Certificate of Analysis

Work Order: TO118223

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

Date: Dec 12, 2011

P.O. No.	:	Project:BURNT BUSH,PO#:33782
Project No.	:	-
No. Of Samples	:	70
Date Submitted	:	Dec 01, 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-11-1570	21	35	<10	0.3	3340	<1	370	5	58	48
BB-11-1571	10	26	10	0.2	3050	<1	290	3	66	39
BB-11-1572	6	7	20	0.2	2070	<1	240	3	135	16
BB-11-1573	21	18	10	0.2	3660	<1	470	8	128	71
BB-11-1574	12	38	<10	0.3	2280	<1	340	4	64	34
BB-11-1575	17	21	20	0.2	3490	<1	430	7	59	70
BB-11-1576	17	21	<10	0.3	3250	<1	430	8	156	45
BB-11-1577	13	22	20	0.3	2750	<1	290	6	51	47
BB-11-1578	25	19	<10	0.2	3530	<1	360	14	65	50
BB-11-1579	17	14	10	0.4	3540	<1	430	8	27	43
BB-11-1580	11	27	<10	0.2	2370	<1	470	9	314	135
BB-11-1581	18	15	<10	0.1	1560	<1	520	6	26	18
BB-11-1582	6	77	<10	<0.1	740	<1	350	9	63	77
BB-11-1583	10	78	<10	<0.1	1730	<1	510	43	108	66
BB-11-1584	5	160	<10	<0.1	810	<1	280	26	111	61
BB-11-1585	10	25	<10	0.4	1320	<1	490	7	134	100
BB-11-1586	7	43	<10	0.2	1670	<1	440	5	24	18
BB-11-1587	8	36	<10	0.2	2150	<1	480	10	160	63
BB-11-1588	8	31	<10	0.4	2530	<1	530	5	87	15
BB-11-1589	2	65	<10	0.2	1380	<1	450	3	514	17
BB-11-1590	7	26	<10	0.3	1580	<1	400	3	34	21
BB-11-1591	3	158	<10	0.3	2160	<1	120	14	579	33
BB-11-1592	2	113	<10	0.7	3010	<1	320	4	1380	33
BB-11-1593	1	267	<10	<0.1	1620	1	20	18	48	30
BB-11-1594	1	232	<10	<0.1	3200	<1	110	2	726	29
BB-11-1595	8	59	<10	0.2	1860	<1	410	8	1310	262
BB-11-1596	2	274	<10	<0.1	1220	<1	<10	4	55	24
BB-11-1597	10	167	<10	<0.1	1410	<1	200	12	79	104
BB-11-1598	2	>300	<10	<0.1	1390	<1	<10	13	101	37
BB-11-1599	1	98	<10	0.3	1810	<1	310	3	454	18
BB-11-1600	6	16	<10	0.3	1650	<1	510	2	26	32
BB-11-1601	6	19	<10	0.3	1770	<1	560	1	62	14
BB-11-1602	20	14	<10	0.3	3820	<1	580	7	107	73
BB-11-1603	9	44	<10	0.3	3160	<1	450	4	690	135
BB-11-1604	13	96	<10	0.2	2660	<1	200	2	44	172
BB-11-1605	9	65	10	0.2	2790	1	390	12	417	151
BB-11-1606	12	25	10	0.2	2170	<1	290	5	76	27
BB-11-1607	19	17	10	0.2	5080	<1	430	8	23	54
BB-11-1608	21	20	<10	0.1	4640	<1	380	4	34	37
BB-11-1609	6	11	<10	0.1	550	<1	410	4	32	35
BB-11-1610	12	13	<10	0.1	1270	<1	590	9	40	366
BB-11-1611	5	60	10	0.2	1750	<1	470	9	113	149
BB-11-1612	12	36	<10	0.2	2030	<1	430	10	1040	192

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Final : TO118223 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-11-1613	9	25	10	0.3	2730	<1	440	3	406	56
BB-11-1614	18	16	10	0.2	4170	<1	380	11	30	68
BB-11-1615	19	25	10	0.3	3180	<1	320	7	81	57
BB-11-1616	4	61	<10	0.1	1640	<1	440	14	255	80
BB-11-1617	24	24	<10	0.2	3480	<1	350	5	38	40
BB-11-1618	17	19	<10	0.2	4030	<1	410	7	27	48
BB-11-1619	22	18	<10	0.1	3940	<1	390	9	25	66
