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: 15-DEC-2011
Account: NORTEX

CERTIFICATE TM11243452

Project: 1916

P.O. No.: 11-139

This report is for 137 Drill Core samples submitted to our lab in Timmins, ON, Canada on 22-NOV-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 TM11243452

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
M66751		0.11	1.39		0.7	8.43	38	180	2.7	3	2.69	0.7	19	68	105	5.97
M66752		3.89	0.22		<0.5	1.81	6	90	2.2	<2	4.27	0.5	21	299	24	2.87
M66753		3.97	0.38		<0.5	3.93	10	330	3.0	<2	4.51	<0.5	33	369	65	4.41
M66754		3.40	2.78		1.6	5.95	6	1790	1.9	<2	2.64	<0.5	13	55	35	3.25
M66755		3.62	0.49		<0.5	4.49	<5	1590	2.0	<2	1.77	<0.5	8	43	57	2.52
M66756		3.55	0.75		<0.5	2.93	<5	1160	1.2	<2	0.99	<0.5	6	27	10	1.47
M66757		3.54	0.40		<0.5	7.54	<5	2570	3.6	<2	2.14	<0.5	14	100	25	4.45
M66758		3.62	0.39		<0.5	2.80	<5	1280	1.4	2	2.20	<0.5	6	36	11	1.99
M66759		3.23	0.35		<0.5	3.78	5	420	1.7	<2	1.69	0.6	11	84	35	2.62
M66760		3.90	0.23		<0.5	6.45	10	1340	5.8	<2	2.47	0.5	11	68	56	2.84
M66761		0.46	0.01		<0.5	1.85	<5	60	<0.5	<2	28.0	<0.5	5	22	59	1.24
M66762		3.45	1.35		<0.5	5.75	6	1400	2.3	<2	2.40	0.5	10	71	96	2.83
M66763		3.93	0.48		<0.5	5.81	6	1770	2.3	<2	3.34	0.6	9	42	87	2.70
M66764		3.85	0.30		<0.5	5.11	<5	1660	2.8	<2	3.08	0.5	8	47	53	2.78
M66765		3.63	0.60		0.6	6.73	<5	1660	2.8	<2	2.26	<0.5	13	63	252	3.01
M66766		3.48	7.29		7.9	7.24	10	1070	4.0	<2	2.78	0.7	14	65	74	3.68
M66767		2.98	0.52		1.0	7.26	8	1370	57.2	<2	3.03	1.0	16	75	218	3.40
M66768		2.44	0.33		0.7	6.96	24	1910	2.0	<2	3.91	0.8	16	70	233	3.49
M66769		3.62	0.54		0.5	5.11	23	720	3.1	<2	4.23	<0.5	38	266	104	5.94
M66770		4.23	0.19		<0.5	4.77	6	670	3.7	<2	6.00	<0.5	37	411	108	5.62
M66771		3.82	0.07		<0.5	6.18	20	570	7.0	<2	6.16	<0.5	49	587	115	6.37
M66772		3.62	0.03		<0.5	7.39	8	540	3.8	<2	4.23	<0.5	22	199	75	5.07
M66773		3.18	0.03		<0.5	5.91	11	370	3.8	<2	3.81	<0.5	36	458	70	5.62
M66774		4.39	0.03		<0.5	6.30	7	1370	2.8	<2	3.50	<0.5	10	40	52	3.08
M66775		4.25	0.12		<0.5	6.46	5	1860	3.1	<2	3.30	<0.5	11	42	62	3.03
M66776		3.86	0.14		<0.5	6.38	7	2260	2.7	<2	2.91	<0.5	12	42	99	3.07
M66777		3.33	0.17		<0.5	6.73	9	2000	3.7	<2	3.28	<0.5	14	44	122	3.07
M66778		3.64	0.25		0.6	6.34	6	1050	1.9	<2	3.72	0.5	12	39	555	3.03
M66779		2.12	1.31		1.7	5.78	<5	430	4.0	<2	5.74	0.7	33	545	405	6.58
M66780		3.59	1.17		1.4	7.04	9	1520	3.2	<2	4.35	0.8	16	46	522	3.32
M66781		0.11	5.86		1.1	8.17	101	170	4.0	2	2.34	<0.5	19	69	84	5.92
M66782		3.24	0.86		4.0	6.28	6	550	3.4	5	3.49	1.2	15	95	40	3.87
M66783		3.45	0.86		1.1	6.40	6	1760	3.8	<2	3.62	<0.5	13	92	51	3.08
M66784		3.14	0.11		<0.5	6.58	7	2350	4.0	<2	3.88	<0.5	10	94	63	2.91
M66785		3.65	0.36		0.6	6.67	<5	2150	2.3	<2	4.30	<0.5	13	96	28	3.07
M66786		4.02	0.10		<0.5	6.73	5	2590	4.8	<2	3.56	<0.5	11	122	82	3.29
M66787		3.66	0.15		<0.5	6.33	<5	2220	3.3	<2	3.37	<0.5	10	115	18	3.00
M66788		3.60	0.50		0.5	6.70	<5	2630	3.2	<2	3.20	<0.5	9	112	44	3.33
M66789		3.62	1.08		1.2	6.84	5	2450	3.2	<2	3.41	<0.5	11	103	25	3.07
M66790		4.28	0.10	92.1	<0.5	7.19	<5	2010	3.6	<2	2.87	<0.5	8	107	31	2.90

