ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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

Date: 2-NOV-2010
Account: NORTEX

CERTIFICATE TM10154589

Project: 1916

P.O. No.: 10-109

This report is for 77 Drill Core samples submitted to our lab in Timmins, ON, Canada on 28-OCT-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

PARTIAL DATA REPORT

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

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

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PRELIMINARY CERTIFICATE OF ANALYSIS

TM10154589

PARTIAL DATA REPORT

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
M64847		3.95	0.01	92.0	<0.5	7.89	11	1200	<0.5	<2	5.73	<0.5	46	146	177	8.91
M64848		3.71	0.03		<0.5	6.08	9	390	1.5	<2	5.48	<0.5	50	679	84	6.98
M64849		4.35	0.03		<0.5	5.66	11	430	1.8	<2	5.67	<0.5	49	899	64	6.86
M64850		4.52	<0.01		<0.5	5.57	5	500	1.8	<2	6.92	<0.5	49	751	69	6.54
M64851		3.83	<0.01		<0.5	5.50	6	560	2.0	<2	5.55	<0.5	52	865	78	6.97
M64852		4.16	0.01		<0.5	5.80	10	470	1.9	<2	5.13	<0.5	59	855	68	6.89
M64853		4.33	0.02		<0.5	6.23	24	430	1.9	<2	4.60	<0.5	48	672	79	6.07
M64854		3.82	0.03		<0.5	5.75	17	500	1.9	<2	5.23	<0.5	52	745	41	6.49
M64855		4.64	0.01		<0.5	5.53	9	760	1.9	<2	5.01	<0.5	55	904	61	6.89
M64856		4.17	0.03		<0.5	5.37	7	880	1.8	<2	5.13	<0.5	58	957	69	7.18
M64857		3.21	0.01		<0.5	5.44	10	810	1.7	<2	5.04	<0.5	53	864	61	6.71
M64858		3.91	0.03		<0.5	6.49	9	1150	2.5	<2	3.26	<0.5	46	550	43	6.20
M64859		2.96	0.02		<0.5	6.64	6	2310	3.1	<2	2.93	<0.5	34	435	30	5.68
M64860		1.78	0.01		<0.5	7.34	<5	3540	3.1	<2	3.71	<0.5	25	165	69	5.50
M64861		0.52	<0.01		<0.5	2.62	<5	90	0.5	<2	41.0	<0.5	10	30	94	1.56
M64862		2.67	<0.01		<0.5	6.06	11	1430	3.8	<2	3.81	<0.5	39	622	26	6.18
M64863		3.65	<0.01		<0.5	7.24	5	2440	3.3	<2	3.67	<0.5	22	148	46	5.15
M64864		2.86	<0.01		<0.5	7.29	6	2890	3.0	<2	3.74	<0.5	18	93	61	5.10
M64865		3.19	<0.01		<0.5	7.40	5	2430	2.7	<2	4.29	<0.5	21	127	68	5.11
M64866		1.61	0.01		<0.5	6.41	<5	4920	3.8	<2	3.77	<0.5	41	554	19	6.37
M64867		2.81	0.01		<0.5	7.10	<5	2760	3.2	<2	3.93	<0.5	25	175	52	5.19
M64868		4.89	0.01		<0.5	6.77	7	3760	2.9	<2	5.97	<0.5	21	135	52	4.92
M64869		3.64	0.02		<0.5	7.04	5	2200	3.3	<2	3.42	<0.5	32	315	66	5.64
M64870		3.02	0.04		<0.5	6.91	5	3150	3.4	<2	3.01	<0.5	32	317	82	5.82
M64871		2.28	0.08		<0.5	7.04	7	3650	3.2	<2	2.95	<0.5	33	357	70	5.74
M64872		1.32	<0.01		<0.5	6.18	<5	480	3.9	<2	3.55	<0.5	45	659	31	6.38
M64873		4.14	0.11		<0.5	6.55	6	1410	3.8	<2	3.75	<0.5	38	471	27	6.15
M64874		2.02	0.01		<0.5	6.68	5	2260	3.3	<2	4.05	<0.5	33	371	89	5.80
M64875		2.86	0.02		<0.5	7.04	<5	3460	2.6	<2	3.99	<0.5	26	259	80	5.46
M64876		3.97	0.01		<0.5	5.97	5	1490	2.4	<2	3.47	<0.5	43	587	59	6.08
M64877		3.65	0.02		<0.5	6.33	<5	1720	2.4	<2	3.71	<0.5	38	471	100	5.67
M64878		4.17	0.01		<0.5	6.68	<5	3070	2.2	<2	3.39	<0.5	34	384	81	5.87
M64879		3.75	0.03		<0.5	5.87	<5	1770	2.4	<2	4.17	<0.5	47	620	63	6.04
M64880		4.02	0.01		<0.5	5.61	<5	1270	1.9	<2	4.21	<0.5	48	704	41	6.08
M64881		0.11	5.84		0.7	7.34	26	180	2.4	<2	1.76	<0.5	15	53	27	5.50
M64882		3.97	0.06		<0.5	5.78	<5	2270	2.3	<2	3.93	<0.5	46	625	57	5.96
M64883		4.08	0.02		<0.5	6.51	<5	3540	2.8	<2	3.36	<0.5	40	478	72	5.34
M64884		3.99	0.02		<0.5	5.91	5	1440	4.5	<2	4.04	<0.5	50	689	38	6.54
M64885		2.90	0.02		<0.5	6.51	5	1430	4.6	<2	4.64	<0.5	33	392	82	6.15
M64886		2.18	0.02	90.5	<0.5	6.95	6	1000	5.1	<2	4.33	<0.5	26	297	125	5.53

