	1040	15	0.09	<5	28	475	<10
Y20904		10	1.72	20	3.29	1260	35	2.83	143	880	14	0.12	<5	20	479	<10
Y20905		20	1.59	20	0.98	542	2	5.01	16	740	15	0.21	<5	5	518	<10
Y20906		10	2.02	30	4.09	1445	4	1.50	172	1150	14	0.11	<5	24	538	<10
Y20907		10	1.98	20	2.44	1055	9	0.42	115	550	7	0.54	<5	16	649	<10
Y20908		10	1.76	10	2.78	1485	9	0.06	80	670	6	0.72	<5	13	939	<10
Y20909		10	2.71	20	3.17	1120	7	0.08	82	1340	6	0.96	<5	16	1040	<10
Y20910		10	2.12	10	2.71	1100	2	0.05	269	810	7	1.37	<5	18	926	<10
Y20911		10	1.74	20	4.11	1250	<1	0.03	249	1320	5	0.58	<5	21	721	<10
Y20912		10	1.37	20	3.84	1210	1	0.13	201	1180	5	0.73	<5	21	623	<10
Y20913		10	1.60	20	3.79	1045	1	1.06	218	1330	7	1.07	<5	25	568	10
Y20914		10	2.42	30	3.29	1005	4	0.78	150	1080	8	1.10	<5	26	567	<10
Y20915		10	1.34	20	4.22	1165	1	1.54	204	1120	12	1.68	<5	24	433	<10
Y20916		10	1.16	20	5.75	1465	2	1.09	266	1050	15	1.56	<5	26	340	10
Y20917		10	2.01	20	5.43	1645	1	1.21	256	920	54	1.57	<5	24	370	10

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

Finalized Date: 11-JAN-2012
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11251607

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
Y20878		0.37	<10	<10	142	20	219
Y20879		0.47	<10	<10	174	10	267
Y20880		0.33	<10	<10	130	30	171
Y20881		0.33	<10	<10	132	30	172
Y20882		0.32	<10	<10	136	10	203
Y20883		0.34	<10	<10	130	180	221
Y20884		0.46	<10	<10	173	70	286
Y20885		0.39	<10	<10	149	10	279
Y20886		0.38	<10	<10	134	10	267
Y20887		0.39	<10	<10	140	20	408
Y20888		0.42	<10	<10	143	10	276
Y20889		0.39	<10	<10	150	30	264
Y20890		0.40	<10	<10	137	20	253
Y20891		0.36	<10	<10	136	30	344
Y20892		0.34	<10	<10	117	20	238
Y20893		0.35	<10	<10	135	30	590
Y20894		0.38	<10	20	154	30	320
Y20895		0.32	<10	20	132	20	165
Y20896		0.43	<10	20	165	10	189
Y20897		0.40	<10	10	160	60	160
Y20898		0.44	<10	<10	182	20	192
Y20899		0.39	<10	10	155	40	157
Y20900		0.37	<10	20	149	20	145
Y20901		0.58	<10	20	73	<10	78
Y20902		0.38	<10	10	154	20	189
Y20903		0.50	<10	10	201	50	161
Y20904		0.40	<10	20	156	30	135
Y20905		0.18	<10	30	57	10	45
Y20906		0.42	<10	10	180	60	182
Y20907		0.24	<10	<10	129	40	74
Y20908		0.16	<10	<10	105	40	55
Y20909		0.27	<10	<10	139	40	65
Y20910		0.23	<10	<10	135	40	92
Y20911		0.28	<10	<10	158	20	150
Y20912		0.26	<10	<10	150	10	122
Y20913		0.35	<10	<10	195	20	132
Y20914		0.31	<10	<10	180	10	116
Y20915		0.42	<10	10	179	10	162
Y20916		0.45	<10	10	193	10	191
Y20917		0.43	<10	10	176	10	218

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PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 11-JAN-2012
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11251607

