Certificate of Analysis

Work Order: TO117772

To: **Kara Byrnes**
send invoices covered by PO#33782
Lake Shore Gold Corp.
1515 Government Road South
TIMMINS
ON P4R 1N4

Date: Nov 18, 2011

P.O. No.	:	Project:BURNT BUSH,PO#:33782
Project No.	:	-
No. Of Samples	:	57
Date Submitted	:	Nov 07, 2011
Report Comprises	:	Pages 1 to 13 (Inclusive of Cover Sheet)

Distribution of unused material:
Return to client:

Certified By : _____
Lawrence Ng
Regional Business Manager (GEOCHEM)

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at http://www.scc.ca/en/programs/lab/mineral.shtml

Report Footer:

L.N.R.	= Listed not received	I.S.	= Insufficient Sample
n.a.	= Not applicable	--	= No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
BB-11-3174	7	8	<10	0.2	1300	<1	470	2	10	10
BB-11-3175	2	83	<10	0.2	1120	<1	370	7	282	29
BB-11-3176	10	23	<10	0.3	3930	<1	540	4	55	16
BB-11-3177	3	181	20	0.2	2720	1	180	6	2430	54
BB-11-3178	2	53	<10	0.3	1620	<1	300	2	547	15
BB-11-3179	2	>300	<10	<0.1	3540	<1	<10	4	162	65
BB-11-3180	1	113	<10	0.2	2360	<1	350	2	505	32
BB-11-3181	8	75	<10	0.2	2240	<1	440	3	914	15
BB-11-3182	3	26	<10	0.3	1880	<1	540	1	78	14
BB-11-3183	5	25	<10	0.3	1680	<1	480	2	267	18
BB-11-3184	2	95	<10	0.2	1970	<1	350	2	1020	42
BB-11-3185	2	56	<10	0.3	2190	<1	430	2	1230	26
BB-11-3186	<1	148	<10	0.7	2890	<1	190	3	741	38
BB-11-3187	2	54	<10	0.3	1700	<1	390	2	708	30
BB-11-3188	10	211	10	0.1	2400	<1	60	22	855	102
BB-11-3189	3	114	<10	0.3	2350	<1	400	4	1090	27
BB-11-3190	4	126	<10	0.3	2630	<1	320	4	914	18
BB-11-3191	<1	54	<10	0.4	1610	<1	230	2	422	12
BB-11-3192	8	71	<10	0.3	2250	<1	410	6	610	14
BB-11-3193	3	141	<10	0.2	2030	<1	290	7	619	38
BB-11-3194	2	50	<10	0.4	2220	<1	480	3	492	13
BB-11-3195	2	74	<10	0.3	2270	<1	430	4	744	14
BB-11-3196	9	42	<10	0.3	2960	<1	620	4	550	13
BB-11-3197	4	39	<10	<0.1	3040	<1	680	4	435	14
BB-11-3198	7	43	<10	0.2	1020	<1	370	3	336	7
BB-11-3199	11	16	<10	0.5	2340	<1	570	2	11	44
BB-11-3200	3	89	<10	0.2	1950	<1	330	4	704	21
BB-11-3201	2	57	<10	0.5	2090	<1	400	3	572	16
BB-11-3202	2	199	<10	0.1	3940	<1	150	10	854	51
BB-11-3203	10	87	<10	0.2	2180	<1	470	6	1390	39
BB-11-3204	6	223	<10	0.2	1990	<1	90	16	305	76
BB-11-3205	2	62	<10	0.2	1670	<1	280	2	1050	14
BB-11-3206	2	126	20	0.1	1190	1	130	4	1710	92
BB-11-3207	6	10	<10	0.3	890	<1	300	4	17	10
BB-11-3208	17	18	<10	0.3	3670	<1	470	10	132	56
BB-11-3209	11	31	10	0.3	3130	<1	410	10	217	63
BB-11-3210	10	19	<10	<0.1	1750	<1	530	14	47	124
BB-11-3211	8	18	<10	0.2	1780	<1	550	4	25	41
BB-11-3212	5	14	<10	0.3	1910	<1	440	3	11	125
BB-11-3213	8	40	<10	0.3	1940	<1	500	3	36	51
BB-11-3214	10	15	<10	0.2	1840	<1	580	2	16	124
BB-11-3215	9	19	<10	0.2	1710	<1	520	4	47	28
BB-11-3216	8	14	<10	0.4	1680	<1	440	2	24	102

