



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

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**Client:** **Great Western Minerals Group Ltd.**  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8 Canada

Submitted By: John Pearson  
Receiving Lab: Canada-Whitehorse  
Received: August 06, 2010  
Report Date: November 02, 2010  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI10000248.2

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-020  
P.O. Number  
Number of Samples: 24

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days  
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Great Western Minerals Group Ltd.  
226 Cardinal Crescent  
Saskatoon SK S7L 6H8  
Canada

CC: Stew Fumerton  
Kim Halpin

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	24	Crush, split and pulverize 250 g rock to 200 mesh			WHI
Group 1T	24	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN
4B03	18	LiBO2/Li2B4O7 fusion ICP-MS analysis	0.2	Completed	VAN

### ADDITIONAL COMMENTS

Version 2: 4B03 analysis included



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.  
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.  
\*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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	Method Analyte Unit MDL	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1
334101	Rock	0.78	0.34	42.36	27.11	3349	360	37.7	8.9	4403	4.08	24.1	2.1	<0.1	10.5	240	16.95	13.25	0.05	65
334102	Rock	0.49	0.13	0.55	0.99	12.8	67	1.3	1.1	391	0.41	3.1	0.4	<0.1	0.6	58	0.09	0.24	<0.04	1
334103	Rock	0.39	<0.05	0.51	0.49	9.6	34	1.7	0.5	144	0.13	0.4	0.3	<0.1	0.5	35	0.10	0.10	<0.04	2
334104	Rock	0.72	0.17	3.79	3.18	6.7	34	5.3	0.9	129	0.19	5.5	0.6	<0.1	1.1	293	0.06	0.61	<0.04	44
334105	Rock	0.63	0.18	0.32	1.99	19.4	89	5.4	0.4	754	0.63	1.5	0.3	<0.1	0.7	73	0.16	0.33	0.63	4
334106	Rock	0.25	0.09	0.84	1.35	4.5	114	6.3	1.4	918	0.30	0.9	0.8	<0.1	0.5	62	0.09	0.13	<0.04	10
334107	Rock	0.35	0.08	1.12	1.68	21.9	79	1.7	0.5	141	0.28	0.2	0.4	<0.1	0.8	17	0.08	0.19	0.06	5
334108	Rock	0.48	1.12	0.75	2.32	2.0	86	1.9	0.7	135	0.23	2.0	0.3	<0.1	0.6	42	<0.02	0.40	<0.04	2
334109	Rock	0.76	4.17	9.47	14.52	34.1	413	19.3	2.7	680	1.23	5.5	2.2	<0.1	4.9	312	0.46	2.32	0.08	481
334110	Rock	0.63	2.02	7.90	0.57	84.6	<20	12.5	23.2	1534	9.35	0.5	1.4	<0.1	6.3	455	0.08	0.77	<0.04	184
334111	Rock	0.23	35.45	76.61	56.26	96.5	660	166.5	4.7	118	1.21	8.4	12.5	<0.1	8.2	22	0.17	23.25	0.15	966
334112	Rock	0.33	9.29	24.27	31.61	99.5	664	52.7	4.7	278	2.00	8.5	6.4	<0.1	9.8	218	1.31	6.57	0.18	895
334113	Rock	0.34	2.33	6.96	1.00	4.0	171	3.2	1.2	448	0.53	6.2	2.6	<0.1	0.5	102	0.08	0.72	0.07	6
334114	Rock	0.31	12.43	1.12	40.82	78.4	445	5.6	3.3	733	1.95	1.6	0.3	<0.1	0.9	94	0.42	1.03	0.16	20
334138	Rock	1.01	1.77	167.9	31.45	44.7	*	27.5	3.7	528	2.04	11.1	322.0	<0.1	1159	17	2.66	6.23	0.16	22
334139	Rock	1.29	6.63	38.02	37.31	90.2	<20	6.1	1.9	1911	7.68	1.2	233.3	<0.1	1733	137	0.74	1.20	0.14	31
334140	Rock	1.85	1.53	16.62	31.03	64.2	<20	29.9	5.4	226	1.79	21.1	110.2	<0.1	494.3	35	0.59	2.39	0.41	46
334141	Rock	1.30	3.04	12.30	1.76	45.5	<20	21.6	2.1	112	1.32	1.2	3.1	<0.1	15.1	17	0.22	1.25	0.11	346
334142	Rock	0.41	41.29	4.00	6.26	85.3	<20	0.2	2.1	1889	4.14	0.9	42.2	<0.1	191.8	50	0.42	1.19	0.09	2
334143	Rock	0.69	35.59	0.44	4.51	214.9	<20	0.4	2.6	4273	17.41	1.9	74.8	<0.1	19.1	84	1.82	1.04	0.42	2
334144	Rock	0.80	39.03	1.57	20.19	162.0	<20	37.9	2.2	1201	6.01	<0.2	325.6	<0.1	1328	14	0.73	2.77	0.56	83
334145	Rock	0.80	10.30	3.88	40.71	167.2	<20	135.3	2.3	2331	3.59	48.6	445.7	<0.1	>2000	127	1.04	6.19	0.71	71
334146	Rock	1.68	27.14	1.94	36.68	91.3	*	16.3	1.1	688	3.02	0.6	87.8	<0.1	>2000	53	0.33	2.01	0.13	37
334147	Rock	0.43	4.09	1.40	2.67	64.8	<20	6.9	0.7	587	2.01	0.7	7.4	<0.1	71.6	67	0.23	0.47	<0.04	5