BB-11-1620	9	10	<10	0.2	1950	<1	360	3	30	146
BB-11-1621	7	86	<10	0.2	1620	<1	510	6	210	19
BB-11-1622	5	20	<10	0.3	1550	<1	460	5	31	43
BB-11-1623	14	38	<10	<0.1	1630	<1	560	13	194	184
BB-11-1624	12	36	<10	0.3	1240	<1	570	12	96	102
BB-11-1625	12	51	<10	0.2	1710	<1	400	13	172	289
BB-11-1626	15	62	<10	0.1	1720	<1	480	13	315	123
BB-11-1627	15	14	<10	0.3	1600	<1	560	4	14	44
BB-11-1628	27	56	<10	0.1	1600	<1	460	46	412	96
BB-11-1629	14	44	<10	<0.1	2060	<1	390	12	355	75
BB-11-1630	11	26	<10	0.3	3250	<1	510	5	338	38
BB-11-1631	16	21	<10	0.2	2810	<1	370	4	80	42
BB-11-1632	7	21	10	0.3	3550	<1	470	3	114	43
BB-11-1633	19	22	20	0.2	3110	<1	330	6	66	92
BB-11-1634	7	16	<10	0.1	1600	<1	310	5	70	41
BB-11-1635	17	21	10	0.2	3500	<1	340	7	68	55
BB-11-1636	12	21	<10	0.2	3460	<1	440	6	149	44
BB-11-1637	13	35	<10	0.2	2430	<1	370	8	139	50
BB-11-1638	13	27	<10	0.3	2730	<1	350	9	163	45
BB-11-1639	17	31	<10	0.2	2660	<1	300	7	76	74
*Rep BB-11-1571	10	25	10	0.3	3160	<1	320	4	69	31
*Rep BB-11-1591	3	258	10	0.1	2270	1	90	24	815	65
*Rep BB-11-1601	6	17	<10	0.4	1770	<1	570	1	61	19
*Rep BB-11-1609	7	11	<10	0.1	640	<1	460	4	39	49
*Rep BB-11-1634	7	17	<10	0.3	1550	<1	320	5	58	62
*Rep BB-11-1638	12	29	<10	0.3	2810	<1	360	8	145	44
*Std MMISRM18	33	23	<10	9.8	130	<1	190	93	21	65
*Std AMIS0169	9	67	10	0.4	800	<1	40	2	939	119
*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-11-1570	<100	2.1	9180	8	5.4	1.9	62	6	9	<1
BB-11-1571	<100	1.8	5070	10	6.0	2.4	42	5	12	<1
BB-11-1572	<100	0.7	2870	11	6.1	3.7	34	<1	16	<1
BB-11-1573	<100	<0.5	9110	15	9.0	4.0	28	<1	19	<1
BB-11-1574	<100	1.1	5160	7	4.7	1.8	48	4	9	<1
BB-11-1575	<100	0.8	8540	11	7.2	2.4	35	2	13	<1
BB-11-1576	<100	1.7	8160	18	11.0	4.9	43	2	24	<1
BB-11-1577	<100	1.4	5120	7	4.6	1.7	48	3	9	<1
BB-11-1578	<100	1.4	10300	12	8.2	2.6	34	2	13	<1
BB-11-1579	<100	0.7	10800	10	7.9	1.7	30	<1	10	<1
BB-11-1580	<100	0.6	3100	22	12.0	6.6	22	1	30	<1
BB-11-1581	<100	<0.5	1220	11	6.2	2.6	8	<1	13	<1
BB-11-1582	<100	1.2	580	9	4.8	2.2	122	1	10	<1
BB-11-1583	<100	1.5	330	18	10.7	3.6	19	1	17	<1
BB-11-1584	<100	1.0	260	50	32.9	6.2	141	4	30	<1
BB-11-1585	<100	<0.5	790	11	6.7	2.6	11	<1	14	<1
BB-11-1586	<100	<0.5	590	16	8.8	4.4	13	1	21	<1
BB-11-1587	<100	<0.5	670	15	8.3	4.1	8	<1	19	<1
BB-11-1588	<100	<0.5	1120	78	43.1	20.2	8	<1	102	3
BB-11-1589	<100	0.6	1130	118	68.3	35.6	14	1	153	3
BB-11-1590	<100	<0.5	510	12	6.2	3.3	7	<1	16	1
BB-11-1591	<100	2.4	580	89	47.0	25.1	71	4	104	<1
BB-11-1592	<100	1.4	900	193	111	51.9	41	2	219	3
BB-11-1593	<100	3.3	150	25	16.3	2.2	53	5	10	<1
BB-11-1594	<100	2.6	460	93	46.1	24.9	44	7	102	<1
BB-11-1595	<100	0.8	1350	118	70.5	39.8	16	1	173	2
BB-11-1596	<100	4.1	100	6	5.3	1.2	91	7	4	<1
