



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: September 07, 2010

Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI10000257.1

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-012  
P.O. Number  
Number of Samples: 16

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
P200	16	Pulverize to 85% passing 200 mesh			VAN
Group 1T	16	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days

### ADDITIONAL COMMENTS

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



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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## CERTIFICATE OF ANALYSIS

WHI10000257.1

	Method Analyte Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		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
333061	Concentrate	6.42	13.23	34.45	122.7	<20	7.2	6.7	811	3.46	13.5	4.0	<0.1	29.2	14	0.81	2.49	0.12	34	0.11
333063	Concentrate	8.65	34.94	56.28	5575	<20	67.6	10.5	4287	4.49	20.5	4.8	<0.1	27.9	35	49.81	5.68	0.24	41	0.51
333065	Concentrate	8.39	32.19	51.47	3993	<20	57.1	10.7	3862	4.50	18.2	4.3	<0.1	25.0	35	36.33	4.93	0.20	41	0.45
333067	Concentrate	5.90	16.20	42.34	92.8	<20	4.2	6.7	1239	3.00	15.8	12.9	<0.1	39.7	113	0.77	0.95	0.38	32	0.49
333069	Concentrate	3.71	7.22	36.72	136.5	<20	19.6	8.2	1041	3.33	14.0	6.5	<0.1	29.8	230	0.97	1.01	0.14	45	1.93
333071	Concentrate	4.90	5.94	8.90	52.4	<20	16.9	7.0	621	3.42	12.6	3.8	<0.1	18.8	68	0.40	2.30	0.28	148	0.88
333073	Concentrate	6.76	2.88	3.74	46.3	<20	27.4	6.2	641	2.36	5.6	4.7	<0.1	13.9	40	0.35	0.73	0.13	229	0.38
333075	Concentrate	30.34	19.52	23.49	86.4	<20	17.7	17.5	885	8.89	20.4	7.9	<0.1	39.1	27	0.49	3.26	1.54	53	0.36
333077	Concentrate	8.15	45.19	104.3	123.6	302	46.3	14.8	399	3.97	183.3	3.2	<0.1	11.0	122	0.84	3.68	0.40	262	0.56
333079	Concentrate	13.31	14.98	302.7	1226	36	21.4	4.3	2256	5.31	116.9	5.2	<0.1	22.9	31	8.29	4.17	0.31	100	0.15
333081	Concentrate	9.33	14.19	129.8	540.3	30	19.8	3.3	1698	4.73	303.5	4.6	<0.1	15.7	38	4.01	4.94	0.38	155	1.02
333083	Concentrate	11.95	46.78	550.8	506.5	2963	13.7	4.5	1300	5.13	870.4	9.4	<0.1	27.9	24	2.45	30.84	4.41	183	0.18
333085	Concentrate	14.18	83.00	765.2	603.5	6154	25.8	11.0	2480	8.23	1320	11.5	<0.1	32.9	24	3.54	44.27	8.65	163	0.14
333087	Concentrate	22.26	71.99	626.4	1650	2411	42.9	15.6	7008	4.65	738.0	11.4	<0.1	29.0	27	16.91	30.50	4.22	182	0.19
333089	Concentrate	23.52	66.03	612.6	1899	1886	50.5	15.2	8397	4.04	654.6	11.0	<0.1	25.8	28	22.67	29.80	3.69	172	0.22
333091	Concentrate	19.19	56.89	581.2	1919	1281	57.4	16.5	8115	3.78	531.2	9.5	<0.1	22.8	28	22.20	22.98	3.29	173	0.22



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**Project:** True Blue  
**Report Date:** September 07, 2010

