Certificate of Analysis

Work Order: TO118405

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

Date: Dec 17, 2011

P.O. No.	:	Project:BURNT BUSH,PO#:33782
Project No.	:	-
No. Of Samples	:	75
Date Submitted	:	Nov 13, 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-11-4079	3	114	<10	0.1	1980	<1	130	3	64	336
BB-11-4080	2	7	<10	0.2	2740	<1	400	2	53	22
BB-11-4081	8	52	<10	0.2	1820	<1	650	14	283	76
BB-11-4082	5	22	<10	0.2	1640	<1	520	5	151	52
BB-11-4083	9	25	<10	0.2	3700	<1	600	8	487	63
BB-11-4084	4	11	<10	0.3	2740	<1	480	4	92	40
BB-11-4085	11	17	<10	0.3	3400	<1	570	6	204	81
BB-11-4086	10	14	<10	0.2	6230	<1	440	7	311	57
BB-11-4087	6	8	<10	0.3	2860	<1	530	3	96	52
BB-11-4088	9	15	<10	0.5	4530	<1	490	14	737	80
BB-11-4089	7	15	<10	0.2	3360	<1	530	5	541	144
BB-11-4090	12	11	<10	0.3	5860	<1	480	4	338	39
BB-11-4091	9	12	<10	0.5	6200	<1	510	6	261	49
BB-11-4092	13	16	<10	0.2	6220	<1	570	5	155	47
BB-11-4093	11	13	10	0.2	6920	<1	480	9	280	132
BB-11-4094	9	12	10	0.2	5870	<1	410	5	192	60
BB-11-4095	12	13	10	0.1	7110	<1	530	7	126	65
BB-11-4096	8	9	20	0.1	5590	<1	360	4	88	36
BB-11-4097	17	14	<10	0.3	7120	<1	540	7	553	38
BB-11-4098	12	16	10	0.3	7130	<1	590	10	313	70
BB-11-4099	15	14	<10	0.2	7600	<1	520	12	245	37
BB-11-4100	4	66	<10	0.2	1790	<1	330	8	500	237
BB-11-4101	6	29	<10	0.3	3700	<1	530	12	993	207
BB-11-4102	3	25	<10	0.2	2270	<1	580	7	94	106
BB-11-4103	13	11	<10	0.2	5200	<1	640	7	92	58
BB-11-4104	11	13	20	0.2	5180	<1	380	4	209	43
BB-11-4105	13	9	<10	0.2	6810	<1	600	6	81	46
BB-11-4106	17	17	10	0.3	6090	<1	490	10	98	50
BB-11-4107	17	14	<10	0.2	6280	<1	670	6	107	46
BB-11-4108	14	15	<10	0.3	6400	<1	520	9	170	48
BB-11-4109	9	46	<10	0.3	3220	<1	490	12	372	36
BB-11-4110	9	130	<10	0.1	1930	<1	430	16	135	24
BB-11-4111	4	17	<10	0.2	2930	<1	460	4	88	31
BB-11-4112	7	62	<10	0.2	1580	<1	380	11	301	96
BB-11-4113	11	105	<10	<0.1	1810	<1	470	31	1500	55
BB-11-4114	3	16	<10	0.2	2420	<1	580	4	27	143
BB-11-4115	8	56	<10	0.2	1670	<1	550	12	83	43
BB-11-4116	8	51	<10	0.1	3330	<1	430	10	979	110
BB-11-4117	11	26	<10	0.2	2860	<1	490	9	783	130
BB-11-4118	4	12	<10	0.3	2390	<1	460	3	54	74
BB-11-4119	8	15	<10	0.2	1890	<1	540	4	51	41
BB-11-4120	9	30	<10	<0.1	2420	<1	520	6	67	110
BB-11-4121	13	59	<10	0.2	3660	<1	670	29	344	140

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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-11-4122	8	30	<10	0.2	2220	<1	550	8	372	57
BB-11-4123	12	48	<10	0.2	3040	<1	650	8	177	32
BB-11-4124	6	52	<10	0.2	3640	<1	530	6	337	21
BB-11-4125	10	70	<10	0.2	2790	<1	550	13	473	93
BB-11-4126	11	47	<10	<0.1	1760	<1	530	18	511	165
BB-11-4127	11	37	<10	0.3	2470	<1	600	8	134	95
BB-11-4128	8	37	<10	0.2	4060	<1	540	11	522	57
BB-11-4129	8	17	<10	0.1	2410	<1	570	5	76	196
BB-11-4130	12	22	<10	<0.1	3830	<1	590	17	190	113
BB-11-4131	14	29	<10	0.3	5380	<1	660	18	256	83
BB-11-4132	7	15	<10	0.1	2200	<1	470	5	66	53