BB-11-1597	<100	1.4	590	57	42.4	5.1	214	4	26	<1
BB-11-1598	<100	3.8	430	8	6.3	1.8	111	8	7	<1
BB-11-1599	<100	1.3	600	68	35.8	23.1	18	2	92	1
BB-11-1600	<100	<0.5	930	25	14.2	5.9	5	<1	31	2
BB-11-1601	<100	<0.5	1140	55	30.8	14.8	7	<1	75	3
BB-11-1602	<100	<0.5	9230	21	14.0	4.6	28	<1	23	<1
BB-11-1603	<100	1.0	4900	30	16.2	10.0	70	2	41	<1
BB-11-1604	<100	2.0	4020	5	9.0	0.9	341	3	3	<1
BB-11-1605	<100	0.8	6090	35	26.7	7.3	135	2	33	<1
BB-11-1606	<100	2.2	4470	9	5.6	2.3	51	3	11	<1
BB-11-1607	<100	0.6	10400	6	4.9	1.1	40	1	6	<1
BB-11-1608	<100	0.8	8650	6	4.5	1.4	48	2	7	<1
BB-11-1609	<100	<0.5	920	10	6.4	2.0	6	<1	11	1
BB-11-1610	<100	0.6	1500	8	5.4	1.5	6	<1	8	<1
BB-11-1611	<100	0.6	4370	15	10.5	2.7	29	2	13	<1
BB-11-1612	<100	0.6	3300	33	20.4	11.3	96	1	45	<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-11-1613	<100	0.9	6390	22	11.9	7.2	40	2	31	<1
BB-11-1614	<100	0.8	10500	7	5.3	1.5	32	1	7	<1
BB-11-1615	<100	1.5	8580	12	8.4	2.8	46	4	14	<1
BB-11-1616	<100	1.8	5700	21	13.5	4.9	35	2	22	<1
BB-11-1617	<100	0.9	8680	7	5.2	1.4	41	3	7	<1
BB-11-1618	<100	1.1	10300	7	5.5	1.5	28	1	7	<1
BB-11-1619	<100	0.6	9970	7	5.4	1.3	32	1	7	<1
BB-11-1620	<100	<0.5	960	4	2.8	1.0	8	<1	5	<1
BB-11-1621	<100	<0.5	660	28	16.4	7.4	27	<1	32	<1
BB-11-1622	<100	<0.5	820	13	7.0	2.9	6	<1	16	<1
BB-11-1623	<100	<0.5	870	15	9.8	3.6	10	<1	19	<1
BB-11-1624	<100	<0.5	1870	8	4.4	2.8	12	<1	11	<1
BB-11-1625	<100	<0.5	4030	14	10.3	3.3	160	1	14	<1
BB-11-1626	<100	<0.5	2590	29	17.5	7.5	30	1	35	<1
BB-11-1627	<100	<0.5	720	10	6.3	1.7	4	<1	10	1
BB-11-1628	<100	0.9	3000	32	17.5	9.2	27	1	43	<1
BB-11-1629	<100	0.8	2620	25	13.0	7.6	26	2	33	<1
BB-11-1630	<100	1.3	6990	22	11.6	7.2	42	2	31	<1
BB-11-1631	<100	0.8	5950	13	8.5	3.2	38	3	17	<1
BB-11-1632	<100	1.1	6740	14	8.8	3.9	36	2	18	<1
BB-11-1633	<100	1.4	8590	10	7.5	2.2	45	3	11	<1
BB-11-1634	<100	0.8	4000	7	4.2	2.1	38	<1	10	<1
BB-11-1635	<100	1.2	7150	11	7.7	2.5	47	3	12	<1
BB-11-1636	<100	1.3	6710	15	9.3	4.3	35	2	20	<1
BB-11-1637	<100	2.6	5830	14	8.6	3.8	52	6	18	<1
BB-11-1638	<100	2.1	6270	18	10.8	4.8	58	4	23	<1
BB-11-1639	<100	2.2	6520	10	6.7	2.5	66	6	12	<1
*Rep BB-11-1571	<100	1.5	5640	10	6.2	2.4	47	4	12	<1
*Rep BB-11-1591	<100	3.6	430	71	31.7	20.7	81	10	82	<1
*Rep BB-11-1601	<100	<0.5	1360	59	33.0	14.6	5	<1	76	4
*Rep BB-11-1609	<100	<0.5	1010	11	7.0	2.3	7	<1	13	1
*Rep BB-11-1634	<100	0.8	3700	6	3.7	1.7	38	<1	8	<1
*Rep BB-11-1638	<100	2.3	6270	16	10.3	4.4	68	5	21	<1
*Std MMISRM18	<100	6.4	810	3	1.1	1.0	3	<1	4	5
*Std AMIS0169	100	7.6	3930	30	12.8	11.5	49	10	45	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	1	<1	<1	<1
*Blk BLANK	<100	<0.5	20	<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-11-1570	<0.5	30.8	23	58	54	5460	36	4.1	35	262