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Finalized Date: 15-DEC-2011
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CERTIFICATE OF ANALYSIS TM11243452

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
M66751		20	4.05	10	1.92	536	1	3.14	73	1240	73	2.92	<5	6	415	<10
M66752		10	0.66	10	2.93	1055	2	0.79	235	180	12	1.01	<5	8	326	<10
M66753		10	1.47	30	3.00	1535	8	1.62	228	700	13	1.84	<5	17	573	<10
M66754		20	4.04	50	1.51	956	6	2.36	24	1510	16	1.18	<5	8	785	<10
M66755		10	3.56	30	1.03	631	3	1.70	17	1250	12	0.21	<5	6	557	<10
M66756		10	1.73	30	0.58	340	1	1.07	10	670	10	0.13	<5	4	405	<10
M66757		20	5.07	70	1.69	1245	9	3.29	41	1700	32	0.43	<5	9	801	<10
M66758		10	1.83	50	1.15	667	6	0.95	17	620	24	0.28	<5	3	339	<10
M66759		10	2.46	40	1.02	582	10	1.50	45	600	23	1.60	<5	6	465	<10
M66760		20	3.98	90	1.35	949	37	2.50	27	1090	58	1.06	<5	7	616	<10
M66761		<10	0.51	120	0.93	236	2	0.12	40	710	4	1.17	5	3	1390	<10
M66762		20	3.91	40	1.16	761	25	2.66	22	1060	34	1.45	<5	6	625	<10
M66763		10	3.25	120	1.54	1185	2	1.44	14	1370	42	0.65	5	8	758	<10
M66764		10	2.96	80	1.32	865	<1	1.35	16	1420	33	1.13	<5	7	976	<10
M66765		20	3.97	60	1.18	608	14	3.14	21	1230	28	1.10	<5	7	865	<10
M66766		20	5.05	50	1.31	806	14	3.42	28	1350	60	2.65	<5	8	1130	10
M66767		20	5.14	50	1.31	865	15	3.24	29	1470	139	2.46	5	8	1310	<10
M66768		20	4.57	70	1.72	910	16	3.04	35	1340	128	2.02	<5	8	1050	<10
M66769		10	3.27	30	3.18	1300	12	1.82	155	770	59	2.56	8	20	639	<10
M66770		10	1.92	30	3.71	1525	9	1.86	203	820	35	2.03	<5	22	817	<10
M66771		20	2.68	50	4.28	1445	12	0.71	273	1050	25	1.82	<5	25	652	<10
M66772		20	1.67	90	2.60	1170	8	3.83	95	1770	51	0.35	<5	15	858	<10
M66773		10	1.66	60	2.82	1005	14	2.27	192	1200	14	1.07	<5	23	613	<10
M66774		20	2.82	40	1.73	869	3	3.03	29	1160	58	0.39	<5	7	1105	<10
M66775		20	3.73	40	1.57	793	7	2.68	24	1140	43	0.78	<5	7	845	<10
M66776		20	3.89	40	1.36	717	4	2.72	25	1130	47	0.88	<5	7	940	<10
M66777		20	4.33	40	1.44	732	7	2.78	31	1140	23	1.16	<5	7	964	<10
M66778		20	4.29	50	1.64	910	3	2.51	32	810	37	2.15	<5	6	1055	<10
M66779		20	3.04	80	3.94	1540	2	2.30	188	1300	124	4.92	<5	22	734	<10
M66780		20	4.88	60	2.01	1045	13	2.49	39	1040	57	2.12	6	7	1245	<10
M66781		20	4.06	10	1.76	445	<1	3.38	71	960	56	3.39	<5	5	302	<10
M66782		20	4.87	50	1.64	708	<1	0.49	76	1370	481	2.88	<5	7	1405	<10
M66783		10	4.93	60	1.80	703	<1	0.51	58	1380	37	1.52	5	7	1905	<10
M66784		20	5.88	60	1.93	668	<1	0.86	50	1380	21	0.20	<5	7	1645	<10
M66785		20	5.04	60	2.09	861	<1	1.18	59	1380	30	1.10	<5	7	1395	<10
M66786		20	5.56	60	2.04	697	<1	1.09	89	1270	19	0.14	<5	8	1645	<10
M66787		20	4.50	50	1.61	687	<1	1.84	67	1330	18	0.22	<5	6	1200	<10
M66788		20	4.92	60	1.61	697	<1	1.33	65	1410	15	0.46	<5	7	1560	<10
M66789		20	5.05	60	1.66	770	<1	1.63	65	1570	23	0.69	<5	7	1295	<10
M66790		20	5.26	60	1.73	641	<1	0.59	82	1530	23	0.63	<5	7	974	<10

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Finalized Date: 15-DEC-2011
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CERTIFICATE OF ANALYSIS TM11243452