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		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
		0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
334101	Rock	0.047	47.3	67	3.18	1339	0.133	6.52	1.092	5.10	1.8	160.0	2.4	2	8.3	0.34	20.7	82.53	9.7	37.7	6.4
334102	Rock	0.079	2.0	<1	11.95	75	0.003	0.31	0.020	0.15	<0.1	5.9	<0.1	<1	<0.1	<0.04	2.4	3.01	0.4	1.8	0.4
334103	Rock	0.010	1.5	1	5.86	7	0.005	0.29	0.005	<0.02	<0.1	6.2	<0.1	<1	<0.1	<0.04	1.1	2.70	0.3	1.7	0.1
334104	Rock	0.004	6.3	7	0.57	133	0.025	0.59	0.008	0.35	0.1	7.7	0.2	<1	1.0	<0.04	4.9	10.57	1.2	6.0	1.0
334105	Rock	0.001	3.5	4	12.63	46	0.010	0.26	0.014	0.11	0.3	5.6	0.2	<1	0.5	0.07	7.5	6.57	1.1	3.3	0.9
334106	Rock	0.004	2.5	4	12.23	10	0.016	0.27	0.011	0.04	0.1	4.5	<0.1	<1	0.5	<0.04	4.5	4.26	0.5	2.3	0.6
334107	Rock	0.007	2.1	2	4.13	36	0.007	0.90	0.007	0.04	0.1	12.8	0.2	<1	0.3	<0.04	1.7	3.65	0.4	2.0	0.3
334108	Rock	0.006	2.7	2	5.79	103	0.008	0.49	0.181	0.13	<0.1	8.2	<0.1	<1	0.2	<0.04	2.2	4.94	0.6	2.2	0.4
334109	Rock	0.033	15.6	48	2.07	449	0.164	3.61	0.360	1.66	0.8	53.5	1.1	1	5.5	0.17	14.1	26.59	3.5	15.1	2.6
334110	Rock	0.639	70.8	15	3.05	3718	2.315	8.31	3.104	0.97	2.6	59.1	1.0	1	12.1	<0.04	27.3	152.9	18.0	82.4	12.7
334111	Rock	0.080	24.9	48	3.87	6077	0.266	4.96	0.030	3.13	3.0	131.2	1.8	5	6.7	<0.04	16.9	40.22	5.4	20.9	2.9
334112	Rock	0.047	26.9	84	0.99	>10000	0.286	6.37	1.899	4.13	2.1	90.1	1.8	2	10.3	<0.04	15.4	43.72	5.3	21.2	3.0
334113	Rock	0.017	3.3	4	12.43	52	0.015	0.24	0.007	0.11	0.4	8.9	<0.1	<1	0.8	<0.04	4.5	4.98	0.6	3.5	0.8
334114	Rock	0.004	1.5	5	11.45	23	0.024	0.25	0.109	0.12	0.2	4.5	0.3	<1	1.0	<0.04	5.0	2.87	0.6	2.7	0.8
334138	Rock	0.007	>2000	2	0.51	664	0.058	1.32	0.016	0.72	1.1	>2000	6.0	18	2.1	<0.04	982.4	>2000	712.6	>2000	253.9
334139	Rock	0.055	>2000	3	0.20	748	0.152	1.97	0.818	1.44	0.5	510.6	50.2	30	0.5	0.16	496.2	>2000	396.4	1457	166.5
334140	Rock	0.087	1862	9	0.47	651	0.233	2.99	0.047	2.99	2.6	234.6	6.3	19	1.4	0.15	661.3	>2000	249.9	960.1	125.7
334141	Rock	0.097	25.3	43	0.95	5541	0.204	5.95	0.028	4.34	6.7	64.8	4.6	9	9.8	<0.04	13.0	39.43	4.6	18.2	2.9
334142	Rock	0.042	328.4	1	0.85	526	0.099	7.61	2.634	3.33	14.8	198.0	16.0	12	0.8	<0.04	59.5	571.2	45.4	165.7	21.3
334143	Rock	0.114	>2000	4	2.65	361	0.195	4.05	0.008	3.93	17.0	1462	43.7	84	0.6	<0.04	128.3	>2000	292.9	1207	133.8
334144	Rock	0.020	188.3	20	8.24	466	0.337	4.95	0.036	3.22	7.6	47.4	2.3	5	27.5	0.04	1087	789.4	122.2	751.5	192.1
334145	Rock	0.071	285.2	13	6.67	470	0.200	2.77	0.163	2.34	17.0	47.9	1.7	4	16.2	<0.04	>2000	929.6	152.3	963.2	368.1
334146	Rock	0.010	206.8	10	1.98	311	0.279	3.11	0.110	1.17	0.6	43.6	1.9	4	3.6	<0.04	365.1	771.6	105.2	504.8	109.7
334147	Rock	0.066	483.3	<1	1.18	224	0.121	7.97	5.237	0.79	2.8	105.3	2.3	5	1.3	<0.04	56.8	949.9	88.1	303.4	48.5