BB-11-1571	<0.5	29.7	25	43	51	4980	66	2.8	46	191
BB-11-1572	<0.5	17.0	51	16	22	3080	19	1.1	89	40
BB-11-1573	<0.5	24.6	46	29	59	3780	101	1.4	86	162
BB-11-1574	<0.5	26.0	25	39	41	5070	51	2.2	40	151
BB-11-1575	<0.5	28.2	22	32	63	5050	120	1.8	41	171
BB-11-1576	<0.5	26.3	59	32	60	4970	21	2.4	107	146
BB-11-1577	<0.5	29.4	21	36	49	6660	43	2.2	33	181
BB-11-1578	<0.5	33.1	27	36	77	7820	32	1.1	50	254
BB-11-1579	<0.5	34.8	10	38	86	4170	33	0.9	21	208
BB-11-1580	<0.5	19.2	119	24	78	6890	<5	1.5	161	114
BB-11-1581	<0.5	22.9	19	34	129	600	<5	0.5	40	122
BB-11-1582	<0.5	16.4	26	<5	76	4190	6	1.9	40	215
BB-11-1583	<0.5	14.8	43	<5	109	1750	<5	0.8	63	244
BB-11-1584	<0.5	15.5	40	12	81	1140	<5	0.6	90	308
BB-11-1585	<0.5	18.3	17	31	96	11400	<5	<0.5	37	189
BB-11-1586	<0.5	17.5	56	23	105	2270	<5	1.3	84	70
BB-11-1587	<0.5	19.9	47	41	102	10800	8	0.6	75	194
BB-11-1588	<0.5	19.8	270	41	156	890	<5	<0.5	352	205
BB-11-1589	<0.5	18.4	382	10	127	450	<5	0.7	654	64
BB-11-1590	<0.5	12.5	22	33	109	1230	<5	0.7	49	54
BB-11-1591	<0.5	21.2	320	6	29	750	<5	13.6	489	97
BB-11-1592	<0.5	15.8	811	7	111	560	<5	1.0	1060	74
BB-11-1593	<0.5	15.1	17	<5	8	470	<5	2.4	29	36
BB-11-1594	<0.5	16.0	254	11	52	250	<5	2.6	511	63
BB-11-1595	<0.5	20.7	1350	94	156	33300	<5	1.4	1140	359
BB-11-1596	<0.5	15.6	23	7	3	190	<5	3.7	24	46
BB-11-1597	<0.5	15.6	39	18	62	2330	<5	2.7	74	342
BB-11-1598	<0.5	17.7	36	8	5	540	<5	6.9	37	68
BB-11-1599	<0.5	16.8	253	5	91	370	<5	1.2	411	45
BB-11-1600	<0.5	12.0	30	26	156	2450	<5	<0.5	70	118
BB-11-1601	<0.5	13.8	182	24	156	500	<5	0.6	246	80
BB-11-1602	<0.5	14.1	47	25	98	3830	5	1.6	80	119
BB-11-1603	<0.5	17.3	251	23	49	5110	<5	4.1	283	100
BB-11-1604	<0.5	9.8	21	29	30	660	<5	2.7	21	391
BB-11-1605	<0.5	19.8	134	38	55	4710	30	2.5	183	257
BB-11-1606	<0.5	28.0	29	25	48	4770	12	2.1	47	101
BB-11-1607	<0.5	30.7	11	35	47	3930	19	1.0	17	156
BB-11-1608	<0.5	33.1	13	45	54	4290	6	1.3	23	97
BB-11-1609	<0.5	33.9	6	91	113	15000	38	<0.5	20	97
BB-11-1610	<0.5	26.1	12	66	152	17800	25	<0.5	24	253
BB-11-1611	<0.5	31.9	51	45	84	6730	143	1.6	58	450
BB-11-1612	<0.5	22.7	390	28	100	23700	6	3.7	393	219

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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-11-1613	<0.5	29.0	160	29	83	3270	111	2.5	207	240
BB-11-1614	<0.5	30.3	13	30	76	5310	35	1.0	22	261
BB-11-1615	<0.5	33.9	33	45	83	7280	64	2.0	58	206
BB-11-1616	<0.5	16.7	104	17	67	6840	19	4.2	122	445
BB-11-1617	<0.5	33.8	17	46	73	8470	29	2.0	26	186
BB-11-1618	<0.5	28.1	11	31	91	7680	53	1.2	22	140
BB-11-1619	<0.5	30.3	10	37	73	8310	37	0.9	19	281
BB-11-1620	<0.5	18.5	7	47	83	27100	34	<0.5	16	163
BB-11-1621	<0.5	18.4	149	11	107	910	<5	1.1	168	159