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
M66751		0.58	<10	<10	73	<10	80
M66752		0.06	<10	<10	87	<10	72
M66753		0.10	<10	<10	134	<10	106
M66754		0.08	<10	<10	76	<10	68
M66755		0.08	<10	<10	65	<10	63
M66756		0.05	<10	<10	36	<10	32
M66757		0.09	<10	<10	109	<10	131
M66758		0.04	<10	<10	45	<10	63
M66759		0.05	<10	<10	61	<10	65
M66760		0.13	<10	<10	63	<10	102
M66761		0.10	<10	10	69	<10	263
M66762		0.11	<10	<10	75	10	64
M66763		0.11	<10	<10	70	10	84
M66764		0.11	<10	<10	64	<10	52
M66765		0.11	<10	<10	69	10	56
M66766		0.13	<10	<10	59	10	106
M66767		0.14	<10	<10	63	10	119
M66768		0.16	<10	<10	66	<10	111
M66769		0.21	<10	<10	153	<10	122
M66770		0.17	<10	<10	161	<10	109
M66771		0.25	<10	<10	177	10	187
M66772		0.19	<10	<10	134	10	115
M66773		0.25	<10	<10	181	2190	143
M66774		0.13	<10	<10	80	20	69
M66775		0.13	<10	<10	77	10	77
M66776		0.12	<10	<10	78	10	77
M66777		0.13	<10	<10	80	10	63
M66778		0.11	<10	<10	48	10	49
M66779		0.25	<10	<10	289	20	237
M66780		0.13	<10	<10	59	10	74
M66781		0.53	<10	10	71	<10	92
M66782		0.16	<10	<10	109	20	108
M66783		0.16	<10	<10	84	10	59
M66784		0.18	<10	<10	83	10	57
M66785		0.16	<10	<10	85	10	59
M66786		0.20	<10	<10	83	<10	86
M66787		0.17	<10	<10	75	10	58
M66788		0.16	<10	<10	91	10	55
M66789		0.15	<10	<10	84	10	54
M66790		0.16	<10	<10	93	10	76

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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
M66791		3.53	0.34		<0.5	6.48	<5	3630	3.5	<2	3.45	<0.5	13	99	47	2.89
M66792		2.32	<0.01		<0.5	6.89	<5	2380	3.7	<2	3.57	<0.5	14	106	108	3.01
M66793		4.31	0.99		0.5	3.69	<5	330	4.2	<2	8.06	<0.5	75	1485	221	6.94
M66794		3.15	0.46		<0.5	7.21	<5	2170	2.3	3	3.24	0.7	10	57	29	2.28
M66795		3.70	0.12		<0.5	5.69	<5	410	3.3	<2	6.66	<0.5	32	497	100	5.69
M66796		3.95	0.06		<0.5	6.20	6	260	3.4	<2	4.79	<0.5	33	392	33	7.18
M66797		4.05	0.05		<0.5	4.14	<5	640	3.0	<2	7.08	<0.5	34	404	73	5.78
M66798		4.05	0.08		<0.5	3.40	<5	780	3.3	<2	8.90	<0.5	51	856	66	6.14
M66799		3.64	0.08		<0.5	4.78	10	1130	1.9	<2	4.01	<0.5	55	687	136	5.24
M66800		3.76	0.08		<0.5	3.89	8	530	1.7	<2	7.48	<0.5	55	907	74	6.89
M66801		<0.02	0.07		<0.5	4.06	9	430	1.7	<2	8.30	<0.5	64	1095	90	7.70
M66802		4.20	0.07		<0.5	4.19	13	410	2.3	<2	6.74	<0.5	62	1215	124	8.30
M66803		3.92	0.11		<0.5	4.64	13	400	2.1	<2	8.93	<0.5	55	822	109	6.46
M66804		3.58	0.10		<0.5	4.78	15	510	2.4	<2	7.38	<0.5	68	946	166	7.40
M66805		3.13	0.13		<0.5	5.12	19	350	2.4	<2	7.10	<0.5	48	741	480	6.74
M66806		4.08	0.14		<0.5	6.55	13	190	3.3	<2	5.34	<0.5	42	339	121	6.30
M66807		3.26	0.13		<0.5	6.13	15	370	4.2	<2	5.12	<0.5	37	335	76	6.72
M66808		2.49	0.38		<0.5	5.84	5	360	3.1	<2	4.79	<0.5	36	439	364	6.17
M66809		3.68	0.10		<0.5	5.28	13	270	2.2	<2	5.37	1.4	62	1215	85	6.30
M66810		3.35	0.08		<0.5	4.27	11	1000	1.1	<2	5.18	<0.5	109	2590	57	5.45
M66811		3.59	0.11		<0.5	4.81	28	470	2.7	<2	6.08	<0.5	114	2090	70	6.81
M66812		3.60	0.12		<0.5	7.50	<5	2240	3.3	<2	2.38	<0.5	9	35	26	3.22
M66813		3.78	0.45		<0.5	7.53	7	2530	2.9	<2	2.78	<0.5	10	31	43	3.34
M66814		3.86	0.02		<0.5	7.83	<5	2290	3.8	<2	2.29	0.6	8	28	45	3.30
M66815		2.11	0.02		<0.5	7.92	<5	2330	4.5	<2	2.10	<0.5	8	29	29	3.37
M66816		3.91	0.03		<0.5	9.69	8	2590	5.7	<2	2.20	<0.5	9	31	26	3.51
M66817		3.75	0.18		0.8	9.91	12	2640	2.8	<2	3.03	<0.5	12	27	32	3.50
M66818		3.72	0.10		<0.5	7.43	<5	2310	3.4	<2	5.29	<0.5	9	23	36	3.69
M66819		3.93	0.24		0.8	7.25	6	2380	3.0	<2	3.47	<0.5	11	23	35	3.58
M66820		3.90	0.05		0.6	7.91	5	2300	4.9	<2	2.28	<0.5	8	25	20	3.29
M66821		0.12	1.40		1.1	8.34	38	180	2.8	5	2.64	0.7	21	72	109	5.84
M66822		3.47	0.02		0.7	7.25	<5	2200	4.1	<2	3.11	<0.5	8	25	35	3.46
M66823		3.41	0.45		0.7	7.06	<5	1790	2.4	<2	6.07	0.6	9	19	32	3.88
M66824		2.13	3.07		2.8	6.97	5	1290	1.3	<2	3.81	1.0	7	18	72	3.57
M66825		2.29	2.29		2.2	6.06	7	2350	1.5	<2	7.55	1.2	9	11	177	3.63
M66826		3.52	2.68		2.3	6.80	<5	1750	1.9	<2	2.34	0.6	7	18	75	2.70
M66827		3.32	1.43		1.2	7.65	<5	2290	2.5	<2	2.10	<0.5	7	20	41	2.99
M66828		3.53	1.74		1.6	7.49	<5	2300	3.2	<2	2.20	<0.5	8	21	88	2.94
M66829		3.55	2.22		2.3	7.14	<5	1520	3.3	<2	2.82	0.6	8	20	133	2.89
M66830		3.43	2.76	92.7	1.9	7.04	<5	2180	1.9	<2	4.19	0.5	7	21	70	3.31