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Report Date:

November 02, 2010

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Part 3

## CERTIFICATE OF ANALYSIS

WHI10000248.2

	Method Analyte Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2
334101	Rock	1.5	7.0	0.9	5.7	0.9	2.5	0.3	1.7	0.3	3.41	3.1	87.0	1.5	30.50	0.4	13.65	4197	1	7.9
334102	Rock	0.1	0.6	<0.1	0.3	<0.1	0.1	<0.1	<0.1	<0.1	0.16	3.3	3.5	<0.1	0.39	0.1	0.55	72	<1	0.6
334103	Rock	<0.1	0.3	<0.1	0.1	<0.1	0.1	<0.1	0.1	<0.1	0.15	3.1	0.2	<0.1	0.50	<0.1	0.47	8	<1	<0.2
334104	Rock	0.3	1.0	0.1	0.8	0.1	0.4	<0.1	0.4	<0.1	0.19	2.4	8.6	<0.1	1.04	0.3	1.61	121	<1	0.4
334105	Rock	0.3	1.2	0.2	1.1	0.2	0.5	<0.1	0.4	<0.1	0.14	3.3	3.9	<0.1	0.47	0.1	0.71	41	<1	<0.2
334106	Rock	0.1	0.7	<0.1	0.6	0.1	0.3	<0.1	0.3	<0.1	0.09	5.5	1.3	<0.1	0.66	0.1	0.56	10	<1	0.6
334107	Rock	0.1	0.3	<0.1	0.3	<0.1	0.2	<0.1	0.2	<0.1	0.38	16.5	1.2	<0.1	0.29	<0.1	1.30	38	<1	<0.2
334108	Rock	<0.1	0.3	<0.1	0.4	<0.1	0.2	<0.1	0.3	<0.1	0.24	3.3	2.8	<0.1	0.67	<0.1	0.87	106	<1	0.6
334109	Rock	0.3	2.0	0.3	2.3	0.4	1.3	0.1	0.9	0.1	1.34	26.7	48.1	0.4	5.34	1.7	7.99	3861	1	1.8
334110	Rock	4.7	11.6	1.4	8.5	1.2	3.0	0.3	2.0	0.2	1.88	50.3	27.4	2.5	44.40	2.7	22.35	3307	<1	21.0
334111	Rock	0.1	3.2	0.4	2.8	0.6	1.7	0.2	1.9	0.2	3.86	94.5	113.6	0.7	10.87	8.3	13.73	5327	4	4.3
334112	Rock	<0.1	3.0	0.4	2.5	0.5	1.6	0.2	2.4	0.2	2.41	18.2	101.5	0.7	11.46	0.7	13.45	10689	<1	4.2
334113	Rock	0.1	0.5	<0.1	0.6	0.1	0.3	<0.1	0.3	<0.1	0.22	10.0	7.3	<0.1	0.82	0.5	0.61	56	<1	0.6
334114	Rock	<0.1	0.8	0.1	0.8	0.1	0.5	<0.1	0.5	<0.1	0.17	7.2	4.5	<0.1	0.62	0.1	1.32	23	<1	2.9
334138	Rock	27.4	196.7	27.2	175.2	28.2	73.6	8.9	59.3	7.2	37.63	5.5	33.7	1.7	159.2	0.7	18.48	N.A.	N.A.	N.A.
334139	Rock	13.6	125.3	17.0	105.1	18.1	45.1	4.9	29.1	3.0	7.77	2.3	19.3	7.4	323.7	0.2	38.75	N.A.	N.A.	N.A.
334140	Rock	10.4	123.8	19.4	131.0	24.7	63.3	7.7	46.8	5.1	4.48	9.2	63.9	4.7	432.9	0.5	29.64	N.A.	N.A.	N.A.
334141	Rock	<0.1	2.9	0.3	2.4	0.4	1.2	0.2	1.4	0.2	1.84	33.1	115.9	0.8	19.80	1.3	19.49	4973	8	2.8
334142	Rock	4.0	20.2	2.2	13.1	2.1	5.4	0.6	4.1	0.5	3.52	49.4	106.6	10.8	388.3	2.7	37.35	574	12	1.8
334143	Rock	12.8	68.5	6.2	31.6	5.1	13.6	2.3	17.7	2.5	14.56	74.3	361.1	65.6	1982	8.9	61.13	N.A.	N.A.	N.A.
334144	Rock	7.3	221.1	36.6	254.8	46.7	120.4	15.3	93.1	10.4	0.71	254.7	242.6	65.1	>2000	6.4	38.18	N.A.	N.A.	N.A.
334145	Rock	14.2	490.3	95.6	588.5	121.9	328.2	45.1	267.3	33.5	1.11	207.9	222.8	1.6	1707	6.5	24.61	N.A.	N.A.	N.A.
334146	Rock	5.9	105.9	18.4	96.9	17.1	41.9	4.9	28.0	3.4	0.78	14.9	53.6	12.6	194.5	0.7	27.78	311	3	0.5
334147	Rock	2.7	35.0	4.2	16.3	2.4	5.8	0.8	5.3	0.7	2.59	9.9	38.7	15.3	321.7	0.5	42.14	245	4	0.7