BB-11-4133	10	22	<10	0.2	6000	<1	640	10	298	82
BB-11-4134	11	21	<10	0.3	5630	<1	460	4	119	42
BB-11-4135	8	16	<10	0.4	5000	<1	410	6	218	50
BB-11-4136	11	19	10	0.2	6700	<1	570	9	195	46
BB-11-4137	11	18	10	0.3	6770	<1	600	6	185	97
BB-11-4138	9	15	<10	0.2	5290	<1	380	4	113	36
BB-11-4139	8	17	20	0.2	6110	<1	500	12	446	140
BB-11-4140	9	9	<10	0.2	3090	<1	360	6	168	107
BB-11-4141	11	20	<10	0.2	4580	<1	380	4	77	56
BB-11-4142	14	17	<10	0.1	8310	<1	540	8	114	54
BB-11-4143	13	24	10	0.2	5650	<1	460	7	195	76
BB-11-4144	12	22	10	0.3	6230	<1	480	10	261	84
BB-11-4145	13	45	<10	0.1	2560	<1	530	10	625	62
BB-11-4146	10	13	20	0.2	6670	<1	460	6	99	40
BB-11-4147	13	22	10	0.2	6450	<1	590	8	215	73
BB-11-4148	17	17	<10	0.2	7770	<1	590	9	116	36
BB-11-4149	15	19	<10	0.2	6660	<1	520	7	178	38
BB-11-4150	17	17	<10	0.2	7740	<1	680	7	112	73
BB-11-4151	14	19	<10	0.2	6570	<1	580	7	151	55
BB-11-4152	11	19	10	0.2	7310	<1	560	8	136	57
BB-11-4153	14	30	<10	0.2	6290	<1	570	15	689	83
*Rep BB-11-4088	12	25	<10	0.2	4530	<1	550	11	898	106
*Rep BB-11-4104	12	12	20	0.1	5380	<1	380	4	189	42
*Rep BB-11-4106	16	16	10	0.2	6560	<1	500	10	108	55
*Rep BB-11-4119	9	16	<10	0.4	1910	<1	570	5	70	57
*Rep BB-11-4140	13	14	<10	0.3	3730	<1	390	8	194	108
*Rep BB-11-4145	13	51	<10	0.2	3170	<1	510	8	665	59
*Std MMISRM18	27	22	10	8.9	180	<1	240	96	33	64
*Std AMIS0169	11	60	<10	0.6	1710	<1	40	2	789	106
*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
*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-11-4079	<100	2.0	820	4	3.1	0.9	396	2	3	<1
BB-11-4080	<100	<0.5	370	7	3.8	2.4	6	<1	11	<1
BB-11-4081	<100	<0.5	780	28	18.0	6.2	12	1	32	<1
BB-11-4082	<100	<0.5	520	26	15.3	6.5	7	1	35	<1
BB-11-4083	<100	<0.5	990	51	28.8	15.2	18	2	70	<1
BB-11-4084	<100	<0.5	430	12	6.4	3.3	5	<1	16	<1
BB-11-4085	<100	<0.5	740	18	9.6	5.6	8	1	27	<1
BB-11-4086	<100	1.4	4500	22	13.1	6.9	39	2	32	<1
BB-11-4087	<100	<0.5	650	12	6.1	3.4	7	<1	17	<1
BB-11-4088	<100	<0.5	2020	32	17.3	11.0	37	2	47	<1
BB-11-4089	<100	<0.5	1430	21	12.6	7.6	67	2	31	<1
BB-11-4090	<100	<0.5	3470	28	14.7	8.5	27	2	39	<1
BB-11-4091	<100	0.8	4440	22	12.0	7.3	23	2	32	<1
BB-11-4092	<100	<0.5	5220	22	13.6	5.5	26	<1	28	<1
BB-11-4093	<100	0.7	5310	24	14.3	7.4	30	2	35	<1
BB-11-4094	<100	1.4	4310	20	11.6	5.9	36	2	28	<1
BB-11-4095	<100	0.8	6030	16	10.9	4.5	31	1	22	<1
BB-11-4096	<100	0.8	3580	14	8.4	3.6	29	1	17	<1
BB-11-4097	<100	<0.5	7680	43	25.8	12.8	31	2	59	<1
BB-11-4098	<100	0.7	6700	26	15.6	7.9	30	1	35	<1
BB-11-4099	<100	<0.5	7630	27	17.2	6.9	23	1	34	<1
BB-11-4100	<100	0.9	3080	26	17.6	7.6	270	2	30	<1
BB-11-4101	<100	0.7	2050	31	17.6	11.3	47	3	47	<1
BB-11-4102	<100	<0.5	850	17	11.0	3.6	8	<1	20	<1
BB-11-4103	<100	<0.5	4610	17	11.2	3.8	13	<1	20	<1
BB-11-4104	<100	1.2	4120	19	11.1	5.6	40	2	26	<1
BB-11-4105	<100	<0.5	5550	17	11.5	3.8	24	<1	19	<1
BB-11-4106	<100	0.8	6960	18	12.6	3.9	38	2	20	<1
BB-11-4107	<100	<0.5	7280	24	15.1	5.2	23	1	26	<1