BB-11-1622	<0.5	21.0	15	24	101	3350	<5	<0.5	36	103
BB-11-1623	<0.5	19.9	57	54	108	15400	11	<0.5	78	183
BB-11-1624	<0.5	17.1	52	<5	155	35600	<5	<0.5	73	455
BB-11-1625	<0.5	22.3	81	19	99	17900	15	2.1	94	206
BB-11-1626	<0.5	20.0	129	30	93	5380	8	1.1	178	154
BB-11-1627	<0.5	26.8	5	107	162	1580	15	<0.5	17	96
BB-11-1628	<0.5	19.2	166	30	91	4650	<5	1.7	226	424
BB-11-1629	<0.5	17.6	144	16	72	4090	<5	2.3	183	132
BB-11-1630	<0.5	23.7	131	28	67	3090	9	3.2	194	85
BB-11-1631	<0.5	21.0	31	46	60	7700	8	1.7	60	58
BB-11-1632	<0.5	23.9	42	28	66	5240	42	1.2	81	170
BB-11-1633	<0.5	28.5	25	41	64	7260	38	2.2	39	331
BB-11-1634	<0.5	18.6	26	25	37	5040	24	0.7	46	194
BB-11-1635	<0.5	29.5	27	41	54	7600	33	1.5	46	202
BB-11-1636	<0.5	20.3	57	29	57	3490	20	1.4	99	145
BB-11-1637	<0.5	26.5	54	44	39	6220	24	3.3	88	131
BB-11-1638	<0.5	26.1	61	37	41	4390	42	2.6	108	148
BB-11-1639	<0.5	35.1	31	48	47	5190	39	3.0	51	306
*Rep BB-11-1571	<0.5	30.3	26	41	55	4500	66	2.2	48	154
*Rep BB-11-1591	<0.5	20.7	267	6	25	920	<5	13.0	456	120
*Rep BB-11-1601	<0.5	13.1	169	23	161	660	<5	<0.5	233	90
*Rep BB-11-1609	<0.5	37.0	7	100	121	15400	37	0.6	22	100
*Rep BB-11-1634	<0.5	18.7	21	25	39	4650	24	0.5	39	260
*Rep BB-11-1638	<0.5	28.1	54	42	44	4670	29	2.9	96	143
*Std MMISRM18	<0.5	28.0	6	<5	99	580	30	<0.5	16	470
*Std AMIS0169	<0.5	42.9	462	<5	35	4770	<5	3.4	397	463
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5
*Blk BLANK	<0.5	<0.1	<1	<5	<1	20	<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-11-1570	0.2	1010	<1	7	<1	94	3	24	8	1
BB-11-1571	0.2	680	<1	8	<1	70	3	17	10	<1
BB-11-1572	<0.1	250	<1	18	<1	86	2	<5	17	<1
BB-11-1573	0.2	1050	<1	16	<1	46	3	6	18	<1
BB-11-1574	0.1	900	<1	8	<1	53	2	14	8	<1
BB-11-1575	0.1	960	<1	7	<1	56	4	9	10	<1
BB-11-1576	<0.1	950	<1	20	<1	118	3	10	22	<1
BB-11-1577	0.1	740	<1	6	<1	71	3	13	7	<1
BB-11-1578	<0.1	850	<1	9	<1	119	3	7	11	<1
BB-11-1579	<0.1	990	<1	4	<1	70	4	6	6	<1
BB-11-1580	<0.1	150	<1	34	<1	43	<1	9	29	<1
BB-11-1581	0.2	30	<1	7	<1	28	<1	7	10	<1
BB-11-1582	1.1	200	<1	8	<1	86	<1	26	9	<1
BB-11-1583	0.2	120	<1	13	<1	141	<1	17	14	<1
BB-11-1584	0.1	400	<1	16	<1	126	<1	24	23	<1
BB-11-1585	0.1	80	<1	7	<1	31	<1	5	10	<1
BB-11-1586	0.1	60	<1	16	<1	69	<1	8	18	<1
BB-11-1587	0.1	50	<1	14	<1	48	<1	7	16	<1
BB-11-1588	<0.1	80	<1	65	<1	17	<1	15	81	<1
BB-11-1589	<0.1	100	<1	121	<1	99	<1	45	148	<1
BB-11-1590	<0.1	50	<1	9	<1	42	<1	7	13	<1
BB-11-1591	1.6	350	<1	97	<1	259	<1	87	109	<1
BB-11-1592	0.2	360	<1	208	<1	197	<1	137	225	<1
BB-11-1593	0.3	640	<1	6	<1	320	<1	25	8	<1
BB-11-1594	0.3	610	<1	97	<1	305	<1	105	110	<1
BB-11-1595	0.2	40	<1	261	<1	73	<1	30	186	<1
BB-11-1596	0.8	170	<1	6	<1	284	<1	16	5	<1
BB-11-1597	0.5	260	<1	14	<1	113	<1	38	19	<1
BB-11-1598	1.4	170	<1	9	<1	309	<1	21	7	<1