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 15-DEC-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11243452

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
M66791		20	5.97	60	1.67	685	<1	0.16	65	1470	25	0.72	7	7	2090	<10
M66792		20	6.97	70	1.95	742	<1	0.42	92	1480	25	0.16	<5	8	1255	<10
M66793		10	2.55	20	6.10	2270	3	0.30	890	120	16	1.47	5	21	696	10
M66794		20	6.31	30	1.29	901	29	2.58	34	840	31	1.26	<5	6	1205	<10
M66795		20	2.58	60	5.43	1855	8	2.64	233	1300	27	1.16	<5	22	854	<10
M66796		20	2.13	60	4.66	1535	11	3.16	171	1340	18	0.49	<5	25	888	<10
M66797		10	0.66	60	3.57	2010	7	2.67	244	1000	39	0.21	<5	18	1755	<10
M66798		10	1.45	50	4.40	2790	56	1.38	574	620	61	0.30	<5	17	3200	<10
M66799		20	1.35	50	2.67	1310	105	2.49	441	670	99	0.89	<5	22	3440	<10
M66800		10	2.56	60	5.61	2850	3	0.57	637	580	114	0.84	6	19	1950	<10
M66801		10	2.80	60	6.16	3240	3	0.47	777	500	121	0.90	<5	21	1660	<10
M66802		20	2.52	40	6.86	3060	2	0.85	698	110	61	1.09	5	19	1220	<10
M66803		10	2.63	70	6.72	2940	3	1.27	576	920	55	1.24	<5	24	1550	<10
M66804		10	3.01	40	6.88	2710	2	1.02	599	710	47	1.60	<5	22	1450	<10
M66805		10	3.22	40	5.15	2390	119	1.50	445	1060	73	1.16	<5	25	768	<10
M66806		20	1.36	30	3.85	1740	3	3.55	139	1780	48	1.65	<5	31	631	<10
M66807		20	1.66	30	4.37	1695	4	2.62	129	1840	33	1.16	<5	28	580	<10
M66808		20	1.69	40	3.93	1660	4	3.05	157	1680	42	0.77	<5	32	713	<10
M66809		10	1.81	20	5.23	1710	4	2.39	844	900	106	1.27	<5	29	857	<10
M66810		10	1.04	10	4.71	1225	5	1.92	2260	120	58	1.53	6	30	2100	<10
M66811		10	1.25	20	4.95	1435	15	1.95	1130	130	61	1.80	<5	27	1355	<10
M66812		20	4.94	70	1.26	790	19	2.95	39	1210	111	0.23	<5	5	1220	<10
M66813		20	5.41	90	1.36	1055	8	2.65	15	1290	76	0.55	5	6	1145	<10
M66814		20	5.48	50	1.11	929	1	2.69	13	1290	119	0.07	<5	6	966	<10
M66815		20	5.83	50	1.02	849	<1	2.39	14	1280	89	0.07	<5	6	996	<10
M66816		30	6.54	110	1.12	742	1	2.40	14	1350	62	0.18	5	8	960	<10
M66817		20	5.37	300	1.34	800	1	2.86	13	1450	46	0.40	<5	8	1240	<10
M66818		20	5.12	220	2.26	1650	2	2.09	15	1180	87	0.60	<5	6	1395	<10
M66819		20	5.49	540	1.62	1225	3	2.66	13	1370	79	1.28	<5	5	1335	<10
M66820		20	5.84	50	1.10	792	<1	2.54	13	1260	68	0.13	<5	6	1040	<10
M66821		20	4.19	10	1.90	523	<1	3.10	74	1200	69	2.89	<5	6	413	<10
M66822		20	5.61	120	1.35	1045	<1	2.59	11	1310	78	0.09	<5	6	1110	<10
M66823		20	5.00	170	2.61	1705	5	2.37	16	1230	47	1.67	<5	6	1070	<10
M66824		20	5.89	90	1.69	1155	71	2.47	14	1150	55	2.02	<5	5	1945	<10
M66825		20	5.07	310	3.41	1785	123	1.80	17	950	69	1.73	<5	5	1885	<10
M66826		20	4.64	60	0.79	665	19	1.78	9	1010	46	2.02	<5	4	1600	<10
M66827		20	5.52	60	0.68	560	1	2.30	10	1170	38	1.69	<5	5	1990	<10
M66828		20	5.73	50	0.73	759	<1	2.51	9	1100	41	1.73	<5	5	1835	<10
M66829		20	6.14	60	1.08	782	1	2.19	9	1100	39	2.01	<5	4	2420	<10
M66830		20	6.08	60	1.58	1015	2	2.51	10	1080	29	1.36	<5	5	1455	<10