BB-11-4108	<100	1.1	6230	23	14.5	6.1	37	1	29	<1
BB-11-4109	<100	0.6	1020	34	17.6	10.1	20	2	44	<1
BB-11-4110	<100	0.7	610	45	29.2	9.2	66	3	43	<1
BB-11-4111	<100	0.8	320	12	6.2	4.8	13	1	20	<1
BB-11-4112	<100	1.6	1680	23	15.9	6.4	228	3	26	<1
BB-11-4113	<100	1.1	500	51	35.4	12.7	32	3	58	<1
BB-11-4114	<100	<0.5	510	15	9.2	3.5	6	<1	20	1
BB-11-4115	<100	<0.5	730	16	9.5	4.2	15	1	20	<1
BB-11-4116	100	1.4	1810	39	23.7	13.6	104	5	54	<1
BB-11-4117	<100	<0.5	2630	43	25.7	13.4	95	4	58	<1
BB-11-4118	<100	<0.5	550	9	5.6	1.7	5	<1	10	<1
BB-11-4119	<100	<0.5	490	14	8.3	3.2	5	<1	18	<1
BB-11-4120	<100	<0.5	680	14	8.4	3.1	7	<1	17	<1
BB-11-4121	<100	<0.5	1060	30	20.3	7.6	30	2	35	<1

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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-11-4122	<100	<0.5	500	30	14.5	10.2	25	2	43	<1
BB-11-4123	<100	0.5	1000	33	19.7	9.1	23	2	41	<1
BB-11-4124	<100	0.6	560	56	30.5	16.9	28	3	75	<1
BB-11-4125	<100	1.0	980	49	27.9	13.6	36	3	61	<1
BB-11-4126	<100	0.8	840	36	21.8	10.6	40	3	46	<1
BB-11-4127	<100	<0.5	910	21	12.7	5.5	14	1	27	<1
BB-11-4128	<100	0.5	870	57	29.2	17.7	23	3	80	<1
BB-11-4129	<100	<0.5	1150	10	6.4	2.4	12	1	12	<1
BB-11-4130	<100	<0.5	1830	22	11.7	6.0	11	2	28	<1
BB-11-4131	<100	<0.5	6960	27	17.0	6.8	16	1	33	<1
BB-11-4132	<100	<0.5	600	11	6.0	2.9	5	<1	15	<1
BB-11-4133	<100	<0.5	6910	28	17.6	7.6	27	1	35	<1
BB-11-4134	<100	1.1	5260	17	11.5	4.1	45	3	21	<1
BB-11-4135	<100	0.7	4190	20	11.6	6.1	34	2	28	<1
BB-11-4136	<100	1.2	5720	24	14.3	6.2	38	2	30	<1
BB-11-4137	<100	0.7	6820	21	13.2	5.9	33	2	27	<1
BB-11-4138	<100	0.6	4130	15	9.2	4.2	28	2	21	<1
BB-11-4139	<100	1.7	5090	39	22.6	10.2	38	3	49	<1
BB-11-4140	<100	0.8	4190	19	11.1	5.4	32	2	28	<1
BB-11-4141	<100	1.3	4670	11	7.7	2.6	68	3	13	<1
BB-11-4142	<100	1.7	7910	18	13.4	4.4	37	2	22	<1
BB-11-4143	<100	1.9	5990	19	12.6	5.5	53	4	25	<1
BB-11-4144	<100	1.5	6060	23	15.0	6.9	50	3	31	<1
BB-11-4145	<100	1.5	2230	35	18.8	10.2	53	4	45	<1
BB-11-4146	<100	0.8	5080	15	9.6	3.7	31	1	18	<1
BB-11-4147	<100	0.8	5830	19	11.5	5.5	32	2	26	<1
BB-11-4148	<100	1.2	7050	20	13.0	5.0	25	1	25	<1
BB-11-4149	<100	2.2	5790	23	13.7	6.5	30	3	31	<1
BB-11-4150	<100	0.8	10600	20	13.4	5.0	32	1	24	<1
BB-11-4151	<100	1.0	6320	19	12.4	5.1	34	2	25	<1
BB-11-4152	<100	0.8	6670	19	12.9	4.6	31	1	23	<1
BB-11-4153	<100	0.7	6180	51	32.8	13.4	40	3	64	<1
*Rep BB-11-4088	<100	<0.5	2340	40	22.4	12.7	45	3	57	<1
*Rep BB-11-4104	<100	1.3	4300	17	10.8	5.1	45	2	24	<1
*Rep BB-11-4106	<100	0.9	6990	19	14.0	4.8	41	2	22	<1
*Rep BB-11-4119	<100	<0.5	560	15	9.2	3.2	5	<1	18	<1
*Rep BB-11-4140	<100	0.9	5070	23	14.2	6.3	41	2	31	<1
*Rep BB-11-4145	<100	1.6	2430	36	19.8	10.2	55	4	43	<1
*Std MMISRM18	<100	6.5	700	4	1.7	1.4	3	<1	7	5
*Std AMIS0169	100	7.6	3400	27	12.4	10.6	45	15	42	<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
*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-11-4079	<0.5	11.6	17	9	41	7060	<5	3.5	18	239