BB-11-1599	0.2	180	<1	78	<1	160	<1	48	94	<1
BB-11-1600	<0.1	40	<1	11	<1	31	<1	7	21	<1
BB-11-1601	<0.1	50	<1	46	<1	30	<1	12	56	<1
BB-11-1602	0.1	430	<1	14	<1	66	<1	6	18	<1
BB-11-1603	0.2	290	<1	63	<1	102	<1	24	48	<1
BB-11-1604	0.3	10	<1	5	<1	183	<1	36	4	<1
BB-11-1605	0.2	880	<1	41	<1	100	<1	62	35	<1
BB-11-1606	0.1	620	<1	9	<1	134	2	13	10	<1
BB-11-1607	0.1	920	<1	3	<1	56	2	7	4	<1
BB-11-1608	<0.1	680	<1	4	<1	73	1	10	5	<1
BB-11-1609	<0.1	40	<1	3	<1	8	<1	5	7	<1
BB-11-1610	<0.1	50	<1	4	<1	10	<1	<5	6	<1
BB-11-1611	0.2	1270	<1	13	<1	29	2	12	12	<1
BB-11-1612	0.2	170	<1	94	<1	30	<1	41	60	<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-11-1613	0.3	1010	<1	44	<1	45	4	14	36	<1
BB-11-1614	<0.1	890	<1	4	<1	77	3	6	5	<1
BB-11-1615	0.1	980	<1	11	<1	84	3	15	12	<1
BB-11-1616	0.2	1060	<1	28	<1	102	2	21	23	<1
BB-11-1617	0.1	920	<1	5	<1	54	2	13	5	<1
BB-11-1618	<0.1	790	<1	4	<1	86	3	6	6	<1
BB-11-1619	<0.1	850	<1	3	<1	62	3	6	5	<1
BB-11-1620	<0.1	40	<1	3	<1	12	<1	<5	4	<1
BB-11-1621	0.1	140	<1	37	<1	58	<1	21	32	<1
BB-11-1622	<0.1	80	<1	6	<1	36	<1	6	11	<1
BB-11-1623	<0.1	50	<1	16	<1	25	<1	6	16	<1
BB-11-1624	<0.1	<10	<1	16	<1	37	<1	7	13	<1
BB-11-1625	0.3	170	<1	21	<1	38	<1	39	16	<1
BB-11-1626	0.3	210	<1	37	<1	33	<1	19	34	<1
BB-11-1627	<0.1	70	<1	3	<1	7	<1	<5	6	<1
BB-11-1628	0.2	220	<1	49	<1	59	<1	16	44	<1
BB-11-1629	0.2	250	<1	39	<1	53	<1	12	34	<1
BB-11-1630	0.1	660	<1	40	<1	103	2	12	34	<1
BB-11-1631	<0.1	380	<1	11	<1	53	<1	11	14	<1
BB-11-1632	0.1	890	<1	15	<1	78	3	8	17	<1
BB-11-1633	0.1	800	<1	7	<1	98	3	14	9	<1
BB-11-1634	<0.1	280	<1	9	<1	64	1	<5	9	<1
BB-11-1635	<0.1	810	<1	8	<1	86	3	11	10	<1
BB-11-1636	0.1	740	<1	19	<1	97	3	9	19	<1
BB-11-1637	0.2	470	<1	18	<1	140	2	20	18	<1
BB-11-1638	0.1	780	<1	22	<1	160	2	16	22	<1
BB-11-1639	0.1	770	<1	10	<1	131	2	21	11	<1
*Rep BB-11-1571	0.1	830	<1	9	<1	66	3	15	11	<1
*Rep BB-11-1591	1.4	510	<1	94	<1	362	<1	60	92	<1
*Rep BB-11-1601	<0.1	50	<1	42	<1	26	<1	11	55	<1
*Rep BB-11-1609	<0.1	40	<1	3	<1	10	<1	7	10	<1
*Rep BB-11-1634	<0.1	260	<1	8	<1	62	1	<5	8	<1
*Rep BB-11-1638	0.1	750	<1	19	<1	166	2	18	19	<1
*Std MMISRM18	0.5	210	17	3	6	164	<1	<5	4	<1
*Std AMIS0169	2.4	130	<1	97	<1	245	1	59	64	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-11-1570	1970	<1	1	<10	31.1	703	0.6	65	<1	47
BB-11-1571	3240	<1	2	<10	33.5	445	<0.5	50	<1	54
BB-11-1572	1410	<1	2	<10	41.7	31	<0.5	16	<1	62
BB-11-1573	3490	<1	2	<10	40.9	81	<0.5	35	1	76
BB-11-1574	2140	<1	1	<10	32.4	381	<0.5	22	<1	42
BB-11-1575	4230	<1	2	<10	21.2	258	<0.5	33	<1	60
BB-11-1576	2250	<1	3	<10	51.2	276	0.6	36	1	107
BB-11-1577	2990	<1	1	<10	24.6	359	<0.5	33	1	44
BB-11-1578	3240	<1	2	<10	27.6	146	0.7	77	<1	74
BB-11-1579	4160	<1	1	<10	8.5	91	<0.5	68	1	67
