



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: July 12, 2010

Report Date: August 06, 2010

Page: 1 of 2

## CERTIFICATE OF ANALYSIS

WHI10000097.1

### CLIENT JOB INFORMATION

Project: True Blue  
Shipment ID: TB-008  
P.O. Number  
Number of Samples: 13

### 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
P200	13	Pulverize to 85% passing 200 mesh			VAN
Group 1T	13	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN
Split Reject	13	Reject sample split/packet			WHI

### ADDITIONAL COMMENTS



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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**Page:** 2 of 2 **Part** 1

## CERTIFICATE OF ANALYSIS

WHI10000097.1

	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
333027	Concentrate	3.53	32.94	70.76	181.1	113	41.8	14.5	568	4.21	37.4	4.5	<0.1	14.0	62	0.74	2.94	1.12	178	1.66
333029	Concentrate	3.45	19.25	31.76	110.4	76	30.5	15.5	753	4.49	30.1	4.2	<0.1	16.0	86	0.57	2.24	0.62	156	1.37
333037	Concentrate	3.48	26.91	39.67	291.0	38	54.9	17.4	964	3.90	34.2	4.4	<0.1	12.3	56	2.11	2.33	0.95	229	0.91
333041	Concentrate	4.81	25.84	22.97	112.4	<20	27.9	10.3	809	6.34	54.8	8.1	<0.1	29.1	132	0.49	2.74	0.50	150	2.57
333043	Concentrate	11.98	30.68	101.5	338.6	513	64.8	10.5	862	2.91	18.1	6.8	<0.1	8.6	140	2.15	7.56	0.29	422	5.33
333045	Concentrate	7.38	24.15	27.93	163.5	200	45.8	14.7	954	5.58	24.4	4.3	<0.1	10.1	68	0.41	4.28	1.25	249	2.68
333047	Concentrate	2.15	22.74	15.06	91.5	<20	33.1	16.4	764	4.10	15.5	2.2	<0.1	13.5	153	0.27	1.46	0.25	91	4.86
333049	Concentrate	8.55	9.37	38.16	158.1	<20	10.0	5.0	615	4.17	21.1	6.4	<0.1	30.4	50	0.72	1.39	0.51	49	0.27
333053	Concentrate	4.93	34.76	49.86	207.0	126	40.2	11.4	452	5.02	113.8	3.3	<0.1	9.8	35	1.04	3.61	6.74	247	0.80
333055	Concentrate	2.83	30.13	28.35	156.1	24	34.2	12.5	342	4.25	95.9	3.0	<0.1	12.7	138	0.73	1.77	1.98	157	0.52
333057	Concentrate	3.99	17.37	37.44	137.6	21	34.1	9.3	282	3.29	53.3	3.3	<0.1	13.4	46	0.81	1.59	0.81	186	0.37
333059	Concentrate	20.69	56.58	583.4	2351	1525	59.5	17.3	8776	3.84	609.8	10.2	<0.1	22.4	29	24.00	22.82	2.99	173	0.24
333039	Concentrate	4.87	19.26	122.9	121.9	145	20.8	7.6	632	3.38	101.7	3.4	<0.1	12.7	85	0.65	2.58	0.67	113	0.83



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**Project:** True Blue  
**Report Date:** August 06, 2010