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
Y20918		1.97	0.10		<0.5	6.31	8	240	1.2	2	4.54	<0.5	38	389	63	5.54
Y20919		1.54	0.02		<0.5	6.21	11	290	1.2	2	4.82	<0.5	36	555	64	6.49
Y20920		1.90	0.04		<0.5	6.56	11	410	1.1	<2	4.54	<0.5	30	344	74	5.82
Y20921		0.45	0.01		<0.5	2.68	<5	80	0.5	2	40.9	<0.5	7	27	86	1.49
Y20922		2.34	0.45		<0.5	6.66	12	400	1.8	3	4.77	<0.5	41	309	150	7.73
Y20923		2.41	0.15		<0.5	6.05	14	420	1.9	4	4.75	<0.5	42	358	147	6.66
Y20924		2.34	0.14		<0.5	6.37	15	1520	2.0	5	4.63	<0.5	50	476	112	8.16
Y20925		2.24	0.21		<0.5	6.70	14	650	1.6	3	4.67	<0.5	38	337	130	6.39
Y20926		2.20	0.44		<0.5	6.75	29	530	0.9	2	2.79	<0.5	21	259	38	4.73
Y20927		2.40	0.05		<0.5	7.04	69	1040	1.0	<2	1.46	<0.5	17	140	41	3.52
Y20928		2.17	0.03		<0.5	6.75	90	840	1.0	2	3.50	<0.5	16	115	44	4.26
Y20929		2.43	0.06		<0.5	6.92	404	610	1.0	<2	1.94	<0.5	17	131	42	3.52
Y20930		2.39	0.05		0.7	6.82	383	800	1.1	2	2.89	<0.5	16	153	46	3.45
Y20931		2.24	0.07		1.1	7.06	69	870	1.3	3	2.77	<0.5	16	114	19	2.86
Y20932		1.88	0.09		1.0	6.42	103	780	0.9	2	2.58	0.5	15	95	42	2.76
Y20933		2.39	0.18		1.6	7.02	145	700	1.0	2	2.26	1.3	16	96	61	3.14
Y20934		2.41	0.12		1.0	6.98	42	590	0.9	<2	1.57	0.5	14	92	45	2.99
Y20935		2.57	0.15		1.9	6.84	102	830	1.0	<2	2.17	1.3	17	111	46	3.23
Y20936		2.17	0.42		1.8	6.64	35	560	0.9	3	2.01	0.6	16	115	61	2.78
Y20937		2.24	0.25		1.3	6.79	46	1230	0.9	<2	1.63	1.8	14	115	41	2.81
Y20938		2.41	0.10		1.0	7.03	59	660	1.0	3	1.47	0.6	18	99	46	3.12
Y20939		2.52	0.04		0.8	7.19	61	670	1.0	<2	2.17	<0.5	16	118	46	3.04
Y20940		2.36	0.04		1.4	6.83	148	900	1.3	4	3.48	0.6	22	112	32	3.56
Y20941		0.12	5.11		1.4	8.15	110	160	4.0	4	2.33	<0.5	20	73	76	5.85
Y20942		2.19	0.02		0.9	7.17	35	970	1.5	<2	4.02	<0.5	14	93	4	3.26
Y20943		2.52	0.02		0.8	6.82	25	850	1.5	2	3.88	<0.5	12	82	5	2.85

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PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 11-JAN-2012
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11251607