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Final : TO117772 Order: Project:BURNT BUSH,PO#:33782

Element	Ag	Al	As	Au	Ba	Bi	Ca	Cd	Ce	Co
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	1	10	0.1	10	1	10	1	5	5
Units	ppb	ppm	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
BB-11-3217	15	49	<10	0.2	2350	<1	600	6	113	34
BB-11-3218	17	33	<10	0.3	2250	<1	520	4	88	12
BB-11-3219	8	41	<10	0.3	2540	<1	530	4	154	21
BB-11-3220	10	22	<10	0.2	1780	<1	580	3	29	123
BB-11-3221	7	67	<10	0.2	2940	<1	460	9	570	39
BB-11-3222	10	20	<10	0.3	1770	<1	460	3	16	62
BB-11-3223	11	23	<10	0.4	2290	<1	640	5	23	135
BB-11-3224	8	14	<10	0.3	1590	<1	410	2	<5	13
BB-11-3225	3	16	<10	0.3	1840	<1	380	3	8	66
BB-11-3226	14	57	<10	0.3	2190	<1	650	7	96	46
BB-11-3227	3	13	<10	0.2	1920	<1	390	1	9	45
BB-11-3228	9	64	<10	0.4	2450	<1	510	5	1450	56
BB-11-3229	3	116	<10	0.2	2310	<1	430	9	1090	44
BB-11-3230	6	115	<10	0.3	2310	<1	390	3	1900	21
*Rep BB-11-3182	3	30	<10	0.3	1700	<1	520	1	123	14
*Rep BB-11-3188	11	220	10	0.1	2230	<1	50	22	950	106
*Rep BB-11-3209	12	38	10	0.3	3000	<1	410	12	217	77
*Rep BB-11-3222	11	22	<10	0.3	2140	<1	520	4	18	32
*Rep BB-11-3229	4	115	<10	0.2	2240	<1	430	8	1160	46
*Std MMISRM18	27	26	10	9.5	180	<1	200	90	29	72
*Std AMIS0169	9	61	<10	1.5	940	<1	40	1	825	105
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
BB-11-3174	<100	0.6	420	9	3.9	2.9	4	<1	14	<1
BB-11-3175	100	2.4	230	16	7.5	5.8	30	3	22	<1
BB-11-3176	<100	0.6	920	47	27.8	11.3	10	1	57	4
BB-11-3177	200	0.9	660	195	104	66.2	141	14	254	<1
BB-11-3178	<100	0.9	990	111	56.5	39.6	12	2	167	3
BB-11-3179	<100	4.6	230	14	7.4	3.4	45	11	12	<1
BB-11-3180	100	2.1	890	83	46.6	24.5	30	4	103	4
BB-11-3181	<100	0.9	1230	262	157	68.8	15	3	321	1
BB-11-3182	<100	<0.5	1850	72	45.1	16.9	10	1	85	8
BB-11-3183	<100	0.7	1870	89	54.1	23.2	10	1	113	5
BB-11-3184	100	1.4	1100	205	120	59.1	20	4	261	2
BB-11-3185	100	1.0	1560	208	121	59.9	17	3	269	7
BB-11-3186	100	2.6	660	120	64.2	36.4	59	7	146	1
BB-11-3187	<100	1.0	1200	166	103	44.7	19	2	204	4
BB-11-3188	<100	2.6	590	306	167	49.8	163	9	232	<1
BB-11-3189	100	1.2	1160	208	120	62.1	33	5	264	4
BB-11-3190	200	1.2	1100	220	125	68.8	55	5	283	1
BB-11-3191	<100	2.0	630	106	49.8	37.2	11	2	157	2
BB-11-3192	<100	0.9	1150	164	96.6	45.9	14	2	203	2
BB-11-3193	100	1.2	800	153	88.0	42.0	53	5	182	<1
BB-11-3194	<100	<0.5	1360	227	138	57.9	13	2	281	3
BB-11-3195	<100	0.6	1200	277	166	77.0	14	2	346	5
BB-11-3196	<100	<0.5	1170	316	185	79.4	14	2	392	5
BB-11-3197	<100	<0.5	1400	213	131	49.0	10	2	255	5
BB-11-3198	<100	1.3	420	34	14.8	12.8	19	2	54	<1
BB-11-3199	<100	<0.5	660	18	10.7	3.8	5	<1	21	2
BB-11-3200	100	1.0	1030	158	88.6	50.0	22	2	210	2
BB-11-3201	100	0.8	1260	158	92.7	45.6	16	2	202	4
BB-11-3202	<100	1.5	850	216	113	47.8	68	7	208	<1
BB-11-3203	100	<0.5	1180	294	169	86.0	28	3	391	1
BB-11-3204	<100	1.4	710	171	93.9	22.6	96	8	112	<1
BB-11-3205	<100	0.8	780	233	132	72.2	24	3	306	<1
BB-11-3206	200	1.1	440	83	38.0	31.1	115	13	115	<1
BB-11-3207	<100	0.9	550	8	3.8	3.5	5	<1	14	<1
BB-11-3208	<100	0.7	8890	23	15.0	5.1	27	1	27	<1
BB-11-3209	<100	1.0	7080	22	13.4	5.7	43	2	28	<1
BB-11-3210	<100	<0.5	1620	9	7.0	1.6	5	<1	9	<1
BB-11-3211	<100	<0.5	850	18	11.8	3.6	5	<1	21	2
BB-11-3212	<100	<0.5	570	11	7.1	2.4	3	<1	13	3
BB-11-3213	<100	<0.5	660	13	8.3	3.2	11	<1	16	2
BB-11-3214	<100	<0.5	670	16	10.9	2.9	3	<1	18	5
BB-11-3215	<100	<0.5	810	31	17.0	8.3	8	<1	41	2
BB-11-3216	<100	<0.5	480	11	7.0	2.3	4	<1	13	2