***** See Appendix Page for comments regarding this certificate *****

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

Finalized Date: 15-DEC-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11243452

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
M66791		0.17	<10	<10	75	10	66
M66792		0.18	<10	<10	66	10	83
M66793		0.15	<10	<10	195	10	418
M66794		0.10	<10	<10	32	20	56
M66795		0.31	<10	<10	187	10	276
M66796		0.37	<10	<10	198	10	261
M66797		0.22	<10	<10	157	<10	176
M66798		0.18	<10	<10	130	10	257
M66799		0.31	<10	<10	173	10	236
M66800		0.25	<10	<10	140	10	366
M66801		0.25	10	<10	147	<10	423
M66802		0.19	<10	10	121	<10	396
M66803		0.34	<10	<10	153	10	355
M66804		0.31	10	<10	153	10	359
M66805		0.33	10	<10	185	<10	303
M66806		0.36	<10	<10	207	<10	208
M66807		0.37	<10	<10	211	10	217
M66808		0.36	<10	<10	213	10	156
M66809		0.32	<10	<10	188	<10	428
M66810		0.19	<10	<10	171	<10	212
M66811		0.19	<10	<10	168	<10	339
M66812		0.17	<10	<10	81	10	88
M66813		0.17	<10	<10	78	10	103
M66814		0.19	<10	<10	93	10	149
M66815		0.20	<10	<10	90	10	117
M66816		0.23	<10	<10	95	10	101
M66817		0.19	<10	<10	87	10	124
M66818		0.14	<10	<10	93	10	136
M66819		0.13	<10	<10	89	10	132
M66820		0.18	<10	<10	98	10	94
M66821		0.60	<10	10	77	<10	82
M66822		0.18	<10	<10	96	10	109
M66823		0.15	<10	<10	91	20	122
M66824		0.11	<10	<10	89	20	101
M66825		0.08	<10	<10	61	110	138
M66826		0.11	<10	<10	43	10	74
M66827		0.12	<10	<10	56	10	69
M66828		0.13	<10	<10	70	10	49
M66829		0.11	<10	<10	53	10	65
M66830		0.12	<10	<10	73	20	78

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

Finalized Date: 15-DEC-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11243452