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	Method Analyte Unit MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02
334101	Rock	14.0	7.3	96.4	104.8	3	260.5	4.8	14.4	3.5	76	3.8	302.6	52.4	55.9	104.7	11.20	42.6	7.56	2.07
334102	Rock	0.6	0.8	1.3	3.0	<1	61.3	<0.1	0.8	0.4	<8	<0.5	29.5	2.9	2.0	3.0	0.33	2.0	0.49	0.16
334103	Rock	0.6	2.1	1.2	<0.1	<1	37.8	0.1	0.7	0.3	<8	<0.5	77.9	1.8	1.8	3.4	0.32	1.4	0.28	0.08
334104	Rock	1.4	0.4	1.3	8.1	<1	284.0	<0.1	1.0	0.6	47	<0.5	12.8	5.3	6.3	11.3	1.29	5.4	0.89	0.28
334105	Rock	0.6	0.2	0.8	3.7	<1	74.3	<0.1	0.5	0.3	<8	<0.5	6.9	8.4	3.6	6.6	0.71	3.7	0.69	0.25
334106	Rock	<0.5	0.8	0.9	0.7	<1	65.2	<0.1	0.5	0.8	12	<0.5	26.0	5.5	2.5	5.2	0.52	2.7	0.53	0.13
334107	Rock	1.4	3.3	1.1	0.6	<1	19.9	<0.1	0.9	0.6	8	0.7	129.3	2.8	2.6	4.3	0.42	2.1	0.35	0.13
334108	Rock	1.2	1.8	1.1	2.7	<1	47.0	<0.1	0.6	0.4	<8	<0.5	77.8	3.0	3.1	5.6	0.52	2.4	0.41	0.09
334109	Rock	8.0	2.0	6.4	55.4	<1	340.3	0.4	5.7	2.5	494	0.8	66.4	17.0	18.1	32.3	3.79	15.9	2.63	0.51
334110	Rock	21.1	5.6	80.2	30.6	2	471.4	4.7	7.1	2.0	193	3.2	237.5	35.1	77.2	164.2	19.42	80.7	13.92	5.45
334111	Rock	14.2	7.4	12.8	145.6	2	24.9	0.8	8.7	12.9	969	3.5	269.1	21.9	27.6	47.0	5.88	22.5	3.27	0.88
334112	Rock	12.9	3.1	12.7	122.9	2	231.1	0.8	10.7	7.4	911	2.1	116.1	19.3	30.1	50.8	5.98	21.7	3.38	0.77
334113	Rock	<0.5	0.3	0.7	7.2	<1	105.4	<0.1	0.6	2.8	<8	0.5	9.9	4.7	3.2	5.7	0.64	3.4	0.50	0.13
334114	Rock	1.3	1.0	0.7	4.5	<1	107.7	<0.1	1.1	0.3	22	<0.5	40.8	6.0	1.3	3.6	0.45	3.1	0.79	0.09
334138	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334139	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334140	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334141	Rock	20.4	3.7	27.7	143.1	5	17.7	1.1	17.2	3.6	353	9.5	137.8	28.6	28.8	49.9	5.44	19.4	3.38	0.33
334142	Rock	40.4	5.8	445.1	141.2	18	57.5	11.2	239.9	50.5	<8	14.9	319.4	82.9	371.1	645.5	59.52	196.8	25.71	4.64
334143	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334144	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334145	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334146	Rock	23.6	42.2	3490	54.9	3	53.6	167.2	2616	95.5	51	19.5	2332	426.3	206.6	709.7	105.2	513.3	106.4	5.34
334147	Rock	44.7	26.7	593.7	37.8	4	74.2	26.7	82.5	11.0	<8	3.9	1098	212.1	457.1	870.2	92.08	333.9	51.52	2.87



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**Project:** True Blue  
**Report Date:** November 02, 2010