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Element	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Hg
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	100	0.5	10	1	0.5	0.5	1	1	1	1
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb
BB-11-3217	<100	<0.5	830	35	21.6	9.1	15	<1	44	1
BB-11-3218	<100	<0.5	670	59	34.8	14.7	15	<1	71	1
BB-11-3219	<100	<0.5	660	50	27.6	14.8	12	1	67	3
BB-11-3220	<100	<0.5	570	17	10.7	3.3	4	<1	18	1
BB-11-3221	100	0.5	660	96	52.2	29.3	23	3	126	<1
BB-11-3222	<100	<0.5	590	15	8.9	3.4	6	<1	18	2
BB-11-3223	<100	<0.5	860	19	13.0	3.8	5	<1	21	5
BB-11-3224	<100	<0.5	460	10	6.3	2.5	5	<1	13	2
BB-11-3225	<100	<0.5	650	8	4.8	1.7	5	<1	9	<1
BB-11-3226	<100	<0.5	1070	24	16.1	5.6	13	<1	28	<1
BB-11-3227	<100	0.6	430	9	5.6	2.0	3	<1	12	3
BB-11-3228	100	0.7	940	273	159	76.9	19	3	347	1
BB-11-3229	<100	0.7	900	183	105	51.6	35	3	226	2
BB-11-3230	200	1.3	850	272	161	77.5	51	4	332	2
*Rep BB-11-3182	<100	<0.5	1820	74	45.2	17.8	11	1	87	8
*Rep BB-11-3188	<100	2.8	520	312	168	53.8	170	10	249	<1
*Rep BB-11-3209	<100	1.3	7320	21	13.4	5.6	41	3	27	<1
*Rep BB-11-3222	<100	<0.5	640	18	10.4	4.7	7	<1	23	2
*Rep BB-11-3229	<100	0.6	890	191	109	54.7	38	3	235	2
*Std MMISRM18	<100	6.6	830	4	1.7	1.4	4	<1	7	6
*Std AMIS0169	<100	8.1	3800	29	12.6	11.5	43	11	45	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1