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

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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
333027	Concentrate	100.0	41	1.31	1527	0.407	5.66	0.962	2.17	2.6	76.2	3.9	2	7.8	<0.04	19.3	170.4	18.1	64.8	8.5
333029	Concentrate	110.3	42	1.16	1437	0.720	6.17	1.577	2.45	5.8	105.6	4.7	1	7.9	0.04	24.8	188.6	19.9	72.8	10.4
333037	Concentrate	68.6	49	1.14	1689	0.302	6.23	1.158	2.52	2.3	76.9	3.9	3	8.8	<0.04	15.0	120.1	13.5	46.7	6.8
333041	Concentrate	252.4	36	1.51	818	0.489	6.92	1.995	2.34	14.9	107.2	7.8	5	7.1	0.06	40.5	407.2	37.8	128.2	14.8
333043	Concentrate	34.6	67	2.82	3314	0.247	6.08	0.098	2.45	2.0	85.7	2.2	3	9.1	0.07	16.8	59.28	7.6	29.7	4.7
333045	Concentrate	78.5	54	3.65	2014	0.308	5.84	0.417	1.85	2.8	61.5	2.9	2	8.8	<0.04	15.0	118.7	12.5	44.0	6.0
333047	Concentrate	57.0	56	1.57	978	0.286	7.48	0.510	2.83	1.3	80.9	2.6	3	11.3	<0.04	14.2	107.9	12.9	47.8	7.0
333049	Concentrate	122.1	16	0.56	1054	0.221	6.53	2.148	3.25	4.7	308.6	6.7	6	3.5	<0.04	32.2	233.9	24.6	93.1	13.3
333053	Concentrate	50.0	47	1.12	1587	0.265	5.61	0.501	2.47	3.3	75.3	4.0	2	8.3	0.04	12.4	90.54	10.5	40.9	5.6
333055	Concentrate	69.2	43	1.04	1076	0.289	5.67	0.789	2.23	55.3	62.2	4.2	2	8.9	<0.04	17.2	135.9	14.9	58.8	8.5
333057	Concentrate	56.0	44	1.14	1293	0.239	5.32	0.923	2.14	2.8	98.2	4.5	3	8.0	<0.04	13.4	105.0	12.1	45.6	6.5
333059	Concentrate	265.4	16	0.53	1114	0.166	5.51	0.726	2.50	3.5	130.1	16.9	5	3.8	0.27	42.4	672.2	46.2	162.2	22.2
333039	Concentrate	97.4	28	0.70	1374	0.366	6.81	2.211	3.62	4.6	77.4	5.6	2	5.7	<0.04	19.1	154.4	15.3	53.4	7.0



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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
333027	Concentrate	6.0	0.8	4.0	0.7	1.8	0.2	1.8	0.3	1.95	22.7	72.8	2.8	52.47	2.2
333029	Concentrate	7.8	1.0	6.0	1.0	2.5	0.3	2.2	0.3	2.62	22.5	76.3	4.6	81.92	2.2
333037	Concentrate	5.5	0.6	3.7	0.6	1.5	0.2	1.5	0.2	1.96	26.0	91.3	2.0	35.78	3.1
333041	Concentrate	10.6	1.5	8.9	1.6	4.2	0.5	3.8	0.5	2.59	31.2	81.4	10.7	201.9	2.1
333043	Concentrate	3.7	0.4	2.8	0.5	1.4	0.2	1.5	0.2	2.30	52.1	98.8	0.7	15.14	3.8
333045	Concentrate	4.1	0.5	3.0	0.5	1.3	0.2	1.3	0.2	1.66	57.8	73.1	0.8	14.49	2.5
333047	Concentrate	5.3	0.7	3.5	0.6	1.5	0.2	1.4	0.2	1.99	31.1	102.0	1.9	33.24	2.9
333049	Concentrate	10.3	1.4	7.5	1.3	3.4	0.5	3.3	0.5	6.74	24.4	106.8	7.8	152.1	3.2
333053	Concentrate	4.4	0.5	2.8	0.5	1.3	0.2	1.3	0.2	1.94	21.7	85.1	1.3	24.26	3.3
333055	Concentrate	6.0	0.7	4.1	0.7	1.8	0.2	1.7	0.2	1.55	32.8	82.1	1.5	27.43	5.4
333057	Concentrate	5.2	0.6	3.1	0.5	1.4	0.2	1.5	0.2	2.41	29.4	77.2	2.2	43.11	3.1
333059	Concentrate	17.6	2.2	11.1	1.7	4.1	0.5	3.1	0.4	3.01	37.6	102.1	5.6	107.5	5.1
333039	Concentrate	5.5	0.7	3.9	0.7	1.9	0.2	1.7	0.3	1.91	22.4	99.1	4.1	77.67	2.9