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Project: 1916

PRELIMINARY CERTIFICATE OF ANALYSIS TM10154589

Sample Description	Method Analyte Units LOR	

PARTIAL DATA REPORT

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PRELIMINARY CERTIFICATE OF ANALYSIS

TM10154589

PARTIAL DATA REPORT

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
M64847		10	2.02	10	4.02	1495	<1	1.63	125	420	5	0.09	<5	35	533	<10
M64848		10	0.62	40	7.32	1320	1	2.68	456	1540	17	0.56	<5	22	401	<10
M64849		10	0.56	30	8.78	1275	<1	2.05	583	1370	11	0.38	<5	23	513	<10
M64850		10	0.83	40	8.19	1285	<1	1.96	541	1380	17	0.23	<5	21	661	<10
M64851		10	1.42	30	8.86	1245	<1	1.72	604	1370	5	0.22	<5	22	599	<10
M64852		10	1.30	30	8.53	1225	1	2.15	604	1330	14	0.68	<5	22	548	10
M64853		10	1.06	40	7.25	1095	1	3.13	452	1510	14	0.89	<5	21	573	<10
M64854		10	1.24	30	7.82	1125	<1	2.44	539	1400	17	1.01	<5	20	551	<10
M64855		10	1.77	30	9.01	1225	<1	1.72	624	1290	7	0.32	<5	22	627	<10
M64856		10	2.01	30	9.50	1315	1	1.26	652	1200	8	0.23	<5	23	608	<10
M64857		10	2.30	30	8.62	1310	1	1.30	587	1250	11	0.25	<5	22	475	<10
M64858		10	2.10	50	5.83	1045	3	2.80	356	1760	24	1.27	<5	18	374	<10
M64859		20	1.92	50	5.11	1115	6	3.05	271	1890	34	1.21	<5	17	778	<10
M64860		20	1.56	70	2.94	882	4	4.50	99	2210	32	1.04	<5	15	680	<10
M64861		<10	0.74	180	1.29	315	4	0.18	61	990	7	1.6	7	3	2020	<10
M64862		20	3.00	40	6.65	1645	2	2.05	428	1410	12	0.17	<5	19	350	<10
M64863		10	1.66	70	2.84	1025	2	4.43	90	2180	27	0.34	<5	14	581	<10
M64864		10	1.51	60	2.39	1050	1	4.63	78	2220	74	0.23	<5	13	680	10
M64865		10	1.73	70	2.61	1100	2	4.50	81	2180	100	0.17	<5	14	686	<10
M64866		10	3.54	40	5.88	1660	1	2.22	369	1690	24	0.13	<5	19	641	<10
M64867		20	1.87	60	3.12	1110	1	4.06	67	2360	24	0.08	<5	17	565	<10
M64868		10	1.71	60	2.75	1260	<1	4.01	59	2280	25	0.11	<5	16	758	<10
M64869		20	2.29	60	4.22	1205	<1	3.63	290	2050	28	0.07	<5	15	467	<10
M64870		20	1.96	50	4.35	1185	1	3.61	218	2090	20	0.10	<5	15	462	<10
M64871		20	1.79	60	4.71	1220	1	3.54	252	1920	15	0.12	<5	16	468	<10
M64872		20	2.95	40	7.26	1815	<1	1.95	443	1530	5	0.02	<5	19	176	<10
M64873		10	2.72	70	5.74	1575	<1	2.78	312	1890	24	0.04	<5	18	338	<10
M64874		10	1.93	50	4.76	1305	2	3.60	249	1850	16	0.09	<5	16	450	<10
M64875		20	1.30	60	3.45	1025	<1	4.49	160	1970	33	0.13	<5	15	572	<10