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Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
BB-11-3174	<0.5	7.1	20	7	122	480	<5	<0.5	40	130
BB-11-3175	<0.5	16.6	69	<5	84	3540	<5	2.3	107	218
BB-11-3176	<0.5	15.7	169	19	146	460	<5	<0.5	193	221
BB-11-3177	<0.5	9.4	1100	11	51	2390	<5	18.5	1450	113
BB-11-3178	<0.5	10.1	519	9	100	550	<5	0.6	759	30
BB-11-3179	<0.5	19.7	51	11	4	350	<5	4.6	56	102
BB-11-3180	<0.5	20.8	292	7	112	370	<5	1.7	438	70
BB-11-3181	<0.5	12.6	951	59	158	970	<5	0.5	1360	120
BB-11-3182	<0.5	17.8	145	38	206	380	<5	<0.5	260	69
BB-11-3183	<0.5	16.4	239	29	173	400	<5	<0.5	404	68
BB-11-3184	<0.5	12.6	910	24	126	1990	<5	1.3	1210	88
BB-11-3185	<0.5	15.2	853	23	163	790	<5	0.5	1200	83
BB-11-3186	<0.5	17.7	422	<5	59	1250	<5	5.6	688	49
BB-11-3187	<0.5	13.7	671	31	158	1180	<5	0.8	923	89
BB-11-3188	<0.5	12.0	254	<5	24	780	<5	3.9	747	731
BB-11-3189	<0.5	25.7	880	7	137	540	<5	0.7	1300	82
BB-11-3190	<0.5	15.1	1040	43	109	1120	<5	2.9	1450	115
BB-11-3191	<0.5	18.6	364	<5	73	160	<5	<0.5	649	19
BB-11-3192	<0.5	14.8	403	12	142	380	<5	<0.5	760	56
BB-11-3193	<0.5	20.2	520	14	102	1270	<5	1.1	828	100
BB-11-3194	<0.5	10.3	698	49	186	690	<5	<0.5	1080	116
BB-11-3195	<0.5	9.8	1060	24	164	1240	<5	<0.5	1490	85
BB-11-3196	<0.5	14.4	1090	53	192	640	<5	<0.5	1550	247
BB-11-3197	<0.5	20.0	587	38	160	560	<5	<0.5	933	149
BB-11-3198	<0.5	13.2	150	<5	103	90	<5	<0.5	242	70
BB-11-3199	<0.5	13.1	13	12	145	2610	<5	<0.5	40	132
BB-11-3200	<0.5	9.4	542	19	127	590	<5	<0.5	946	68
BB-11-3201	<0.5	10.4	428	26	161	480	<5	<0.5	797	74
BB-11-3202	<0.5	15.9	453	8	81	1870	<5	<0.5	983	133
BB-11-3203	<0.5	10.1	1670	28	180	1650	<5	<0.5	2030	147
BB-11-3204	<0.5	19.3	114	7	39	2930	<5	1.9	326	297
BB-11-3205	<0.5	10.6	1250	34	110	980	<5	0.8	1570	87
BB-11-3206	<0.5	16.4	679	<5	25	5580	<5	16.0	807	179
BB-11-3207	<0.5	9.6	27	<5	110	1260	<5	<0.5	57	50
BB-11-3208	<0.5	31.1	42	29	76	3600	21	0.8	90	91
BB-11-3209	<0.5	32.2	75	29	60	7410	92	1.5	130	233
BB-11-3210	<0.5	25.5	5	77	139	14600	15	<0.5	17	119
BB-11-3211	<0.5	21.6	12	74	123	1350	<5	<0.5	38	98
BB-11-3212	<0.5	12.7	5	13	130	4560	<5	<0.5	21	117
BB-11-3213	<0.5	17.3	20	14	140	2600	<5	<0.5	46	145
BB-11-3214	<0.5	14.3	5	52	183	3450	<5	<0.5	24	127
BB-11-3215	<0.5	13.4	80	<5	127	830	<5	<0.5	135	149
BB-11-3216	<0.5	10.4	4	19	135	5450	<5	<0.5	19	137