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
M66831		3.54	1.76		1.4	7.23	6	2570	2.4	<2	2.76	<0.5	8	22	114	3.04
M66832		2.24	2.13		1.7	7.16	6	2440	2.0	<2	2.10	<0.5	7	21	111	2.77
M66833		2.20	1.94		1.5	7.59	9	1940	3.6	<2	2.76	<0.5	7	21	82	3.02
M66834		3.15	1.17		1.0	7.24	6	1390	2.0	<2	2.72	<0.5	8	22	73	3.13
M66835		3.33	0.08		<0.5	6.80	<5	1910	5.0	<2	4.17	<0.5	15	103	76	3.98
M66836		3.60	0.03		<0.5	6.87	6	2400	3.9	<2	4.58	<0.5	16	99	56	4.05
M66837		2.89	0.01		<0.5	6.58	6	2210	3.7	<2	4.12	<0.5	17	102	37	3.97
M66838		2.85	0.20		0.5	7.23	<5	2510	4.4	<2	4.40	<0.5	18	108	41	4.30
M66839		3.14	2.99		2.0	6.80	10	2020	2.1	<2	3.35	<0.5	9	20	182	2.95
M66840		3.51	2.80		1.9	6.87	8	1410	1.2	<2	3.29	<0.5	7	19	93	2.93
M66841		0.51	<0.01		<0.5	2.90	6	90	0.6	<2	39.5	<0.5	8	32	92	1.72
M66842		3.36	1.68		1.4	6.39	7	1740	1.7	<2	3.03	<0.5	7	20	82	2.85
M66843		3.17	3.22		1.9	5.91	9	920	4.3	<2	2.59	0.5	7	21	96	2.76
M66844		3.25	3.51		3.3	6.93	11	1130	2.5	<2	2.72	<0.5	7	22	141	2.87
M66845		3.59	2.25		1.4	6.53	7	1400	1.5	<2	2.44	<0.5	7	22	72	2.59
M66846		3.20	2.31		1.8	6.57	7	1120	5.9	<2	3.04	<0.5	7	20	86	2.79
M66847		3.24	2.70		2.0	6.98	<5	1080	2.6	<2	2.74	<0.5	8	21	163	2.85
M66848		3.25	6.82		3.7	6.90	<5	1150	2.1	2	2.46	<0.5	9	23	227	3.05
M66849		3.19	3.35		1.7	7.54	<5	2280	3.1	<2	2.49	<0.5	9	22	176	2.92
M66850		3.32	1.39		0.8	6.86	<5	1530	2.2	<2	2.43	<0.5	7	21	69	2.67
M66851		2.59	2.14		1.5	6.85	<5	1360	2.3	<2	2.70	<0.5	8	20	94	2.84
M66852		2.50	2.48		1.3	7.34	5	2610	2.7	<2	2.65	<0.5	8	24	74	3.09
M66853		1.40	0.17		<0.5	6.73	6	1740	4.4	<2	4.63	<0.5	13	21	64	3.34
M66854		2.99	1.33		<0.5	7.52	<5	2360	3.1	<2	2.66	<0.5	7	24	70	3.01
M66855		2.20	2.77		2.0	7.49	<5	1820	2.3	2	2.51	<0.5	9	23	98	2.93
M66856		2.64	2.53		1.0	6.58	6	1070	2.2	<2	3.33	2.1	9	21	55	3.22
M66857		3.49	1.41		0.6	3.07	6	110	1.9	2	3.23	1.9	25	150	98	3.70
M66858		3.45	2.07		0.9	5.93	6	820	3.0	<2	6.83	<0.5	20	148	62	4.01
M66859		3.38	6.95		3.2	6.55	<5	1330	1.6	4	3.03	<0.5	12	18	70	3.14
M66860		3.28	2.78		0.8	7.32	<5	1360	1.9	<2	2.42	<0.5	9	22	239	3.19
M66861		0.11	5.93		1.1	7.86	104	160	3.9	3	2.29	<0.5	18	66	87	5.67
M66862		3.44	2.01		0.9	7.62	<5	1740	1.4	<2	2.12	<0.5	7	18	105	2.51
M66863		2.69	6.46		4.3	7.49	<5	1740	1.5	2	2.53	<0.5	8	23	59	3.21
M66864		2.37	1.40		<0.5	6.73	12	1070	3.5	<2	6.89	<0.5	34	391	105	6.08
M66865		2.78	1.54		1.0	6.63	<5	1110	1.7	<2	3.08	<0.5	10	29	54	3.12
M66866		3.39	0.09		<0.5	6.92	7	340	2.7	<2	2.51	<0.5	40	34	163	10.40
M66867		3.39	0.01		<0.5	7.09	7	1800	1.8	<2	4.63	<0.5	42	72	136	8.99
M66868		4.10	0.11		<0.5	6.24	<5	1100	2.5	<2	5.17	<0.5	31	238	114	5.79
M66869		3.78	0.09		<0.5	6.31	<5	2090	2.2	<2	4.43	<0.5	22	174	48	4.17
M66870		<0.02	0.06	95.7	<0.5	7.14	<5	2200	3.6	<2	4.54	<0.5	25	447	216	6.09

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PO BOX 187
MATACHEWAN ON P0K 1M0

Finalized Date: 15-DEC-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11243452