M64876		<10	2.11	40	6.87	1345	3	2.62	408	1510	17	0.05	<5	19	320	<10
M64877		10	1.88	40	5.44	1290	7	3.36	330	1630	77	0.07	<5	17	366	<10
M64878		20	1.24	50	5.02	1095	4	3.85	256	1930	66	0.11	<5	17	488	<10
M64879		10	1.98	30	6.85	1300	5	2.61	454	1410	22	0.06	<5	19	359	<10
M64880		10	1.78	30	7.29	1190	2	2.53	489	1320	8	0.04	<5	19	323	<10
M64881		20	2.22	10	1.33	391	1	3.83	57	1170	71	3.49	<5	4	263	<10
M64882		10	1.74	30	7.34	1540	6	2.13	449	1370	6	0.08	<5	18	450	<10
M64883		10	1.37	40	5.54	1650	5	3.16	364	1440	60	0.23	<5	16	750	<10
M64884		20	1.96	30	7.58	2020	<1	1.85	506	1440	22	0.11	<5	20	580	<10
M64885		10	1.92	60	5.05	1660	<1	2.31	240	1910	185	0.33	<5	19	673	<10
M64886		10	1.70	70	4.11	1390	<1	2.73	112	2230	100	0.36	<5	21	585	<10

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PRELIMINARY CERTIFICATE OF ANALYSIS TM10154589

Sample Description	Method Analyte Units LOR	

PARTIAL DATA REPORT

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PARTIAL DATA REPORT

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
M64847		0.55	<10	10	246	<10	111
M64848		0.41	<10	<10	163	<10	111
M64849		0.36	<10	<10	159	<10	122
M64850		0.36	<10	<10	149	<10	107
M64851		0.38	<10	<10	161	<10	104
M64852		0.36	<10	<10	161	10	102
M64853		0.37	<10	10	148	10	89
M64854		0.35	<10	10	148	<10	92
M64855		0.36	<10	<10	160	<10	103
M64856		0.36	<10	<10	159	<10	105
M64857		0.36	<10	<10	155	<10	111
M64858		0.37	<10	10	144	<10	94
M64859		0.37	<10	<10	151	<10	107
M64860		0.37	<10	10	139	<10	83
M64861		0.15	<10	20	102	<10	379
M64862		0.36	<10	<10	141	<10	149
M64863		0.36	<10	10	135	10	92
M64864		0.34	10	10	127	<10	99
M64865		0.35	<10	10	130	<10	108
M64866		0.39	<10	<10	152	<10	203
M64867		0.35	<10	10	145	<10	112
M64868		0.34	<10	10	136	<10	102
M64869		0.36	<10	<10	145	<10	154
M64870		0.38	<10	10	149	<10	152
M64871		0.36	<10	<10	141	<10	162
M64872		0.39	<10	<10	150	<10	243
M64873		0.38	<10	<10	154	<10	218
M64874		0.35	<10	<10	143	<10	151
M64875		0.32	<10	10	134	10	111
M64876		0.37	<10	<10	143	<10	187
M64877		0.33	<10	10	140	<10	210
M64878		0.34	<10	10	142	<10	164
M64879		0.35	<10	<10	143	<10	193
M64880		0.34	<10	<10	141	<10	147
M64881		0.41	10	10	52	10	53
M64882		0.36	<10	<10	136	<10	193
M64883		0.31	<10	<10	126	<10	225
M64884		0.36	<10	<10	147	<10	324
M64885		0.35	<10	<10	151	10	295
M64886		0.35	<10	<10	154	<10	281