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Element	In	K	La	Li	Mg	Mn	Mo	Nb	Nd	Ni
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.5	0.1	1	5	1	10	5	0.5	1	5
Units	ppb	ppm	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb
BB-11-3217	<0.5	13.0	111	13	134	1990	<5	<0.5	172	182
BB-11-3218	<0.5	10.4	143	25	149	580	<5	<0.5	241	253
BB-11-3219	<0.5	17.7	208	5	152	900	<5	<0.5	282	81
BB-11-3220	<0.5	12.4	10	15	142	4090	<5	<0.5	31	132
BB-11-3221	<0.5	27.9	462	13	114	3070	<5	0.7	599	243
BB-11-3222	<0.5	19.2	11	11	135	3310	<5	<0.5	35	117
BB-11-3223	<0.5	20.6	15	23	160	4810	<5	<0.5	43	199
BB-11-3224	<0.5	16.8	5	21	119	800	<5	<0.5	21	64
BB-11-3225	<0.5	21.5	2	45	89	3320	<5	<0.5	14	97
BB-11-3226	<0.5	22.8	60	33	120	770	<5	<0.5	96	134
BB-11-3227	<0.5	10.0	3	38	109	2410	<5	<0.5	17	59
BB-11-3228	<0.5	7.8	1290	31	152	3110	<5	<0.5	1580	139
BB-11-3229	<0.5	8.5	735	20	124	930	<5	<0.5	1090	103
BB-11-3230	<0.5	9.3	1400	20	121	1020	<5	1.3	1680	117
*Rep BB-11-3182	<0.5	16.4	149	31	197	350	<5	<0.5	273	65
*Rep BB-11-3188	<0.5	12.0	272	5	21	790	<5	5.1	834	720
*Rep BB-11-3209	<0.5	33.4	79	34	58	9030	80	2.1	127	261
*Rep BB-11-3222	<0.5	21.1	31	10	133	1380	<5	<0.5	66	103
*Rep BB-11-3229	<0.5	8.1	786	20	126	970	<5	<0.5	1160	99
*Std MMISRM18	<0.5	28.2	7	<5	94	640	32	<0.5	20	522
*Std AMIS0169	<0.5	42.1	457	<5	33	4130	<5	2.4	388	417
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5
*Blk BLANK	<0.5	0.1	<1	<5	<1	10	<5	<0.5	<1	<5

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Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
BB-11-3174	<0.1	10	<1	8	<1	61	<1	6	12	<1
BB-11-3175	0.5	110	<1	24	<1	187	<1	16	25	<1
BB-11-3176	<0.1	60	<1	41	<1	96	<1	18	43	<1
BB-11-3177	2.0	270	<1	339	<1	115	<1	165	286	<1
BB-11-3178	0.2	60	<1	161	<1	117	<1	50	162	<1
BB-11-3179	0.9	200	<1	15	<1	409	<1	26	12	<1
BB-11-3180	0.2	280	<1	93	<1	233	<1	69	99	<1
BB-11-3181	0.2	130	<1	295	<1	74	<1	67	290	<1
BB-11-3182	0.1	50	<1	51	<1	93	<1	36	65	<1
BB-11-3183	0.1	40	<1	80	<1	91	<1	32	92	<1
BB-11-3184	0.2	130	<1	271	<1	113	<1	90	252	<1
BB-11-3185	0.2	100	<1	258	<1	117	<1	52	252	<1
BB-11-3186	0.6	340	<1	148	<1	257	<1	132	154	<1
BB-11-3187	0.2	90	<1	199	<1	116	<1	54	191	<1
BB-11-3188	1.2	540	<1	144	<1	203	<1	155	189	<1
BB-11-3189	0.2	200	<1	279	<1	166	<1	146	270	<1
BB-11-3190	0.5	180	<1	326	<1	130	<1	172	299	<1
BB-11-3191	0.3	80	<1	129	<1	237	<1	38	150	<1
BB-11-3192	0.1	140	<1	152	<1	129	<1	62	185	<1
BB-11-3193	0.3	410	<1	175	<1	193	<1	152	182	<1
BB-11-3194	0.1	140	<1	224	<1	88	<1	51	240	<1
BB-11-3195	0.2	180	<1	320	<1	94	<1	73	317	<1
BB-11-3196	0.2	200	<1	338	<1	79	<1	43	328	<1
BB-11-3197	0.1	130	<1	192	<1	72	<1	30	205	<1
BB-11-3198	<0.1	50	<1	52	<1	142	<1	13	54	<1
BB-11-3199	0.1	50	<1	7	<1	58	<1	10	14	<1
BB-11-3200	0.2	190	<1	197	<1	165	<1	97	213	<1
BB-11-3201	0.1	130	<1	159	<1	146	<1	53	186	<1
BB-11-3202	0.2	690	<1	201	<1	234	<1	165	202	<1
BB-11-3203	0.2	220	<1	472	<1	91	<1	85	384	<1
BB-11-3204	0.9	510	<1	63	<1	282	<1	126	87	<1
BB-11-3205	0.4	140	<1	361	<1	86	<1	68	308	<1
BB-11-3206	3.7	240	<1	203	<1	121	<1	88	145	<1
BB-11-3207	0.3	<10	<1	11	<1	56	<1	11	14	1
BB-11-3208	<0.1	750	<1	18	<1	77	1	11	21	<1
BB-11-3209	0.2	910	<1	28	<1	76	2	14	26	<1
BB-11-3210	<0.1	40	<1	4	<1	12	<1	7	6	<1
BB-11-3211	<0.1	100	<1	7	<1	18	<1	8	13	<1
BB-11-3212	<0.1	90	<1	4	<1	29	<1	6	8	<1
BB-11-3213	<0.1	80	<1	10	<1	32	<1	8	12	<1
BB-11-3214	<0.1	110	<1	4	<1	53	<1	7	10	<1
BB-11-3215	<0.1	50	<1	27	<1	25	<1	14	33	<1
BB-11-3216	<0.1	100	<1	4	<1	38	<1	6	8	<1