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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																					
333039	Concentrate	4.87	19.26	122.9	121.9	145	20.8	7.6	632	3.38	101.7	3.4	<0.1	12.7	85	0.65	2.58	0.67	113	0.83	0.103
REP 333039	QC	4.68	16.47	124.6	113.9	101	20.0	7.7	636	3.34	98.9	3.3	<0.1	12.7	83	0.71	2.43	1.57	112	0.81	0.098
Reference Materials																					
STD OREAS24P	Standard	1.51	47.59	2.74	116.0	<20	146.8	46.5	1137	7.98	1.9	0.6	<0.1	2.6	395	0.21	0.12	0.05	158	6.08	0.142
STD OREAS45P	Standard	2.10	756.6	22.15	150.5	341	387.2	122.1	1335	19.57	12.7	2.2	<0.1	10.0	32	0.20	0.81	0.28	266	0.32	0.052
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	0.22	2.69	17.13	51.8	<20	3.7	4.6	757	2.21	0.6	3.0	<0.1	8.9	659	0.09	0.09	0.16	49	2.35	0.086
G1	Prep Blank	0.21	2.42	18.04	47.6	<20	3.2	5.5	735	2.16	0.5	3.3	<0.1	8.5	702	0.07	0.08	0.16	47	2.38	0.081



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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
		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																					
333039	Concentrate	97.4	28	0.70	1374	0.366	6.81	2.211	3.62	4.6	77.4	5.6	2	5.7	<0.04	19.1	154.4	15.3	53.4	7.0	1.0
REP 333039	QC	101.3	28	0.70	1284	0.359	6.64	2.191	3.44	4.8	75.4	5.5	2	5.6	<0.04	17.9	160.0	15.3	52.6	6.7	0.8
Reference Materials																					
STD OREAS24P	Standard	17.3	197	4.20	268	1.050	8.09	2.460	0.71	0.5	134.9	1.7	<1	20.7	<0.04	20.8	35.61	4.6	20.7	4.6	1.6
STD OREAS45P	Standard	23.1	1069	0.21	280	1.041	6.97	0.092	0.38	1.1	150.8	2.7	<1	70.2	<0.04	12.8	46.41	5.7	23.0	4.1	1.0
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	0.20	<0.1	<0.1	<0.1	<0.1
Prep Wash																					
G1	Prep Blank	28.6	11	0.62	991	0.223	6.95	2.720	2.97	0.4	10.4	1.6	3	5.6	<0.04	14.6	57.51	6.9	26.5	4.0	0.8
G1	Prep Blank	27.2	12	0.59	969	0.215	7.12	2.865	3.00	0.4	11.1	1.6	3	5.3	<0.04	15.3	52.45	6.3	24.2	4.1	0.9



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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																
333039	Concentrate	5.5	0.7	3.9	0.7	1.9	0.2	1.7	0.3	1.91	22.4	99.1	4.1	77.67	2.9	21.00
REP 333039	QC	5.2	0.7	4.0	0.7	2.0	0.3	1.7	0.3	1.82	21.8	96.1	4.0	72.76	2.8	19.89
Reference Materials																
STD OREAS24P	Standard	5.0	0.7	4.5	0.8	2.0	0.3	1.7	0.2	3.21	7.9	21.2	1.1	19.85	0.8	20.45
STD OREAS45P	Standard	3.6	0.6	3.4	0.6	1.7	0.2	1.6	0.2	3.98	16.6	23.8	1.3	19.64	2.1	23.95
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	0.5	<0.1	<0.04	<0.1	<0.02
Prep Wash																
G1	Prep Blank	3.7	0.5	2.8	0.5	1.5	0.2	1.6	0.3	0.55	39.6	125.3	1.5	25.73	4.6	18.35
G1	Prep Blank	3.2	0.4	2.7	0.5	1.5	0.2	1.6	0.3	0.58	36.3	129.6	1.4	25.31	4.9	18.25