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
Y20918		10	1.90	20	4.77	1160	1	2.11	260	960	16	0.71	<5	19	335	10
Y20919		10	1.85	20	5.46	1380	1	2.27	381	780	11	0.56	<5	22	424	<10
Y20920		10	1.64	20	4.09	1155	5	3.03	184	900	12	1.04	6	19	561	<10
Y20921		10	0.74	170	1.31	296	4	0.18	52	970	7	1.57	7	4	2060	<10
Y20922		20	1.71	30	4.77	1340	7	2.67	189	1540	14	1.97	7	27	919	10
Y20923		10	1.72	30	4.79	1295	2	2.44	199	1400	11	1.40	5	22	620	<10
Y20924		10	3.01	30	6.43	1460	7	1.33	308	1150	16	1.12	<5	25	373	<10
Y20925		10	2.39	20	4.87	1320	4	1.89	222	990	16	1.18	<5	22	344	<10
Y20926		20	1.27	20	2.78	841	1	2.63	122	940	18	1.04	<5	15	321	<10
Y20927		20	1.70	20	1.21	469	1	3.12	57	560	13	1.06	<5	12	315	<10
Y20928		20	1.41	20	1.71	768	1	2.71	48	1100	9	0.82	<5	14	382	<10
Y20929		20	1.06	30	1.57	527	2	3.37	51	740	12	0.76	<5	12	446	<10
Y20930		20	1.46	20	1.36	607	2	2.80	60	690	14	0.92	<5	10	517	<10
Y20931		20	1.54	20	1.17	499	2	3.20	51	690	27	1.27	<5	8	605	<10
Y20932		20	1.75	30	1.01	452	3	2.20	45	500	67	0.74	<5	9	365	<10
Y20933		20	1.88	30	1.12	468	3	2.41	47	560	158	0.77	<5	10	380	<10
Y20934		20	1.39	10	0.97	476	1	3.19	48	620	52	0.64	5	11	453	<10
Y20935		20	1.26	20	1.09	452	1	3.07	50	620	221	0.92	6	11	457	<10
Y20936		20	1.23	10	0.93	418	2	3.07	50	520	113	0.80	7	10	445	<10
Y20937		20	1.16	30	1.00	404	2	3.19	47	540	224	0.72	<5	10	483	<10
Y20938		20	1.71	20	1.06	383	<1	2.57	48	540	87	0.90	5	10	380	<10
Y20939		20	1.87	20	1.15	486	2	2.45	53	560	31	0.54	<5	10	389	<10
Y20940		20	2.20	20	1.29	578	1	1.94	54	680	61	1.46	<5	8	416	<10
Y20941		30	3.84	10	1.72	441	2	3.27	65	930	58	3.35	<5	5	309	<10
Y20942		20	2.00	30	1.41	591	<1	2.42	55	850	12	1.45	<5	7	495	<10
Y20943		20	1.68	20	1.47	588	<1	2.81	52	840	10	1.10	<5	6	478	<10

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CERTIFICATE OF ANALYSIS TM11251607

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
Y20918		0.37	<10	10	139	<10	170
Y20919		0.38	<10	10	158	10	186
Y20920		0.39	<10	10	146	<10	136
Y20921		0.15	<10	<10	97	<10	348
Y20922		0.57	<10	10	210	<10	170
Y20923		0.48	<10	10	178	<10	153
Y20924		0.47	<10	10	189	<10	188
Y20925		0.45	<10	10	173	10	159
Y20926		0.36	<10	10	111	10	147
Y20927		0.32	<10	20	92	<10	98
Y20928		0.38	<10	10	111	<10	133
Y20929		0.33	<10	20	94	<10	104
Y20930		0.28	<10	<10	82	<10	86
Y20931		0.24	<10	<10	69	<10	59
Y20932		0.24	<10	<10	73	<10	133
Y20933		0.26	<10	<10	82	<10	302
Y20934		0.29	<10	<10	88	<10	128
Y20935		0.29	<10	<10	86	<10	268
Y20936		0.26	<10	<10	77	<10	157
Y20937		0.27	<10	<10	79	<10	359
Y20938		0.26	<10	<10	79	<10	144
Y20939		0.26	<10	<10	79	<10	94
Y20940		0.23	<10	<10	71	<10	168
Y20941		0.52	<10	<10	68	<10	93
Y20942		0.22	<10	<10	57	<10	57
Y20943		0.22	<10	<10	56	<10	59