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Element	P	Pb	Pd	Pr	Pt	Rb	Sb	Sc	Sm	Sn
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	0.1	10	1	1	1	5	1	5	1	1
Units	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
BB-11-3217	0.1	100	<1	38	<1	46	<1	16	38	<1
BB-11-3218	<0.1	140	<1	49	<1	57	<1	25	60	<1
BB-11-3219	0.1	80	<1	62	<1	55	<1	23	61	<1
BB-11-3220	<0.1	110	<1	6	<1	47	<1	9	12	<1
BB-11-3221	0.3	350	<1	137	<1	64	<1	32	125	<1
BB-11-3222	<0.1	70	<1	7	<1	28	<1	9	12	<1
BB-11-3223	<0.1	90	<1	8	<1	20	<1	8	14	<1
BB-11-3224	<0.1	50	<1	4	<1	21	<1	7	8	<1
BB-11-3225	<0.1	80	<1	3	<1	49	<1	7	6	<1
BB-11-3226	<0.1	80	<1	21	<1	34	<1	13	23	<1
BB-11-3227	<0.1	90	<1	3	<1	72	<1	6	8	<1
BB-11-3228	0.2	280	<1	363	<1	85	<1	58	321	<1
BB-11-3229	0.1	340	<1	238	<1	148	<1	134	232	<1
BB-11-3230	0.3	260	<1	394	<1	116	<1	153	334	<1
*Rep BB-11-3182	0.1	60	<1	53	<1	83	<1	36	68	<1
*Rep BB-11-3188	1.7	550	<1	162	<1	207	<1	152	209	<1
*Rep BB-11-3209	0.2	840	<1	28	<1	83	2	17	25	<1
*Rep BB-11-3222	<0.1	50	<1	13	<1	40	<1	11	18	<1
*Rep BB-11-3229	0.1	340	<1	252	<1	144	<1	136	246	<1
*Std MMISRM18	0.6	320	16	5	7	163	<1	9	6	<1
*Std AMIS0169	2.3	110	<1	104	<1	239	1	59	62	<1
*Blk BLANK	<0.1	<10	<1	1	<1	<5	<1	<5	<1	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
BB-11-3174	1590	<1	2	<10	2.9	<3	<0.5	8	<1	41
BB-11-3175	1020	<1	3	<10	39.3	171	0.6	9	<1	71
BB-11-3176	1720	<1	8	<10	28.7	51	<0.5	8	<1	259
BB-11-3177	570	<1	35	<10	141	2230	0.8	28	2	1040
BB-11-3178	1530	<1	20	<10	56.1	65	0.8	15	<1	509
BB-11-3179	110	<1	2	<10	28.3	748	1.2	4	<1	63
BB-11-3180	1580	<1	14	<10	48.6	197	0.9	19	<1	387
BB-11-3181	1770	<1	44	<10	34.3	93	0.6	20	<1	1500
BB-11-3182	2510	<1	12	<10	47.0	54	<0.5	20	<1	329
BB-11-3183	2520	<1	15	<10	47.0	64	<0.5	19	<1	384
BB-11-3184	1460	<1	35	<10	59.0	199	0.8	21	<1	1090
BB-11-3185	2380	<1	35	<10	60.5	97	0.7	22	<1	1010
BB-11-3186	940	<1	21	<10	98.1	978	1.3	18	<1	601
BB-11-3187	2060	<1	27	<10	57.2	133	0.6	18	<1	842
BB-11-3188	360	<1	46	<10	93.7	568	0.8	20	1	1570
BB-11-3189	1740	<1	35	<10	49.5	191	0.8	28	<1	1050
BB-11-3190	1630	<1	38	<10	63.4	331	0.6	22	<1	1120
BB-11-3191	1960	<1	20	<10	31.6	13	0.9	13	<1	463
BB-11-3192	2080	<1	27	<10	34.7	86	0.6	25	<1	733
BB-11-3193	1450	<1	25	<10	60.8	233	0.7	24	<1	777
BB-11-3194	2540	<1	38	<10	40.9	41	<0.5	25	<1	1210
BB-11-3195	2190	<1	47	<10	40.2	54	0.7	25	<1	1490
BB-11-3196	2360	<1	53	<10	62.7	28	<0.5	23	<1	1820
BB-11-3197	2810	<1	35	<10	52.9	18	<0.5	23	<1	1110
BB-11-3198	810	<1	7	<10	25.8	9	<0.5	9	<1	157
BB-11-3199	1770	<1	3	<10	9.7	13	<0.5	4	<1	89
BB-11-3200	1500	<1	27	<10	47.5	74	0.8	28	<1	696
BB-11-3201	1950	<1	27	<10	39.6	58	0.7	25	<1	683
BB-11-3202	1530	<1	35	<10	70.5	118	0.9	17	<1	1120
BB-11-3203	1870	<1	51	<10	63.7	40	0.6	30	<1	1710
BB-11-3204	540	<1	24	<10	111	405	0.6	26	<1	838
BB-11-3205	2180	<1	40	<10	77.3	141	0.7	20	<1	1320
BB-11-3206	410	<1	15	<10	159	3580	<0.5	18	1	370
BB-11-3207	350	<1	2	<10	6.5	89	0.8	1	<1	48
BB-11-3208	2790	<1	4	<10	39.1	147	<0.5	20	<1	122
BB-11-3209	2260	<1	4	<10	59.1	220	<0.5	90	1	123
BB-11-3210	4360	<1	1	<10	9.4	16	<0.5	82	<1	50
BB-11-3211	2490	<1	3	<10	10.9	10	<0.5	32	<1	98
BB-11-3212	1460	<1	2	<10	4.2	21	<0.5	4	<1	57
BB-11-3213	2060	<1	2	<10	18.8	26	<0.5	29	<1	66
BB-11-3214	2660	<1	2	<10	4.7	<3	<0.5	8	<1	87
BB-11-3215	1710	<1	5	<10	26.2	21	<0.5	12	<1	139
BB-11-3216	1500	<1	2	<10	5.9	5	0.5	2	<1	63