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
M66831		20	5.55	40	0.91	677	1	2.58	10	1200	29	1.20	6	5	1505	<10
M66832		20	4.74	40	0.59	486	<1	2.16	9	1080	56	1.45	<5	4	1560	<10
M66833		20	5.28	50	0.79	737	<1	2.63	9	1140	21	1.75	<5	5	1540	<10
M66834		20	4.87	40	0.72	713	<1	2.60	13	1160	42	2.11	<5	5	1775	<10
M66835		20	4.94	60	1.74	878	<1	0.81	45	1900	17	0.16	<5	11	1010	<10
M66836		20	5.15	60	2.10	881	<1	1.35	48	1910	34	0.78	<5	12	1325	<10
M66837		20	4.44	50	2.29	835	<1	1.90	49	1880	30	0.06	5	10	1250	<10
M66838		20	4.82	70	1.95	886	1	1.38	48	1960	23	0.76	<5	12	1650	<10
M66839		20	4.58	40	0.91	787	1	2.46	13	1200	28	1.67	<5	4	1495	<10
M66840		20	4.86	40	0.88	745	16	2.29	10	1150	33	2.06	<5	5	1605	<10
M66841		<10	0.77	180	1.31	331	4	0.19	58	1020	8	1.62	8	4	1990	<10
M66842		20	4.89	60	0.90	783	4	2.51	9	1160	44	1.78	<5	4	1600	<10
M66843		20	4.48	30	0.57	605	<1	2.19	9	1010	43	1.96	<5	4	2180	<10
M66844		20	4.42	50	0.61	564	24	1.84	10	1040	63	2.23	<5	4	889	<10
M66845		20	4.15	80	0.56	535	30	1.90	9	1010	31	1.67	<5	4	879	<10
M66846		20	4.19	130	0.60	615	9	1.66	9	1100	32	1.96	<5	4	881	<10
M66847		20	4.98	60	0.93	710	1	1.91	9	980	40	1.96	<5	5	1705	<10
M66848		20	4.95	50	0.77	673	<1	2.12	10	1030	28	2.10	<5	5	1155	<10
M66849		20	5.00	50	0.91	702	<1	2.28	10	1170	32	1.64	<5	5	1785	<10
M66850		20	4.53	60	0.83	632	1	2.01	9	1060	72	1.91	5	5	1155	<10
M66851		20	4.60	50	0.93	678	1	1.94	10	1110	95	2.05	<5	4	1175	<10
M66852		20	4.97	60	0.98	692	2	2.04	13	1470	54	1.52	<5	5	1145	<10
M66853		20	5.50	100	2.19	1120	<1	1.30	30	3400	46	0.61	<5	6	861	<10
M66854		20	5.22	60	1.03	667	<1	2.39	19	1350	25	0.62	<5	5	980	<10
M66855		20	4.78	50	1.00	558	<1	2.08	15	1060	25	1.99	<5	5	982	<10
M66856		20	4.62	40	1.17	644	<1	1.68	19	880	147	2.55	<5	5	909	<10
M66857		10	1.25	20	1.29	544	3	1.31	56	630	185	2.74	<5	13	309	<10
M66858		20	4.25	70	2.04	916	22	1.40	108	2340	124	1.80	<5	11	849	<10
M66859		20	4.69	70	1.01	514	206	1.18	20	860	269	2.43	<5	5	573	<10
M66860		20	5.01	60	1.03	456	5	2.23	12	1000	49	2.19	<5	5	769	<10
M66861		20	4.04	10	1.77	438	<1	3.30	68	940	54	3.25	<5	5	315	<10
M66862		20	5.56	60	0.94	368	54	2.35	10	1000	140	1.57	<5	4	595	<10
M66863		20	5.25	60	1.05	435	17	2.23	12	1080	91	2.00	6	5	579	<10
M66864		20	2.80	60	3.49	1035	<1	2.00	69	3160	30	2.08	<5	24	709	<10
M66865		20	5.43	40	0.94	473	3	1.60	13	790	78	1.55	<5	5	383	<10
M66866		20	0.95	20	4.55	1520	<1	2.13	36	950	32	0.20	<5	35	262	<10
M66867		20	2.15	10	4.13	1825	<1	1.53	75	560	110	0.16	<5	32	325	<10
M66868		20	2.18	30	3.82	1505	16	2.71	109	1050	26	0.15	<5	20	684	<10
M66869		10	3.80	40	2.34	1140	4	2.05	71	880	16	0.10	<5	14	636	<10
M66870		20	3.05	40	1.73	775	2	2.17	148	1140	6	0.49	<5	21	274	<10

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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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: 15-DEC-2011
Account: NORTEX

Project: 1916

CERTIFICATE OF ANALYSIS TM11243452

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
M66831		0.13	<10	<10	81	20	73
M66832		0.11	<10	<10	65	20	53
M66833		0.13	<10	<10	60	20	52
M66834		0.13	<10	<10	68	20	42
M66835		0.24	<10	<10	111	10	87
M66836		0.26	<10	<10	121	10	80
M66837		0.24	<10	<10	102	<10	87
M66838		0.25	<10	<10	134	10	96
M66839		0.11	<10	<10	73	20	71
M66840		0.10	<10	<10	44	10	61
M66841		0.15	<10	<10	100	<10	392
M66842		0.13	<10	<10	63	20	71
M66843		0.13	<10	<10	61	20	62
M66844		0.12	<10	<10	55	10	59
M66845		0.10	<10	<10	47	10	50
M66846		0.10	<10	<10	49	10	50
M66847		0.12	<10	<10	55	10	73
M66848		0.12	<10	<10	52	20	62
M66849		0.15	<10	<10	78	10	62
M66850		0.13	<10	<10	46	10	57
M66851		0.14	<10	<10	48	10	72
M66852		0.16	<10	<10	82	10	67
M66853		0.20	<10	<10	121	20	132
M66854		0.18	<10	<10	96	10	68
M66855		0.17	<10	<10	55	20	58
M66856		0.14	<10	<10	40	20	141
M66857		0.24	<10	10	105	30	167
M66858		0.24	<10	<10	79	10	163
M66859		0.13	<10	<10	34	40	69
M66860		0.16	<10	<10	54	10	75
M66861		0.52	<10	<10	70	<10	91
M66862		0.12	<10	<10	47	10	81
M66863		0.16	<10	<10	54	20	60
M66864		0.45	<10	<10	228	20	161
M66865		0.16	<10	<10	70	10	68
M66866		0.92	<10	<10	348	10	243
M66867		0.65	<10	<10	287	<10	128
M66868		0.39	<10	<10	162	<10	140
M66869		0.30	<10	<10	121	<10	100
M66870		0.35	<10	<10	153	10	94

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CERTIFICATE OF ANALYSIS TM11243452