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## CERTIFICATE OF ANALYSIS

WHI10000248.2

	Method Analyte	4B						
		Tb	Dy	Ho	Er	Tm	Yb	Lu
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	MDL	MDL	MDL	MDL	MDL	MDL
334101	Rock	1.70	10.29	1.85	4.68	0.60	3.74	0.53
334102	Rock	0.06	0.33	0.06	0.18	0.02	0.12	0.02
334103	Rock	0.04	0.18	0.05	0.13	0.02	0.18	0.03
334104	Rock	0.13	0.72	0.14	0.37	0.05	0.36	0.05
334105	Rock	0.18	1.03	0.19	0.50	0.06	0.40	0.06
334106	Rock	0.11	0.68	0.13	0.38	0.05	0.34	0.05
334107	Rock	0.06	0.36	0.07	0.24	0.04	0.33	0.05
334108	Rock	0.06	0.34	0.08	0.24	0.04	0.26	0.05
334109	Rock	0.38	2.00	0.45	1.27	0.17	1.06	0.16
334110	Rock	1.59	8.08	1.25	3.00	0.39	2.26	0.32
334111	Rock	0.47	2.78	0.61	1.63	0.26	1.60	0.22
334112	Rock	0.44	2.53	0.54	1.48	0.23	1.53	0.23
334113	Rock	0.10	0.55	0.11	0.31	0.04	0.28	0.05
334114	Rock	0.15	0.91	0.17	0.46	0.07	0.45	0.06
334138	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334139	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334140	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334141	Rock	0.59	3.42	0.73	2.17	0.32	2.09	0.31
334142	Rock	2.54	13.53	2.36	6.26	0.85	5.40	0.72
334143	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334144	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334145	Rock	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
334146	Rock	16.82	95.15	17.23	43.64	5.39	31.99	4.05
334147	Rock	7.04	40.07	7.55	20.81	2.97	19.86	2.71



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Part 1

## QUALITY CONTROL REPORT

WHI10000248.2

	Method Analyte Unit MDL	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ct
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02
Pulp Duplicates																					
334141	Rock	1.30	3.04	12.30	1.76	45.5	<20	21.6	2.1	112	1.32	1.2	3.1	<0.1	15.1	17	0.22	1.25	0.11	346	0.60
REP 334141	QC		2.82	11.90	1.76	46.1	<20	22.3	2.1	110	1.31	1.6	3.1	<0.1	15.2	16	0.18	1.22	0.09	344	0.59
334146	Rock	1.68	27.14	1.94	36.68	91.3	*	16.3	1.1	688	3.02	0.6	87.8	<0.1	>2000	53	0.33	2.01	0.13	37	3.14
REP 334146	QC		27.23	1.77	36.39	89.6	*	17.1	0.8	690	3.03	0.3	89.7	<0.1	>2000	54	0.32	2.05	0.12	38	3.19
Reference Materials																					
STD OREAS24P	Standard		1.31	46.20	2.94	115.2	59	139.6	46.5	1129	7.59	1.1	0.7	<0.1	2.8	384	0.20	0.09	<0.04	170	5.92
STD OREAS24P	Standard		1.55	52.80	3.19	118.6	30	148.3	49.0	1163	7.77	0.9	1.0	<0.1	2.9	394	0.17	0.09	<0.04	169	6.17
STD OREAS45P	Standard		2.09	739.1	21.33	146.6	393	394.9	118.3	1301	18.60	11.3	2.1	<0.1	9.8	32	0.21	0.71	0.25	278	0.29
STD OREAS45P	Standard		2.15	739.9	26.64	156.6	395	393.6	135.5	1340	19.36	12.6	2.7	<0.1	11.3	36	0.18	0.92	0.26	267	0.34
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OREAS24P Expected			1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45P Expected			2.1	749	22	141	320	385	120	1338	19.22	12	2.2	0.055	9.8	32.6	0.2	0.82	0.21	267	0.3
STD SO-18 Expected																					
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	<0.1	<0.2	<2	<0.02	<0.2	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	<1	<0.02
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		0.20	4.05	17.38	50.3	<20	3.0	4.9	764	2.40	0.2	2.7	<0.1	8.7	699	0.06	0.06	0.16	54	2.30
G1	Prep Blank		0.23	3.49	17.00	51.9	27	3.5	4.6	751	2.39	0.4	2.8	<0.1	8.2	673	0.06	0.05	0.14	52	2.37