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Element	Sr	Ta	Tb	Te	Th	Ti	Tl	U	W	Y
Method	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	10	1	1	10	0.5	3	0.5	1	1	5
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
BB-11-3217	1670	<1	6	<10	38.9	22	<0.5	11	<1	172
BB-11-3218	2260	<1	10	<10	38.0	19	<0.5	27	<1	298
BB-11-3219	1510	<1	9	<10	60.8	49	<0.5	7	<1	233
BB-11-3220	1880	<1	3	<10	11.8	16	<0.5	6	<1	88
BB-11-3221	1190	<1	17	<10	60.7	171	<0.5	21	<1	462
BB-11-3222	1300	<1	2	<10	10.8	28	<0.5	3	<1	75
BB-11-3223	2080	<1	3	<10	9.9	23	<0.5	11	<1	98
BB-11-3224	1300	<1	2	<10	5.4	11	<0.5	6	<1	55
BB-11-3225	1210	<1	1	<10	7.4	24	<0.5	7	<1	41
BB-11-3226	2410	<1	4	<10	20.1	36	<0.5	95	<1	128
BB-11-3227	1220	<1	2	<10	4.2	9	0.6	3	<1	48
BB-11-3228	1520	<1	47	<10	70.1	100	0.6	23	<1	1490
BB-11-3229	1900	<1	31	<10	63.3	129	1.3	34	<1	890
BB-11-3230	1300	<1	46	<10	88.1	199	0.9	33	<1	1460
*Rep BB-11-3182	2400	<1	12	<10	49.0	35	<0.5	20	<1	327
*Rep BB-11-3188	310	<1	47	<10	101	773	0.9	18	1	1560
*Rep BB-11-3209	2170	<1	3	<10	62.5	348	<0.5	79	1	120
*Rep BB-11-3222	1430	<1	3	<10	14.5	60	<0.5	4	<1	82
*Rep BB-11-3229	1930	<1	33	<10	65.8	80	1.5	34	<1	916
*Std MMISRM18	1380	<1	<1	<10	21.0	16	<0.5	24	<1	23
*Std AMIS0169	90	<1	6	<10	74.0	377	1.5	24	1	121
*Blk BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5
*Blk BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5