BB-11-4080	<0.5	16.3	9	32	84	2360	<5	0.6	30	48
BB-11-4081	<0.5	18.7	68	58	137	7620	<5	0.7	107	193
BB-11-4082	<0.5	18.0	55	90	110	4800	5	0.5	104	101
BB-11-4083	<0.5	14.6	193	24	129	3720	<5	0.8	283	188
BB-11-4084	<0.5	15.2	14	56	90	5200	6	<0.5	42	80
BB-11-4085	<0.5	14.5	50	35	101	7850	<5	0.6	96	124
BB-11-4086	<0.5	21.3	130	25	50	7320	20	1.6	175	216
BB-11-4087	<0.5	15.0	20	55	85	5710	<5	<0.5	48	69
BB-11-4088	<0.5	18.4	266	25	98	11500	<5	1.3	305	67
BB-11-4089	<0.5	17.7	197	20	120	15200	<5	1.5	231	73
BB-11-4090	<0.5	17.1	127	30	53	5760	11	1.2	197	82
BB-11-4091	<0.5	16.9	100	35	57	7340	23	1.2	160	74
BB-11-4092	<0.5	18.5	60	40	86	4110	5	1.4	102	81
BB-11-4093	<0.5	24.1	113	35	64	5890	20	1.3	168	244
BB-11-4094	<0.5	18.3	74	34	39	8240	33	1.3	129	173
BB-11-4095	<0.5	20.4	50	44	55	7210	22	1.1	87	109
BB-11-4096	<0.5	22.1	32	42	47	6280	30	0.7	64	71
BB-11-4097	<0.5	19.6	203	39	78	2970	16	2.2	290	74
BB-11-4098	<0.5	22.0	114	37	65	4910	59	1.4	182	135
BB-11-4099	<0.5	45.1	91	33	126	3860	30	0.9	155	99
BB-11-4100	<0.5	15.3	162	6	68	26100	12	5.6	217	163
BB-11-4101	<0.5	16.9	279	27	100	26600	11	1.8	352	141
BB-11-4102	<0.5	20.6	16	52	107	17900	7	<0.5	44	146
BB-11-4103	<0.5	23.3	29	58	104	10400	5	<0.5	66	48
BB-11-4104	<0.5	23.5	76	35	51	9650	39	1.5	125	97
BB-11-4105	<0.5	20.9	36	53	73	4090	<5	1.0	59	60
BB-11-4106	<0.5	27.9	35	60	75	9080	39	1.4	71	112
BB-11-4107	<0.5	20.2	38	50	80	3500	<5	1.2	85	81
BB-11-4108	<0.5	19.9	63	40	57	7020	26	1.3	120	121
BB-11-4109	<0.5	12.7	129	16	97	1690	<5	0.9	194	167
BB-11-4110	<0.5	15.9	118	28	89	1220	<5	0.8	160	198
BB-11-4111	<0.5	12.7	48	7	123	2560	<5	<0.5	81	77
BB-11-4112	<0.5	12.0	111	<5	83	3200	<5	4.1	148	230
BB-11-4113	<0.5	18.4	207	32	87	20700	<5	1.2	248	383
BB-11-4114	<0.5	17.5	17	18	150	8910	<5	<0.5	44	165
BB-11-4115	<0.5	26.2	46	54	123	2730	11	0.6	74	126
BB-11-4116	<0.5	14.3	381	22	107	18400	5	4.3	399	152
BB-11-4117	<0.5	25.7	294	51	104	6060	8	4.9	357	203
BB-11-4118	<0.5	26.1	5	121	146	12100	27	<0.5	16	135
BB-11-4119	<0.5	16.5	15	48	119	3590	<5	<0.5	41	72
BB-11-4120	<0.5	22.9	12	81	126	6290	8	<0.5	37	169
BB-11-4121	<0.5	24.0	125	7	137	11300	6	1.1	167	183

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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-11-4122	<0.5	18.9	128	<5	114	4620	<5	0.9	191	135
BB-11-4123	<0.5	19.8	157	10	156	2740	<5	1.8	199	130
BB-11-4124	<0.5	20.5	254	26	138	1720	<5	1.4	342	140
BB-11-4125	<0.5	18.8	210	21	97	2100	<5	1.8	280	212
BB-11-4126	<0.5	20.4	201	6	132	18800	<5	1.8	260	289
BB-11-4127	<0.5	26.1	61	34	152	2070	6	0.7	100	100
BB-11-4128	<0.5	17.9	247	8	130	1770	<5	1.3	349	155
BB-11-4129	<0.5	27.3	23	40	115	19100	<5	0.6	45	100
BB-11-4130	<0.5	26.6	72	76	127	6170	8	0.9	110	217
BB-11-4131	<0.5	29.4	99	39	150	5750	16	1.1	147	115
BB-11-4132	<0.5	19.0	11	57	94	7820	<5	<0.5	34	86
BB-11-4133	<0.5	30.0	115	44	144	6060	101	1.2	170	110
BB-11-4134	<0.5	30.6	43	47	56	7350	12	1.8	82	77