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## CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		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
		0.1	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
333061	Concentrate	140.6	13	0.54	1754	0.295	8.40	0.157	4.89	2.4	195.1	9.1	5	3.0	<0.04	31.1	262.1	29.2	94.2	13.2
333063	Concentrate	391.6	19	0.66	446	0.281	8.47	0.210	4.66	2.9	261.8	9.4	8	4.1	0.55	80.9	390.0	74.1	226.1	31.7
333065	Concentrate	291.6	20	0.60	773	0.271	8.37	0.216	4.53	2.7	240.5	9.0	8	3.9	0.40	63.6	330.5	56.4	180.1	25.6
333067	Concentrate	166.6	8	0.40	1345	0.619	8.10	3.787	4.33	11.2	134.5	12.7	6	3.3	<0.04	42.3	312.1	30.7	97.2	13.9
333069	Concentrate	157.9	47	0.77	1772	0.418	7.64	3.385	3.92	2.5	118.9	7.6	5	5.3	<0.04	53.6	293.5	29.8	95.3	12.5
333071	Concentrate	138.7	18	2.73	368	0.893	7.33	3.936	1.51	7.6	70.7	7.3	5	8.8	0.09	40.0	266.9	30.3	104.3	15.6
333073	Concentrate	58.4	49	0.96	522	0.153	6.97	2.808	1.81	4.6	54.0	5.2	3	7.0	<0.04	20.2	105.7	11.7	38.5	6.0
333075	Concentrate	217.1	17	0.59	444	0.464	7.56	1.758	4.34	18.9	76.3	8.2	6	3.7	0.62	60.9	424.6	46.1	156.2	22.2
333077	Concentrate	49.1	79	0.73	885	0.160	7.68	0.436	2.33	0.9	43.8	7.3	3	10.9	0.12	8.3	89.70	9.8	33.7	4.6
333079	Concentrate	111.1	19	0.61	1044	0.126	7.73	0.849	3.40	2.0	156.6	10.7	6	3.0	<0.04	23.7	217.9	23.5	80.2	12.1
333081	Concentrate	78.4	12	0.52	32	0.139	6.13	0.208	2.74	2.7	95.1	16.3	3	2.5	2.44	21.2	147.5	17.1	57.8	8.7
333083	Concentrate	98.1	15	0.40	68	0.125	6.14	0.442	2.66	2.6	105.3	21.2	4	3.0	1.36	26.4	215.2	23.7	81.7	12.0
333085	Concentrate	98.5	13	0.38	18	0.111	5.73	0.429	2.40	2.4	108.7	25.0	5	3.0	4.56	28.3	261.3	26.2	91.9	14.8
333087	Concentrate	227.2	17	0.44	146	0.109	6.20	0.500	2.55	2.5	104.8	21.2	6	3.5	0.72	42.8	508.4	44.1	143.5	19.4
333089	Concentrate	255.6	16	0.49	235	0.117	6.24	0.535	2.50	2.9	102.1	20.5	5	3.4	0.50	44.4	618.8	49.7	159.5	21.5
333091	Concentrate	249.3	18	0.51	823	0.126	6.09	0.633	2.43	2.4	105.9	17.1	6	3.4	0.26	40.3	636.3	46.4	151.7	21.5



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**Page:** 2 of 2 **Part** 3

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	Method Analyte Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs
		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	0.02	0.1	0.1	0.1	0.04	0.1
333061	Concentrate	8.7	1.5	7.4	1.2	3.1	0.4	2.9	0.4	4.33	19.0	128.5	8.3	148.8	2.4
333063	Concentrate	26.5	3.8	16.4	2.6	6.2	0.7	4.3	0.6	5.81	20.7	159.6	8.3	139.4	4.5
333065	Concentrate	22.0	3.0	13.8	2.2	4.9	0.6	3.8	0.5	5.23	19.3	154.5	7.2	128.5	4.2
333067	Concentrate	9.5	1.7	9.1	1.6	4.7	0.7	4.4	0.6	3.31	25.3	150.2	13.0	224.2	2.1
333069	Concentrate	9.9	1.7	10.0	2.0	5.2	0.7	5.1	0.7	3.20	16.8	129.0	9.8	169.2	1.5
333071	Concentrate	11.8	1.7	9.2	1.6	3.7	0.5	2.7	0.3	1.59	19.5	58.4	7.1	123.9	1.2
333073	Concentrate	4.2	0.7	3.9	0.8	2.0	0.3	1.7	0.2	1.25	20.7	69.9	2.8	58.53	1.7
333075	Concentrate	14.7	2.4	12.8	2.4	6.3	0.7	4.6	0.6	1.66	32.8	147.2	16.3	353.4	3.1
333077	Concentrate	3.4	0.5	1.8	0.3	0.8	0.1	0.9	0.1	1.22	74.0	113.9	0.4	7.20	4.8
333079	Concentrate	9.3	1.3	5.8	1.0	2.4	0.3	2.3	0.3	3.56	27.9	125.9	4.4	93.30	4.2
333081	Concentrate	5.7	1.0	4.8	0.9	2.2	0.2	1.9	0.2	2.11	33.1	127.7	4.2	84.16	6.5
333083	Concentrate	9.6	1.4	6.6	1.1	2.8	0.3	2.4	0.3	2.45	32.5	119.8	4.6	87.54	5.8
333085	Concentrate	10.4	1.5	7.5	1.2	3.0	0.4	2.6	0.3	2.48	33.3	116.4	4.4	86.51	5.3
333087	Concentrate	15.8	2.2	9.6	1.6	3.6	0.4	3.0	0.4	2.50	34.0	123.6	4.4	86.36	5.7
333089	Concentrate	16.7	2.4	10.4	1.7	4.1	0.5	3.3	0.4	2.37	33.3	118.1	4.5	89.63	5.3
333091	Concentrate	15.9	2.4	10.2	1.6	3.7	0.5	3.0	0.4	2.51	34.1	108.6	4.6	85.56	4.6