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Part 2

## QUALITY CONTROL REPORT

WHI10000248.2

	Method Analyte Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
		%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
		0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
Pulp Duplicates																					
334141	Rock	0.097	25.3	43	0.95	5541	0.204	5.95	0.028	4.34	6.7	64.8	4.6	9	9.8	<0.04	13.0	39.43	4.6	18.2	2.9
REP 334141	QC	0.093	25.7	43	0.93	5470	0.205	5.86	0.027	4.25	6.7	65.6	4.2	9	10.1	<0.04	13.2	40.93	4.8	18.0	3.1
334146	Rock	0.010	206.8	10	1.98	311	0.279	3.11	0.110	1.17	0.6	43.6	1.9	4	3.6	<0.04	365.1	771.6	105.2	504.8	109.7
REP 334146	QC	0.010	206.9	11	2.00	307	0.281	3.11	0.112	1.24	0.6	43.4	2.0	3	3.6	<0.04	361.8	765.3	109.9	513.4	105.7
Reference Materials																					
STD OREAS24P	Standard	0.152	16.9	185	4.12	295	1.071	8.21	2.424	0.74	0.6	131.3	1.3	1	20.4	<0.04	17.9	33.01	4.2	18.8	3.8
STD OREAS24P	Standard	0.159	19.5	201	4.21	300	1.097	8.30	2.470	0.72	0.5	145.2	1.7	1	21.2	<0.04	25.3	40.72	5.3	21.9	4.7
STD OREAS45P	Standard	0.048	22.4	1095	0.19	303	1.044	7.25	0.092	0.38	1.0	145.5	2.4	<1	69.2	<0.04	11.1	43.85	5.1	21.2	4.8
STD OREAS45P	Standard	0.053	25.9	1117	0.22	303	1.047	7.09	0.103	0.37	1.1	147.6	2.7	1	70.9	<0.04	14.3	52.45	6.1	22.7	4.2
STD SO-18	Standard																				
STD SO-18	Standard																				
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7
STD OREAS45P Expected		0.047	24.8	1089	0.1962	296	1.037	6.82	0.081	0.35	1.1	154	2.5		67.1	0.03	13	48.9	6	23.2	4.24
STD SO-18 Expected																					
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.10	<0.1	<0.1	<0.1
BLK	Blank	<0.001	<0.1	<1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	<0.02	<0.1	<0.1	<0.1
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.082	27.7	5	0.63	1134	0.215	7.26	2.828	3.23	0.3	10.4	1.4	3	5.5	<0.04	13.9	51.57	6.0	24.0	3.6