BB-11-4135	<0.5	25.0	84	36	57	7640	84	1.3	137	145
BB-11-4136	<0.5	25.8	72	38	36	4910	22	1.9	132	78
BB-11-4137	<0.5	29.0	65	45	65	7790	60	1.4	121	219
BB-11-4138	<0.5	25.8	42	42	52	9640	45	1.2	80	124
BB-11-4139	<0.5	21.2	151	33	75	3530	53	2.7	226	581
BB-11-4140	<0.5	21.2	68	32	40	8770	22	1.2	119	369
BB-11-4141	<0.5	29.4	30	46	50	7570	30	2.0	49	232
BB-11-4142	<0.5	27.1	45	42	64	7130	30	1.2	79	179
BB-11-4143	<0.5	26.3	77	41	68	8470	38	2.6	123	237
BB-11-4144	<0.5	26.1	95	39	62	9910	16	3.1	160	131
BB-11-4145	<0.5	8.0	244	22	63	3200	6	6.7	252	216
BB-11-4146	<0.5	19.9	40	40	57	4200	22	1.2	68	54
BB-11-4147	<0.5	19.3	85	40	67	7540	26	1.9	130	117
BB-11-4148	<0.5	18.2	45	37	69	3350	46	1.3	84	136
BB-11-4149	<0.5	13.4	66	38	46	6770	22	2.0	128	91
BB-11-4150	<0.5	23.7	42	40	51	6700	14	1.4	82	95
BB-11-4151	<0.5	21.0	58	42	43	8050	12	1.7	102	85
BB-11-4152	<0.5	22.1	60	44	88	4130	18	1.4	89	102
BB-11-4153	<0.5	18.1	312	47	98	4080	11	2.4	338	181
*Rep BB-11-4088	<0.5	20.7	321	31	111	14400	5	1.3	363	86
*Rep BB-11-4104	<0.5	24.0	66	34	50	9400	44	1.4	114	94
*Rep BB-11-4106	<0.5	27.5	40	58	75	8210	38	1.7	80	112
*Rep BB-11-4119	<0.5	17.0	14	51	130	4670	<5	<0.5	39	87
*Rep BB-11-4140	<0.5	23.6	75	34	46	9050	23	1.5	132	349
*Rep BB-11-4145	<0.5	9.0	266	23	64	2840	6	6.5	256	196
*Std MMISRM18	<0.5	29.0	10	<5	121	660	27	<0.5	25	456
*Std AMIS0169	<0.5	43.5	453	<5	38	4480	<5	3.1	367	401
*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
*Blk BLANK	<0.5	<0.1	2	<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-11-4079	0.6	20	<1	4	<1	168	<1	13	3	<1
BB-11-4080	<0.1	70	<1	5	<1	31	<1	<5	9	<1
BB-11-4081	<0.1	80	<1	22	<1	42	<1	10	25	<1
BB-11-4082	<0.1	70	<1	19	<1	28	<1	8	26	<1
BB-11-4083	0.1	150	<1	61	<1	56	<1	16	61	<1
BB-11-4084	<0.1	80	<1	7	<1	14	<1	6	12	<1
BB-11-4085	<0.1	90	<1	19	<1	32	<1	8	24	<1
BB-11-4086	<0.1	640	<1	40	<1	129	1	8	32	<1
BB-11-4087	<0.1	60	<1	9	<1	17	<1	<5	13	<1
BB-11-4088	0.1	170	<1	75	<1	13	<1	13	51	<1
BB-11-4089	<0.1	80	<1	58	<1	37	<1	13	36	<1
BB-11-4090	<0.1	450	<1	42	<1	79	<1	8	38	<1
BB-11-4091	<0.1	520	<1	35	<1	112	<1	6	31	<1
BB-11-4092	<0.1	380	<1	21	<1	66	<1	5	22	<1
BB-11-4093	<0.1	660	<1	37	<1	112	2	6	32	<1
BB-11-4094	<0.1	580	<1	27	<1	155	1	8	25	<1
BB-11-4095	<0.1	710	<1	18	<1	141	2	6	18	<1
BB-11-4096	<0.1	550	<1	13	<1	88	1	6	14	<1
BB-11-4097	<0.1	680	<1	66	<1	79	<1	9	56	<1
BB-11-4098	<0.1	1030	<1	40	<1	114	2	5	35	<1
BB-11-4099	<0.1	1090	<1	32	<1	56	2	5	31	<1
BB-11-4100	0.3	170	<1	53	<1	114	<1	53	36	<1
BB-11-4101	0.1	150	<1	88	<1	71	<1	21	56	<1
BB-11-4102	<0.1	110	<1	8	<1	42	<1	7	13	<1
BB-11-4103	<0.1	230	<1	13	<1	44	<1	<5	15	<1
BB-11-4104	<0.1	530	<1	27	<1	110	2	10	24	<1
BB-11-4105	<0.1	290	<1	11	<1	63	<1	<5	13	<1
BB-11-4106	<0.1	740	<1	15	<1	103	1	11	15	<1
BB-11-4107	<0.1	440	<1	17	<1	78	<1	6	20	<1
BB-11-4108	<0.1	680	<1	25	<1	166	1	8	25	<1
BB-11-4109	<0.1	200	<1	43	<1	65	<1	11	41	<1
BB-11-4110	0.1	200	<1	36	<1	122	<1	36	36	<1