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## QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		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	0.001
Pulp Duplicates																					
333079	Concentrate	13.31	14.98	302.7	1226	36	21.4	4.3	2256	5.31	116.9	5.2	<0.1	22.9	31	8.29	4.17	0.31	100	0.15	0.064
REP 333079	QC	13.64	14.48	311.5	1281	<20	21.7	4.3	2252	5.43	121.4	5.3	<0.1	24.5	29	8.66	4.24	0.29	106	0.15	0.066
Reference Materials																					
STD OREAS24P	Standard	1.58	55.13	3.24	119.6	<20	154.0	46.9	1148	7.51	3.4	0.7	<0.1	2.9	375	0.19	0.15	<0.04	165	6.13	0.135
STD OREAS45P	Standard	2.18	754.9	24.09	149.7	286	403.0	126.1	1358	17.89	14.7	2.2	<0.1	10.2	34	0.23	0.99	0.25	277	0.32	0.046
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	0.136
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	0.047
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	<0.001
Prep Wash																					
G1	Prep Blank	0.35	3.74	22.97	52.2	<20	3.4	4.9	771	2.41	3.4	3.4	<0.1	9.7	666	0.11	0.15	0.16	50	2.26	0.082
G1	Prep Blank	0.22	2.56	20.09	51.5	<20	3.6	5.3	797	2.48	5.2	3.4	<0.1	9.6	672	0.08	0.11	0.13	50	2.41	0.082



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		La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
		ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
		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	0.1
Pulp Duplicates																					
333079	Concentrate	111.1	19	0.61	1044	0.126	7.73	0.849	3.40	2.0	156.6	10.7	6	3.0	<0.04	23.7	217.9	23.5	80.2	12.1	1.4
REP 333079	QC	118.4	17	0.62	1054	0.142	7.41	0.885	3.49	2.4	165.3	11.2	6	2.9	<0.04	25.0	234.8	26.0	85.7	12.7	1.4
Reference Materials																					
STD OREAS24P	Standard	20.2	227	4.07	299	1.142	7.77	2.400	0.66	0.4	135.3	1.7	1	19.2	<0.04	22.9	40.58	5.2	20.9	4.9	1.7
STD OREAS45P	Standard	27.2	1140	0.20	305	1.091	6.77	0.078	0.34	1.0	152.6	2.8	<1	65.6	<0.04	14.5	55.47	6.2	22.6	4.2	1.1
STD OREAS24P Expected		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	1.6
STD OREAS45P Expected		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	1.1
BLK	Blank	<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	0.31	<0.1	<0.1	<0.1	<0.1
Prep Wash																					
G1	Prep Blank	31.6	7	0.61	1025	0.267	6.93	2.575	3.18	0.1	12.4	1.6	2	5.2	<0.04	16.9	61.89	7.3	25.2	4.0	1.1
G1	Prep Blank	33.1	8	0.65	948	0.267	7.11	2.760	3.04	0.1	11.9	1.5	2	5.3	<0.04	17.8	65.39	7.5	25.4	3.8	1.1



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	Method Analyte Unit MDL	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
		Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga
		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	0.02	0.1	0.1	0.1	0.04	0.1	0.02
Pulp Duplicates																
333079	Concentrate	9.3	1.3	5.8	1.0	2.4	0.3	2.3	0.3	3.56	27.9	125.9	4.4	93.30	4.2	30.83
REP 333079	QC	9.1	1.3	6.2	1.0	2.7	0.4	2.4	0.3	4.06	28.5	131.6	5.3	103.4	4.2	31.47
Reference Materials																
STD OREAS24P	Standard	5.1	0.9	4.7	0.9	2.3	0.3	1.9	0.3	3.55	8.3	21.6	1.1	19.60	0.8	20.09
STD OREAS45P	Standard	3.9	0.6	3.5	0.7	1.8	0.2	1.8	0.2	3.74	15.8	24.2	1.2	19.62	2.2	22.42
STD OREAS24P Expected		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		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
BLK	Blank	<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
Prep Wash																
G1	Prep Blank	3.2	0.5	3.0	0.7	1.8	0.3	1.8	0.3	0.77	35.0	119.3	1.6	24.19	4.3	18.63
G1	Prep Blank	3.8	0.5	2.9	0.6	1.7	0.3	1.9	0.3	0.68	35.7	114.7	1.4	24.37	4.1	19.28