G1	Prep Blank	0.084	27.9	6	0.63	990	0.209	7.10	2.810	3.02	0.2	10.9	1.6	2	5.5	<0.04	13.2	50.50	5.8	23.1	3.6





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Part 3

## QUALITY CONTROL REPORT

WHI10000248.2

	Method Analyte Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	4B	4B	4B	4B
		Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	Ba	Be	Co
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	1	1	0.2
Pulp Duplicates																				
334141	Rock	<0.1	2.9	0.3	2.4	0.4	1.2	0.2	1.4	0.2	1.84	33.1	115.9	0.8	19.80	1.3	19.49	4973	8	2.8
REP 334141	QC	<0.1	3.3	0.3	2.3	0.4	1.3	0.2	1.5	0.2	1.76	32.8	114.3	0.8	19.26	1.2	19.58			
334146	Rock	5.9	105.9	18.4	96.9	17.1	41.9	4.9	28.0	3.4	0.78	14.9	53.6	12.6	194.5	0.7	27.78	311	3	0.5
REP 334146	QC	5.8	105.7	18.0	98.6	18.4	44.0	5.1	28.2	3.5	0.73	14.6	56.0	9.3	175.0	0.7	27.71			
Reference Materials																				
STD OREAS24P	Standard	1.3	4.7	0.7	4.1	0.9	2.3	0.3	1.9	0.2	3.37	8.5	19.2	1.2	18.79	0.8	18.80			
STD OREAS24P	Standard	1.6	5.2	1.0	5.3	0.9	2.7	0.3	2.0	0.3	3.60	9.1	24.1	1.3	24.69	0.9	20.16			
STD OREAS45P	Standard	0.9	3.9	0.6	3.5	0.6	1.7	0.2	1.7	0.2	4.00	16.0	21.1	1.3	18.66	2.2	22.85			
STD OREAS45P	Standard	1.1	4.0	0.7	3.9	0.7	1.7	0.3	1.8	0.2	4.07	15.5	26.0	1.3	20.00	2.2	22.35			
STD SO-18	Standard																	552	<1	27.6
STD SO-18	Standard																	571	<1	28.6
STD OREAS24P Expected		1.6	5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43			
STD OREAS45P Expected		1.1	3.8	0.59	3.6	0.65	1.7	0.24	1.6	0.24	4.12	14.7	24.6	1.2	21.6	2	22.5			
STD SO-18 Expected																		514	1	26.2
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02			
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	<0.1	<0.1	<0.04	<0.1	<0.02			
BLK	Blank																	<1	<1	<0.2
Prep Wash																				
G1	Prep Blank	0.7	3.5	0.4	2.8	0.5	1.4	0.2	1.5	0.2	0.54	38.2	115.1	1.5	26.48	4.5	17.87	N.A.	N.A.	N.A.
G1	Prep Blank	0.7	3.3	0.4	2.8	0.5	1.5	0.2	1.6	0.2	0.53	39.2	104.6	1.4	22.49	4.5	17.97	N.A.	N.A.	N.A.