BB-11-4111	<0.1	60	<1	16	<1	61	<1	7	18	<1
BB-11-4112	0.4	340	<1	36	<1	96	<1	56	27	<1
BB-11-4113	0.1	220	<1	61	<1	81	<1	36	53	<1
BB-11-4114	<0.1	110	<1	8	<1	41	<1	8	13	<1
BB-11-4115	<0.1	100	<1	16	<1	12	<1	10	16	<1
BB-11-4116	0.3	260	<1	104	<1	85	<1	50	64	<1
BB-11-4117	0.2	570	<1	89	<1	27	<1	33	61	<1
BB-11-4118	<0.1	150	<1	3	<1	6	<1	6	6	<1
BB-11-4119	<0.1	80	<1	7	<1	21	<1	8	12	<1
BB-11-4120	<0.1	140	<1	6	<1	29	<1	8	12	<1
BB-11-4121	0.1	130	<1	40	<1	39	<1	15	33	<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-11-4122	<0.1	110	<1	43	<1	47	<1	10	40	<1
BB-11-4123	0.1	130	<1	46	<1	69	<1	16	39	<1
BB-11-4124	0.1	140	<1	78	<1	65	<1	25	69	<1
BB-11-4125	0.1	300	<1	65	<1	98	<1	26	55	<1
BB-11-4126	0.1	90	<1	64	<1	55	<1	23	47	<1
BB-11-4127	<0.1	100	<1	21	<1	33	<1	10	22	<1
BB-11-4128	0.1	240	<1	80	<1	73	<1	24	74	<1
BB-11-4129	<0.1	40	<1	9	<1	19	<1	8	10	<1
BB-11-4130	<0.1	200	<1	23	<1	20	<1	12	24	<1
BB-11-4131	<0.1	760	<1	33	<1	31	2	6	29	<1
BB-11-4132	<0.1	100	<1	6	<1	17	<1	<5	10	<1
BB-11-4133	<0.1	850	<1	37	<1	32	1	5	32	<1
BB-11-4134	<0.1	610	<1	17	<1	90	<1	13	17	<1
BB-11-4135	<0.1	730	<1	30	<1	71	1	8	27	<1
BB-11-4136	<0.1	880	<1	28	<1	128	1	10	27	<1
BB-11-4137	<0.1	1010	<1	26	<1	95	1	9	25	<1
BB-11-4138	<0.1	570	<1	16	<1	55	1	11	17	<1
BB-11-4139	<0.1	1000	<1	49	<1	110	3	15	45	<1
BB-11-4140	<0.1	240	<1	25	<1	77	1	8	25	<1
BB-11-4141	<0.1	700	<1	11	<1	87	1	20	11	<1
BB-11-4142	<0.1	880	<1	16	<1	175	1	11	17	<1
BB-11-4143	<0.1	730	<1	27	<1	144	1	20	24	<1
BB-11-4144	<0.1	790	<1	34	<1	170	2	16	30	<1
BB-11-4145	0.2	660	<1	65	<1	126	<1	24	45	<1
BB-11-4146	<0.1	700	<1	14	<1	85	2	8	14	<1
BB-11-4147	<0.1	610	<1	29	<1	116	1	12	25	<1
BB-11-4148	<0.1	930	<1	17	<1	130	2	8	19	<1
BB-11-4149	<0.1	620	<1	26	<1	125	1	12	27	<1
BB-11-4150	<0.1	780	<1	16	<1	137	1	8	18	<1
BB-11-4151	<0.1	670	<1	21	<1	131	1	11	22	<1
BB-11-4152	<0.1	780	<1	19	<1	119	2	9	19	<1
BB-11-4153	<0.1	940	<1	83	<1	94	<1	16	61	<1
*Rep BB-11-4088	0.1	190	<1	90	<1	14	<1	20	61	<1
*Rep BB-11-4104	<0.1	620	<1	24	<1	109	2	10	22	<1
*Rep BB-11-4106	<0.1	830	<1	16	<1	100	1	13	18	<1
*Rep BB-11-4119	<0.1	90	<1	7	<1	20	<1	8	12	<1
*Rep BB-11-4140	<0.1	380	<1	28	<1	85	1	12	26	<1
*Rep BB-11-4145	0.2	600	<1	68	<1	131	<1	27	46	<1
*Std MMISRM18	0.5	330	15	5	6	163	<1	<5	6	<1
*Std AMIS0169	2.2	120	<1	100	<1	244	<1	57	56	<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
*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-11-4079	460	<1	<1	<10	29.3	258	<0.5	4	<1	18
BB-11-4080	1400	<1	1	<10	5.7	11	<0.5	5	<1	42
BB-11-4081	2700	<1	4	<10	15.5	19	<0.5	86	<1	154
BB-11-4082	2740	<1	4	<10	13.6	16	<0.5	23	<1	140
BB-11-4083	2130	<1	9	<10	48.7	37	<0.5	16	<1	246
BB-11-4084	2520	<1	2	<10	11.8	6	<0.5	9	<1	64
BB-11-4085	1690	<1	3	<10	16.2	32	<0.5	7	<1	95
BB-11-4086	1790	<1	4	<10	43.1	86	<0.5	60	<1	124
BB-11-4087	2100	<1	2	<10	9.5	4	<0.5	3	<1	65
BB-11-4088	2540	<1	6	<10	73.6	54	<0.5	15	<1	156