BB-11-1580	2340	<1	3	<10	46.5	171	<0.5	52	<1	104
BB-11-1581	3590	<1	2	<10	7.1	107	<0.5	30	<1	50
BB-11-1582	1070	<1	1	<10	4.9	71	<0.5	84	<1	44
BB-11-1583	1850	<1	2	<10	6.3	51	0.5	272	<1	91
BB-11-1584	820	<1	6	<10	21.7	125	<0.5	36	<1	276
BB-11-1585	1170	<1	2	<10	16.4	35	<0.5	5	<1	64
BB-11-1586	1310	<1	2	<10	16.2	124	<0.5	13	<1	82
BB-11-1587	1380	<1	2	<10	18.2	79	<0.5	57	<1	73
BB-11-1588	2220	<1	12	<10	36.6	37	<0.5	15	<1	413
BB-11-1589	1700	<1	18	<10	36.7	78	<0.5	24	<1	513
BB-11-1590	740	<1	2	<10	12.3	30	<0.5	21	<1	59
BB-11-1591	800	<1	14	<10	124	1880	0.6	24	<1	403
BB-11-1592	1600	<1	28	<10	69.9	152	1.0	29	<1	1060
BB-11-1593	160	<1	3	<10	26.4	465	0.7	5	<1	116
BB-11-1594	960	<1	14	<10	55.0	589	1.0	15	<1	444
BB-11-1595	2220	<1	19	<10	86.8	159	0.5	17	<1	802
BB-11-1596	40	<1	<1	<10	20.6	646	0.6	3	<1	28
BB-11-1597	520	<1	6	<10	27.7	396	0.5	12	<1	339
BB-11-1598	60	<1	1	<10	46.2	1430	0.9	5	<1	36
BB-11-1599	1320	<1	11	<10	39.9	182	0.6	17	<1	284
BB-11-1600	1810	<1	4	<10	10.2	8	<0.5	4	<1	124
BB-11-1601	2060	<1	9	<10	25.8	76	<0.5	11	<1	306
BB-11-1602	3320	<1	3	<10	28.6	67	<0.5	36	<1	114
BB-11-1603	1150	<1	5	<10	83.5	371	<0.5	12	<1	165
BB-11-1604	820	<1	<1	<10	25.5	401	1.0	54	<1	26
BB-11-1605	1700	<1	5	<10	62.7	257	<0.5	57	<1	188
BB-11-1606	1050	<1	1	<10	32.2	320	<0.5	19	<1	52
BB-11-1607	4220	<1	<1	<10	7.6	139	<0.5	25	<1	39
BB-11-1608	3760	<1	<1	<10	15.1	224	0.5	26	<1	37
BB-11-1609	2790	<1	1	<10	7.0	57	<0.5	1	<1	59
BB-11-1610	3080	<1	1	<10	7.9	41	<0.5	33	<1	40
BB-11-1611	2490	<1	2	<10	17.5	104	<0.5	513	<1	90
BB-11-1612	2690	<1	5	<10	82.9	315	<0.5	44	<1	199

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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-11-1613	4340	<1	4	<10	61.5	277	<0.5	167	2	118
BB-11-1614	6310	<1	<1	<10	9.2	112	0.6	52	<1	47
BB-11-1615	4510	<1	2	<10	30.3	447	0.5	69	<1	77
BB-11-1616	2080	<1	3	<10	52.5	192	<0.5	126	1	115
BB-11-1617	4100	<1	<1	<10	14.2	332	<0.5	40	1	44
BB-11-1618	5110	<1	1	<10	9.5	139	<0.5	45	1	47
BB-11-1619	4590	<1	<1	<10	11.1	108	<0.5	58	<1	46
BB-11-1620	2330	<1	<1	<10	11.3	50	<0.5	9	<1	26
BB-11-1621	1200	<1	4	<10	36.4	78	<0.5	23	<1	157
BB-11-1622	2240	<1	2	<10	16.4	35	<0.5	14	<1	67
BB-11-1623	3520	<1	2	<10	17.2	27	<0.5	101	<1	86
BB-11-1624	4590	<1	1	<10	28.5	31	<0.5	240	<1	42
BB-11-1625	2790	<1	2	<10	28.7	152	<0.5	334	<1	93
BB-11-1626	2780	<1	4	<10	39.0	164	<0.5	297	<1	158
BB-11-1627	5390	<1	1	<10	3.9	13	<0.5	44	<1	52
BB-11-1628	3140	<1	5	<10	40.0	141	<0.5	211	<1	172
BB-11-1629	2260	<1	4	<10	54.5	272	<0.5	53	<1	124
BB-11-1630	2500	<1	4	<10	67.5	370	<0.5	31	<1	115
BB-11-1631	2610	<1	2	<10	45.7	353	<0.5	31	<1	80
BB-11-1632	4370	<1	2	<10	36.0	176	<0.5	44	1	78