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PARTIAL DATA REPORT

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
M64887		4.17	0.04		0.7	6.97	5	2170	3.5	<2	2.83	1.7	16	50	71	4.25
M64888		4.08	0.02		<0.5	7.39	5	3070	3.5	<2	2.87	<0.5	13	53	33	4.25
M64889		3.84	0.04		<0.5	7.27	8	2190	4.2	<2	3.25	1.1	15	75	43	3.50
M64890		4.09	0.06		0.8	6.07	7	1680	5.3	<2	7.01	1.0	35	538	88	5.18
M64891		3.90	0.13		<0.5	5.50	10	1280	3.1	<2	7.86	<0.5	46	800	59	5.60
M64892		2.50	0.02		<0.5	7.07	<5	2540	3.9	<2	4.66	<0.5	20	122	36	4.66
M64893		3.23	0.06		<0.5	5.72	14	2720	3.6	<2	6.41	<0.5	27	270	77	4.27
M64894		3.52	0.20		9.0	6.11	17	550	3.7	16	4.57	0.8	17	145	41	3.57
M64895		3.65	0.13		0.6	6.83	17	990	2.3	<2	3.31	<0.5	12	53	34	3.08
M64896		3.85	0.23		0.5	7.14	14	2190	2.2	<2	3.41	<0.5	11	60	26	3.05
M64897		3.59	0.37		0.5	7.60	27	930	3.0	<2	3.70	<0.5	13	23	35	3.24
M64898		4.03	0.59		0.5	7.82	28	830	2.2	2	4.99	<0.5	13	38	32	3.01
M64899		3.51	0.29		0.5	7.72	9	1740	2.9	<2	4.66	<0.5	12	82	31	2.91
M64900		3.80	0.59		<0.5	7.67	9	1690	2.3	<2	5.32	<0.5	10	67	26	2.97
M64901		<0.02	0.48		<0.5	7.63	14	1790	2.2	2	5.54	<0.5	9	61	27	2.96
M64902		4.26	0.11		<0.5	7.72	19	780	2.6	<2	5.49	<0.5	18	80	27	3.74
M64903		3.50	0.05		<0.5	4.64	17	350	3.0	<2	8.01	<0.5	36	693	44	4.43
M64904		3.89	0.09		<0.5	5.50	33	500	1.6	3	7.39	<0.5	55	570	71	6.14
M64905		4.07	0.18		0.7	5.17	71	230	2.2	331	7.84	<0.5	59	461	113	6.83
M64906		3.68	0.11		<0.5	5.67	13	450	2.1	5	8.23	<0.5	35	346	25	4.31
M64907		3.99	0.04		<0.5	4.99	17	840	2.1	<2	8.98	<0.5	55	681	51	5.34
M64908		3.93	0.23		0.6	4.61	22	490	1.4	4	10.25	<0.5	44	757	107	4.77
M64909		4.03	0.07		<0.5	5.54	26	1700	2.0	<2	7.56	<0.5	42	485	45	4.53
M64910		3.61	0.06		<0.5	5.69	25	330	2.6	<2	6.98	<0.5	48	563	43	5.43
M64911		3.21	0.06		<0.5	7.01	10	500	1.5	3	3.65	<0.5	14	77	17	2.37
M64912		3.20	0.12		<0.5	6.20	13	1160	2.0	<2	5.70	<0.5	30	305	77	3.71
M64913		3.53	0.05		<0.5	7.70	19	1770	2.1	<2	3.89	<0.5	17	91	24	2.85
M64914		3.91	0.05		<0.5	6.95	17	1750	1.8	<2	2.80	<0.5	14	89	18	2.56
M64915		3.83	0.07		<0.5	7.25	13	1280	1.8	<2	3.54	<0.5	12	80	21	2.46
M64916		3.80	0.07		<0.5	7.24	15	820	1.8	<2	4.03	<0.5	12	78	25	2.45
M64917		3.75	0.06		<0.5	7.57	13	1730	2.1	<2	3.87	<0.5	13	94	12	2.71
M64918		3.87	1.33		1.2	6.20	24	680	3.5	<2	5.28	<0.5	19	151	36	3.97
M64919		3.22	0.21		<0.5	7.02	19	2850	3.6	<2	4.30	<0.5	14	133	30	3.25
M64920		3.59	0.11		0.5	6.70	9	1610	4.2	<2	6.76	0.6	17	135	32	3.78
M64921		0.11	1.30		0.5	7.89	25	160	3.4	<2	2.46	<0.5	21	68	34	5.81
M64922		3.91	0.07		<0.5	7.05	9	1950	4.8	<2	4.45	<0.5	14	168	41	3.28
M64923		3.97	0.05		<0.5	7.42	12	2430	2.7	<2	5.05	1.3	16	158	50	3.39