BB-11-4089	2460	<1	4	<10	45.0	18	<0.5	11	<1	118
BB-11-4090	2510	<1	5	<10	54.5	46	<0.5	40	<1	142
BB-11-4091	3000	<1	4	<10	50.6	46	<0.5	40	<1	99
BB-11-4092	3360	<1	4	<10	36.4	20	<0.5	22	<1	112
BB-11-4093	3500	<1	4	<10	50.8	37	<0.5	38	<1	126
BB-11-4094	3730	<1	3	<10	60.7	77	<0.5	44	<1	109
BB-11-4095	4830	<1	3	<10	29.2	34	0.6	32	<1	95
BB-11-4096	3760	<1	2	<10	35.7	32	<0.5	80	<1	77
BB-11-4097	6030	<1	8	<10	77.2	87	<0.5	61	1	214
BB-11-4098	4630	<1	5	<10	61.5	43	<0.5	61	<1	123
BB-11-4099	6220	<1	4	<10	36.5	48	<0.5	34	1	142
BB-11-4100	1730	<1	4	<10	71.4	167	0.7	135	<1	141
BB-11-4101	2900	<1	6	<10	69.0	48	0.7	101	<1	165
BB-11-4102	3830	<1	3	<10	20.1	17	<0.5	42	<1	91
BB-11-4103	4710	<1	3	<10	24.7	10	<0.5	24	<1	83
BB-11-4104	3180	<1	3	<10	66.6	126	0.9	49	<1	102
BB-11-4105	4640	<1	3	<10	18.8	12	<0.5	16	<1	99
BB-11-4106	4800	<1	3	<10	54.1	107	0.5	63	<1	98
BB-11-4107	6350	<1	4	<10	32.7	48	<0.5	38	<1	119
BB-11-4108	4570	<1	4	<10	60.1	63	0.7	34	<1	128
BB-11-4109	1490	<1	6	<10	39.8	39	0.6	81	<1	157
BB-11-4110	2050	<1	6	<10	20.9	41	0.5	263	<1	255
BB-11-4111	1670	<1	2	<10	8.3	19	<0.5	10	<1	63
BB-11-4112	1830	<1	4	<10	38.8	128	<0.5	121	<1	113
BB-11-4113	2430	<1	9	<10	31.8	70	0.7	132	<1	274
BB-11-4114	2620	<1	3	<10	6.7	42	<0.5	5	<1	80
BB-11-4115	4210	<1	3	<10	11.6	67	<0.5	165	<1	83
BB-11-4116	1800	<1	7	<10	103	252	<0.5	87	<1	201
BB-11-4117	3970	<1	8	<10	78.9	110	<0.5	74	1	216
BB-11-4118	5630	<1	1	<10	11.5	20	<0.5	58	<1	44
BB-11-4119	2580	<1	2	<10	7.7	25	<0.5	9	<1	74
BB-11-4120	3600	<1	2	<10	14.3	46	<0.5	48	<1	72
BB-11-4121	4420	<1	5	<10	28.0	53	<0.5	256	<1	151

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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-11-4122	3030	<1	5	<10	26.6	16	<0.5	31	<1	137
BB-11-4123	1180	<1	5	<10	42.8	98	<0.5	10	<1	173
BB-11-4124	1760	<1	10	<10	50.3	129	<0.5	16	<1	264
BB-11-4125	1490	<1	8	<10	39.3	142	<0.5	39	<1	235
BB-11-4126	2060	<1	6	<10	40.0	101	<0.5	66	<1	168
BB-11-4127	3840	<1	4	<10	21.0	45	<0.5	47	<1	108
BB-11-4128	2320	<1	10	<10	59.2	106	<0.5	28	<1	250
BB-11-4129	2970	<1	2	<10	21.6	72	<0.5	22	<1	49
BB-11-4130	4510	<1	4	<10	20.0	119	<0.5	52	<1	101
BB-11-4131	5480	<1	4	<10	40.1	43	<0.5	210	<1	125
BB-11-4132	2680	<1	2	<10	12.3	41	<0.5	50	<1	54
BB-11-4133	6560	<1	5	<10	46.9	28	<0.5	91	<1	140
BB-11-4134	3300	<1	3	<10	63.9	228	<0.5	26	<1	96
BB-11-4135	4030	<1	3	<10	62.8	111	<0.5	43	<1	106
BB-11-4136	2930	<1	4	<10	57.1	153	0.8	22	<1	114
BB-11-4137	5990	<1	4	<10	51.1	105	0.5	41	<1	112
BB-11-4138	4230	<1	3	<10	49.4	154	<0.5	83	<1	84
BB-11-4139	5350	<1	6	<10	55.2	176	<0.5	152	1	184
BB-11-4140	3610	<1	3	<10	47.0	72	<0.5	276	<1	120
BB-11-4141	4460	<1	2	<10	31.3	290	<0.5	91	<1	72
BB-11-4142	6940	<1	3	<10	24.5	128	<0.5	24	<1	108
BB-11-4143	5230	<1	3	<10	52.8	309	0.7	21	<1	117
BB-11-4144	3360	<1	4	<10	79.6	232	0.7	34	<1	132
BB-11-4145	2450	<1	6	<10	61.5	136	0.6	71	<1	158
BB-11-4146	3660	<1	2	<10	24.8	72	0.6	15	<1	83