BB-11-1633	4430	<1	1	<10	18.5	396	<0.5	69	1	67
BB-11-1634	2200	<1	1	<10	33.3	35	<0.5	75	<1	43
BB-11-1635	4000	<1	2	<10	26.3	291	<0.5	40	<1	67
BB-11-1636	3880	<1	2	<10	36.2	223	<0.5	24	<1	80
BB-11-1637	2490	<1	2	<10	62.5	622	0.6	71	<1	80
BB-11-1638	2630	<1	3	<10	68.3	435	<0.5	84	<1	104
BB-11-1639	2780	<1	2	<10	41.9	620	<0.5	83	<1	62
*Rep BB-11-1571	3500	<1	2	<10	34.6	395	<0.5	47	<1	55
*Rep BB-11-1591	570	<1	11	<10	122	2660	0.7	15	1	328
*Rep BB-11-1601	2110	<1	9	<10	23.8	11	<0.5	11	<1	310
*Rep BB-11-1609	3060	<1	2	<10	10.7	84	<0.5	2	<1	66
*Rep BB-11-1634	2260	<1	<1	<10	30.9	42	<0.5	73	<1	37
*Rep BB-11-1638	2780	<1	3	<10	66.1	546	<0.5	71	<1	98
*Std MMISRM18	1190	<1	<1	<10	14.3	6	<0.5	23	<1	16
*Std AMIS0169	90	<1	5	<10	82.8	475	1.3	27	2	129
*Blk BLANK	<10	<1	<1	<10	0.7	<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-11-1570	6	150	49
BB-11-1571	5	100	42
BB-11-1572	5	80	38
BB-11-1573	8	110	34
BB-11-1574	4	150	36
BB-11-1575	7	70	35
BB-11-1576	9	160	61
BB-11-1577	5	200	47
BB-11-1578	8	80	28
BB-11-1579	7	260	21
BB-11-1580	9	160	36
BB-11-1581	5	420	11
BB-11-1582	3	740	16
BB-11-1583	8	1440	12
BB-11-1584	25	2400	19
BB-11-1585	5	270	15
BB-11-1586	7	310	14
BB-11-1587	6	240	17
BB-11-1588	32	380	15
BB-11-1589	56	100	33
BB-11-1590	5	250	13
BB-11-1591	37	820	135
BB-11-1592	89	570	61
BB-11-1593	12	1420	32
BB-11-1594	35	390	70
BB-11-1595	54	520	65
BB-11-1596	5	250	35
BB-11-1597	32	1050	43
BB-11-1598	5	670	74
BB-11-1599	28	260	50
BB-11-1600	11	500	9
BB-11-1601	21	680	16
BB-11-1602	11	120	31
BB-11-1603	14	290	65
BB-11-1604	9	30	50
BB-11-1605	24	280	91
BB-11-1606	5	440	44
BB-11-1607	5	220	20
BB-11-1608	5	100	29
BB-11-1609	5	230	9
BB-11-1610	5	230	7
BB-11-1611	9	500	29
BB-11-1612	19	170	65

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Final : TO118223 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-11-1613	10	50	48
BB-11-1614	5	60	22
BB-11-1615	8	80	38
BB-11-1616	11	170	42
BB-11-1617	5	70	34
BB-11-1618	5	70	20
BB-11-1619	6	60	21
BB-11-1620	3	90	14
BB-11-1621	13	300	31
BB-11-1622	5	260	14
BB-11-1623	8	340	12
BB-11-1624	4	100	21
BB-11-1625	9	160	53
BB-11-1626	15	210	34
BB-11-1627	5	160	6
BB-11-1628	14	1860	43
BB-11-1629	10	340	54
BB-11-1630	10	100	77
BB-11-1631	8	80	29
BB-11-1632	8	110	28
BB-11-1633	8	80	40
BB-11-1634	4	450	23
BB-11-1635	8	140	33
BB-11-1636	8	230	27
BB-11-1637	8	280	50
BB-11-1638	10	160	53
BB-11-1639	7	120	52
*Rep BB-11-1571	6	140	44
*Rep BB-11-1591	23	840	178
*Rep BB-11-1601	23	760	13
*Rep BB-11-1609	6	320	11
*Rep BB-11-1634	4	670	21
*Rep BB-11-1638	10	170	51
*Std MMISRM18	<1	740	19
*Std AMIS0169	10	230	55
*Blk BLANK	<1	<20	<5
*Blk BLANK	<1	<20	<5

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