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

Date: 2-NOV-2010
Account: NORTEX

Project: 1916

PRELIMINARY CERTIFICATE OF ANALYSIS

TM10154589

PARTIAL DATA REPORT

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
M64887		20	1.82	60	1.96	1025	3	3.72	24	1980	212	1.31	<5	10	771	<10
M64888		20	2.94	60	2.26	1100	1	3.21	26	2110	113	0.41	8	10	860	<10
M64889		20	2.40	40	1.94	1095	<1	3.24	46	1600	117	0.51	<5	8	679	<10
M64890		10	2.13	70	3.71	1485	24	1.16	344	1240	150	1.25	<5	14	767	<10
M64891		10	1.65	70	5.42	1740	71	1.41	461	770	40	1.05	6	16	813	<10
M64892		10	5.09	70	2.67	931	<1	1.40	64	2190	37	0.35	<5	13	718	<10
M64893		10	4.36	110	4.45	1000	14	0.39	240	3740	29	0.50	<5	14	981	<10
M64894		10	2.73	50	2.55	795	148	2.08	86	1260	803	2.41	<5	10	579	<10
M64895		10	3.46	50	1.63	680	61	2.92	25	1220	83	2.04	<5	7	512	<10
M64896		20	3.97	60	1.92	814	10	2.58	36	1420	63	1.61	<5	7	657	<10
M64897		20	4.79	80	1.38	735	4	1.26	30	1490	58	2.30	<5	6	651	<10
M64898		20	5.83	80	1.19	841	51	2.00	44	1580	46	2.34	<5	6	715	<10
M64899		20	3.90	50	1.07	768	44	3.39	53	1310	34	2.11	<5	7	569	<10
M64900		20	3.17	50	1.47	854	8	3.43	52	1500	29	1.97	<5	8	614	<10
M64901		20	3.12	50	1.49	893	8	3.54	53	1490	29	1.94	6	8	627	<10
M64902		20	3.11	120	1.55	747	113	3.41	78	1350	53	3.10	<5	9	603	<10
M64903		10	0.82	30	4.70	1075	16	0.91	525	450	7	1.20	6	17	510	<10
M64904		20	0.56	40	6.23	960	<1	1.05	540	1200	7	1.45	9	21	422	<10
M64905		10	0.60	30	4.19	779	1	1.68	529	760	221	4.75	6	16	529	<10
M64906		10	0.87	40	2.54	637	13	2.38	341	860	10	2.52	6	13	524	<10
M64907		10	1.32	30	5.17	870	1	0.68	617	640	8	1.96	10	17	832	<10
M64908		10	1.32	20	5.40	1220	9	1.06	659	690	5	2.00	11	20	2280	<10
M64909		10	1.36	20	4.75	1105	<1	1.98	484	950	5	1.47	9	16	980	<10
M64910		10	1.73	30	4.55	1095	2	1.39	361	1170	5	2.20	6	22	489	<10
M64911		20	0.76	40	1.62	608	6	4.68	80	890	11	1.26	<5	7	660	<10
M64912		20	1.29	40	2.94	983	2	2.99	244	1060	12	1.69	6	13	794	<10
M64913		30	3.11	40	2.04	692	1	3.86	80	990	14	2.10	<5	8	1160	<10
M64914		20	3.37	40	1.52	465	<1	3.12	73	930	10	1.73	<5	7	1050	<10
M64915		20	3.38	50	1.14	515	1	3.33	59	940	11	1.92	7	7	1140	<10
M64916		20	3.06	40	0.81	520	<1	3.32	59	900	13	2.04	<5	7	1280	<10
M64917		20	3.07	60	1.20	538	15	3.27	68	900	15	1.91	<5	8	738	<10
M64918		20	3.01	80	1.72	802	170	1.80	117	1220	21	3.37	10	9	543	<10
M64919		20	3.29	70	2.23	782	16	2.49	65	1650	25	1.33	<5	9	616	<10
M64920		20	3.00	70	3.00	1205	22	1.89	106	1630	23	1.15	9	9	537	<10
M64921		30	3.35	20	1.92	503	1	3.48	77	1170	87	3.22	<5	5	340	<10
M64922		20	3.58	70	2.09	782	4	1.92	75	1820	29	1.28	5	10	514	<10
M64923		10	3.54	80	1.87	935	8	2.54	74	1690	24	1.52	<5	9	564	<10