BB-11-4147	4440	<1	3	<10	48.4	141	<0.5	40	<1	96
BB-11-4148	6780	<1	3	<10	28.0	95	<0.5	18	<1	99
BB-11-4149	4750	<1	4	<10	56.1	158	0.9	32	<1	119
BB-11-4150	4300	<1	3	<10	30.2	68	0.6	32	<1	107
BB-11-4151	3470	<1	3	<10	38.8	132	0.6	30	<1	102
BB-11-4152	6090	<1	3	<10	25.4	97	0.7	40	<1	105
BB-11-4153	4980	<1	8	<10	81.2	73	<0.5	231	<1	255
*Rep BB-11-4088	2890	<1	7	<10	76.5	93	<0.5	20	<1	198
*Rep BB-11-4104	3300	<1	3	<10	65.8	108	0.8	52	<1	98
*Rep BB-11-4106	5350	<1	3	<10	52.7	151	0.5	54	<1	117
*Rep BB-11-4119	2710	<1	2	<10	7.1	25	<0.5	9	<1	78
*Rep BB-11-4140	3910	<1	4	<10	65.0	136	<0.5	232	<1	139
*Rep BB-11-4145	2560	<1	6	<10	64.5	254	0.6	59	<1	160
*Std MMISRM18	1610	<1	<1	<10	17.0	5	<0.5	18	<1	23
*Std AMIS0169	110	<1	5	<10	72.3	383	1.5	21	1	117
*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
*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-11-4079	3	460	32
BB-11-4080	3	100	10
BB-11-4081	14	320	12
BB-11-4082	11	300	12
BB-11-4083	21	370	27
BB-11-4084	5	100	13
BB-11-4085	7	80	29
BB-11-4086	11	140	46
BB-11-4087	4	110	17
BB-11-4088	14	110	67
BB-11-4089	11	130	36
BB-11-4090	12	40	38
BB-11-4091	9	70	35
BB-11-4092	11	80	27
BB-11-4093	11	60	39
BB-11-4094	10	60	42
BB-11-4095	9	90	22
BB-11-4096	8	140	29
BB-11-4097	19	80	64
BB-11-4098	12	70	34
BB-11-4099	14	100	22
BB-11-4100	16	140	124
BB-11-4101	16	160	65
BB-11-4102	9	130	15
BB-11-4103	9	50	12
BB-11-4104	10	90	48
BB-11-4105	9	60	18
BB-11-4106	12	100	28
BB-11-4107	13	60	21
BB-11-4108	13	70	37
BB-11-4109	13	160	35
BB-11-4110	23	160	43
BB-11-4111	4	260	12
BB-11-4112	13	330	61
BB-11-4113	27	560	63
BB-11-4114	7	300	9
BB-11-4115	8	390	18
BB-11-4116	20	280	133
BB-11-4117	21	240	74
BB-11-4118	5	160	12
BB-11-4119	6	170	12
BB-11-4120	7	180	13
BB-11-4121	17	300	31

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Final : TO118405 Order: Project:BURNT BUSH,PO#:33782

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
BB-11-4122	10	320	20
BB-11-4123	15	280	36
BB-11-4124	25	420	39
BB-11-4125	23	280	45
BB-11-4126	17	460	41
BB-11-4127	10	160	21
BB-11-4128	23	560	44
BB-11-4129	5	110	23
BB-11-4130	9	100	20
BB-11-4131	13	90	25
BB-11-4132	5	110	13
BB-11-4133	15	70	23
BB-11-4134	10	80	33
BB-11-4135	10	100	38
BB-11-4136	12	80	32
BB-11-4137	11	70	28
BB-11-4138	8	180	33
BB-11-4139	17	120	54
BB-11-4140	10	70	44
BB-11-4141	8	120	46
BB-11-4142	11	60	29
BB-11-4143	11	70	58
BB-11-4144	13	70	56
BB-11-4145	15	150	50
BB-11-4146	8	60	27
BB-11-4147	9	50	28
BB-11-4148	11	50	31
BB-11-4149	11	40	36
BB-11-4150	11	50	24
BB-11-4151	10	60	28
BB-11-4152	10	80	22
BB-11-4153	27	110	42
*Rep BB-11-4088	18	120	69
*Rep BB-11-4104	10	70	49
*Rep BB-11-4106	12	70	30
*Rep BB-11-4119	7	170	13
*Rep BB-11-4140	13	70	48
*Rep BB-11-4145	15	160	49
*Std MMISRM18	<1	780	23
*Std AMIS0169	9	210	50
*Blk BLANK	<1	<20	<5
*Blk BLANK	<1	<20	<5
*Blk BLANK	<1	<20	<5

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