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Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
BB-11-3174	3	90	6
BB-11-3175	5	330	60
BB-11-3176	22	470	14
BB-11-3177	87	650	199
BB-11-3178	41	160	39
BB-11-3179	6	280	54
BB-11-3180	38	180	70
BB-11-3181	128	380	36
BB-11-3182	35	350	22
BB-11-3183	43	170	23
BB-11-3184	99	330	60
BB-11-3185	100	360	42
BB-11-3186	52	440	121
BB-11-3187	85	220	45
BB-11-3188	130	710	98
BB-11-3189	102	400	65
BB-11-3190	106	780	92
BB-11-3191	33	180	20
BB-11-3192	80	600	28
BB-11-3193	76	320	78
BB-11-3194	117	350	32
BB-11-3195	139	190	42
BB-11-3196	147	370	33
BB-11-3197	106	490	26
BB-11-3198	9	50	13
BB-11-3199	9	50	10
BB-11-3200	77	240	55
BB-11-3201	79	260	36
BB-11-3202	89	490	57
BB-11-3203	140	210	75
BB-11-3204	73	680	83
BB-11-3205	104	210	57
BB-11-3206	30	230	218
BB-11-3207	3	<20	17
BB-11-3208	13	70	33
BB-11-3209	12	70	66
BB-11-3210	6	200	9
BB-11-3211	10	130	12
BB-11-3212	6	90	6
BB-11-3213	7	40	16
BB-11-3214	10	70	5
BB-11-3215	13	180	18
BB-11-3216	6	200	6

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Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
BB-11-3217	18	230	24
BB-11-3218	29	350	23
BB-11-3219	22	210	39
BB-11-3220	9	210	8
BB-11-3221	45	550	59
BB-11-3222	7	150	14
BB-11-3223	11	350	10
BB-11-3224	5	50	11
BB-11-3225	4	250	9
BB-11-3226	14	250	20
BB-11-3227	5	160	6
BB-11-3228	131	240	52
BB-11-3229	91	280	66
BB-11-3230	135	190	90
*Rep BB-11-3182	37	400	23
*Rep BB-11-3188	130	670	109
*Rep BB-11-3209	12	80	71
*Rep BB-11-3222	8	180	16
*Rep BB-11-3229	95	200	68
*Std MMISRM18	1	660	25
*Std AMIS0169	10	210	50
*Blk BLANK	<1	<20	<5
*Blk BLANK	<1	<20	<5

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