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Part 4

## QUALITY CONTROL REPORT

WHI10000248.2

	Method Analyte Unit MDL	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B	4B
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02
Pulp Duplicates																				
334141	Rock	20.4	3.7	27.7	143.1	5	17.7	1.1	17.2	3.6	353	9.5	137.8	28.6	28.8	49.9	5.44	19.4	3.38	0.33
REP 334141	QC																			
334146	Rock	23.6	42.2	3490	54.9	3	53.6	167.2	2616	95.5	51	19.5	2332	426.3	206.6	709.7	105.2	513.3	106.4	5.34
REP 334146	QC																			
Reference Materials																				
STD OREAS24P	Standard																			
STD OREAS24P	Standard																			
STD OREAS45P	Standard																			
STD OREAS45P	Standard																			
STD SO-18	Standard	18.3	10.1	23.8	29.0	15	416.0	7.4	10.6	17.0	213	15.1	309.2	32.2	12.7	28.1	3.45	14.7	2.98	0.87
STD SO-18	Standard	19.0	10.1	24.8	29.7	17	422.6	7.9	11.5	17.5	222	16.1	314.8	32.9	13.0	29.2	3.53	15.3	3.06	0.91
STD OREAS24P Expected																				
STD OREAS45P Expected																				
STD SO-18 Expected		17.6	9.8	21.3	28.7	15	407.4	7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02
Prep Wash																				
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.



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**Project:** True Blue

**Report Date:** November 02, 2010

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## QUALITY CONTROL REPORT

WHI10000248.2

		Method Analyte Unit MDL	4B Tb ppm 0.01	4B Dy ppm 0.05	4B Ho ppm 0.02	4B Er ppm 0.03	4B Tm ppm 0.01	4B Yb ppm 0.05	4B Lu ppm 0.01
Pulp Duplicates									
334141	Rock		0.59	3.42	0.73	2.17	0.32	2.09	0.31
REP 334141	QC								
334146	Rock		16.82	95.15	17.23	43.64	5.39	31.99	4.05
REP 334146	QC								
Reference Materials									
STD OREAS24P	Standard								
STD OREAS24P	Standard								
STD OREAS45P	Standard								
STD OREAS45P	Standard								
STD SO-18	Standard		0.50	2.98	0.62	1.84	0.28	1.85	0.27
STD SO-18	Standard		0.52	3.12	0.65	1.92	0.29	1.92	0.30
STD OREAS24P Expected									
STD OREAS45P Expected									
STD SO-18 Expected			0.53	3	0.62	1.84	0.27	1.79	0.27
BLK	Blank								
BLK	Blank								
BLK	Blank		<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01
Prep Wash									
G1	Prep Blank		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
G1	Prep Blank		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.