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
M66871		3.64	0.18		<0.5	5.83	6	3740	2.4	<2	7.75	<0.5	11	158	259	3.24
M66872		3.71	0.11		<0.5	6.23	<5	1500	2.1	<2	7.36	<0.5	32	252	93	5.27
M66873		3.77	0.28		<0.5	4.21	<5	1970	1.0	<2	19.3	<0.5	25	211	48	4.63
M66874		3.54	0.78		0.5	6.80	<5	910	1.8	<2	5.03	<0.5	33	251	61	5.55
M66875		3.78	0.47		<0.5	6.69	<5	2690	2.5	<2	2.69	<0.5	22	208	37	3.63
M66876		3.65	0.28		<0.5	7.23	5	2920	4.2	<2	4.24	<0.5	17	237	49	4.00
M66877		3.97	0.53		<0.5	6.63	6	1430	2.0	<2	1.95	<0.5	18	165	46	2.98
M66878		3.83	0.38		<0.5	6.71	<5	1090	1.3	<2	1.84	<0.5	25	141	72	3.60
M66879		4.19	0.19		<0.5	7.18	<5	880	1.5	<2	2.28	<0.5	24	147	76	4.11
M66880		3.94	0.21		<0.5	6.99	<5	730	1.4	<2	3.27	<0.5	21	217	126	4.02
M66881		<0.02	0.18		<0.5	7.12	<5	740	1.4	<2	2.58	<0.5	20	226	99	3.98
M66882		3.93	0.13		<0.5	6.91	<5	540	1.6	2	2.34	<0.5	22	197	39	3.38
M66883		3.68	0.11		<0.5	7.44	7	550	2.0	<2	2.29	<0.5	21	193	47	3.41
M66884		2.93	0.12		<0.5	7.13	5	250	1.1	<2	2.15	<0.5	14	185	26	3.03
M66885		2.57	0.05		<0.5	7.73	11	180	1.1	<2	2.93	<0.5	20	184	43	4.15
M66886		3.38	0.07		<0.5	7.54	11	330	1.0	<2	1.98	<0.5	21	111	57	3.48
M66887		3.72	0.07		<0.5	7.18	10	790	0.9	<2	1.51	<0.5	16	123	29	2.92

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CERTIFICATE OF ANALYSIS TM11243452

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
M66871		20	1.47	40	1.19	772	2	3.18	66	1310	6	0.37	<5	8	705	<10
M66872		20	2.45	80	2.30	865	<1	2.32	105	2270	13	0.83	<5	20	730	<10
M66873		10	2.31	40	1.77	1025	1	0.68	99	1200	6	0.98	<5	16	363	<10
M66874		20	2.70	60	3.31	814	1	2.27	111	1760	11	1.44	<5	21	309	<10
M66875		20	1.90	20	2.11	571	1	3.50	117	800	12	1.08	<5	13	606	<10
M66876		20	2.36	60	2.59	947	2	3.43	113	2020	19	0.61	<5	10	912	<10
M66877		20	1.43	20	1.39	492	2	3.86	79	520	11	0.90	<5	11	463	<10
M66878		20	1.62	30	1.22	486	7	3.90	64	480	16	1.36	<5	9	464	<10
M66879		20	2.21	40	1.53	582	12	3.50	85	660	44	1.03	<5	11	498	<10
M66880		20	2.90	20	1.78	572	<1	2.89	102	690	9	1.00	<5	13	276	<10
M66881		20	2.80	20	1.75	551	<1	3.04	104	690	7	0.95	<5	14	287	<10
M66882		20	1.98	20	1.37	474	<1	3.54	98	530	20	1.12	<5	11	391	<10
M66883		20	1.68	30	1.25	537	18	4.02	112	550	23	1.21	<5	11	435	<10
M66884		20	0.82	20	1.22	486	1	4.70	95	460	13	0.98	<5	11	362	<10
M66885		20	0.41	30	1.23	644	4	5.55	86	530	17	1.55	<5	10	438	<10
M66886		20	0.62	30	1.15	514	7	5.21	61	520	14	1.37	<5	9	478	<10
M66887		20	1.41	20	1.23	502	5	4.62	66	500	14	0.86	<5	9	524	<10

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Sample Description	Method / Analyte / Units / LOR	ME-ICP61 Ti % 0.01	ME-ICP61 Tl ppm 10	ME-ICP61 U ppm 10	ME-ICP61 V ppm 1	ME-ICP61 W ppm 10	ME-ICP61 Zn ppm 2
M66871		0.18	<10	<10	74	<10	55
M66872		0.36	<10	<10	147	10	87
M66873		0.34	<10	<10	121	20	62
M66874		0.36	<10	<10	169	20	111
M66875		0.28	<10	<10	110	20	69
M66876		0.23	<10	<10	96	20	91
M66877		0.23	<10	<10	95	10	61
M66878		0.21	<10	<10	82	10	52
M66879		0.26	<10	<10	102	20	63
M66880		0.31	<10	<10	108	10	97
M66881		0.31	<10	<10	109	10	96
M66882		0.24	<10	<10	89	40	72
M66883		0.25	<10	10	88	20	72
M66884		0.24	<10	10	86	10	71
M66885		0.25	<10	20	81	20	73
M66886		0.22	<10	20	68	10	62
M66887		0.22	<10	10	68	10	65

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CERTIFICATE OF ANALYSIS TM11243452

Method	CERTIFICATE COMMENTS
ME-ICP61	Uranium ICP-AES results reported below 500ppm are considered to be semi-quantitative due to interference when Ce >500 ppm