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PRELIMINARY CERTIFICATE OF ANALYSIS TM10154589

PARTIAL DATA REPORT

Sample Description	Method	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
M64887		0.26	<10	<10	99	<10	449
M64888		0.28	<10	<10	98	10	249
M64889		0.22	<10	10	86	<10	330
M64890		0.21	<10	<10	117	10	373
M64891		0.19	<10	<10	136	<10	227
M64892		0.26	<10	<10	122	<10	114
M64893		0.33	<10	<10	131	10	127
M64894		0.13	<10	10	129	10	229
M64895		0.14	<10	10	69	10	63
M64896		0.17	<10	<10	79	10	99
M64897		0.16	<10	<10	100	10	84
M64898		0.11	<10	<10	68	10	70
M64899		0.08	<10	<10	78	<10	73
M64900		0.09	<10	<10	71	10	75
M64901		0.08	<10	10	68	<10	74
M64902		0.11	<10	10	73	10	65
M64903		0.12	<10	<10	138	<10	112
M64904		0.16	<10	<10	136	<10	110
M64905		0.11	<10	<10	111	<10	75
M64906		0.10	<10	<10	104	<10	53
M64907		0.12	<10	<10	119	10	103
M64908		0.13	<10	<10	157	10	62
M64909		0.15	<10	<10	113	10	57
M64910		0.22	<10	<10	156	10	91
M64911		0.09	<10	10	59	<10	28
M64912		0.16	<10	<10	107	<10	58
M64913		0.09	<10	<10	69	10	37
M64914		0.10	<10	<10	62	<10	34
M64915		0.10	<10	<10	65	<10	30
M64916		0.09	<10	<10	58	<10	29
M64917		0.11	<10	<10	64	<10	50
M64918		0.11	<10	<10	130	10	78
M64919		0.16	<10	<10	91	<10	135
M64920		0.14	<10	<10	101	<10	191
M64921		0.60	<10	10	75	<10	62
M64922		0.15	<10	<10	105	10	142
M64923		0.12	<10	<10	82	10	214