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Acme Analytical Laboratories (Vancouver) Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Pika Exploration Inc**
Box 218
Carcross YT Y0B 1B0 Canada

Submitted By: Crispin Studer
Receiving Lab: Canada-Whitehorse
Received: July 03, 2013
Report Date: July 15, 2013
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI13000079.1

CLIENT JOB INFORMATION

Project: HAX
Shipment ID: Pika 02
P.O. Number
Number of Samples: 5

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

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

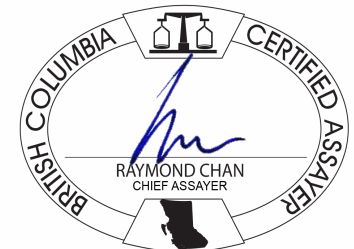
Invoice To: Pika Exploration Inc
Box 218
Carcross YT Y0B 1B0
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	5	Crush, split and pulverize 250 g rock to 200 mesh			WHI
G601	5	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
1F02	5	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN

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. Results apply to samples as submitted. *** 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 of 1

CERTIFICATE OF ANALYSIS

WHI13000079.1

Method	WGHT	G6	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	
1391401	Rock	1.28	0.012	0.77	1602	9444	6242	38874	19.6	3.9	1957	7.58	927.0	2.9	5.6	0.4	4.9	22.52	455.1	114.9	60
1391402	Rock	1.25	0.065	0.90	36.31	11.82	21.1	203	10.2	4.2	252	1.57	4.8	0.6	52.9	2.1	161.2	0.14	1.57	1.05	20
1391403	Rock	1.40	0.005	1.74	151.5	37.04	61.6	714	24.2	12.2	105	2.11	84.4	0.5	5.5	1.5	91.2	0.32	2.26	0.76	43
1391404	Rock	2.45	0.013	2.56	129.1	3.13	73.1	345	57.6	20.2	158	3.80	20.1	1.0	12.7	2.5	70.1	0.22	1.87	0.32	65
1391405	Rock	1.53	0.010	1.43	69.88	3.06	20.2	219	23.7	7.5	61	2.13	192.1	0.6	7.9	1.5	21.9	0.05	8.04	0.13	55



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Page: 2 of 2

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WHI1300079.1

Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	
MDL	0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	
1391401	Rock	0.14	0.086	5.3	24.6	1.22	6.4	0.005	1	2.33	<0.001	0.05	7.0	4.2	0.06	<0.02	52	<0.1	0.66	13.5
1391402	Rock	2.69	0.110	10.2	12.9	0.13	34.1	0.090	5	2.67	0.246	0.07	0.3	1.3	0.02	0.23	<5	0.4	<0.02	6.5
1391403	Rock	1.00	0.104	6.4	26.2	0.32	56.2	0.129	5	1.60	0.254	0.26	0.6	1.5	0.30	0.59	10	0.5	0.10	4.8
1391404	Rock	0.66	0.105	5.6	40.7	1.07	42.2	0.036	6	1.57	0.099	0.25	<0.1	6.3	0.20	1.68	7	1.2	0.07	5.1
1391405	Rock	0.18	0.060	2.9	44.0	0.49	29.2	0.087	7	0.80	0.087	0.26	0.2	2.6	0.11	0.44	5	1.1	0.21	2.4



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QUALITY CONTROL REPORT

WHI13000079.1

Method	WGHT	G6	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.005	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	
Pulp Duplicates																					
1391404	Rock	2.45	0.013	2.56	129.1	3.13	73.1	345	57.6	20.2	158	3.80	20.1	1.0	12.7	2.5	70.1	0.22	1.87	0.32	65
REP 1391404	QC	0.016																			
1391405	Rock	1.53	0.010	1.43	69.88	3.06	20.2	219	23.7	7.5	61	2.13	192.1	0.6	7.9	1.5	21.9	0.05	8.04	0.13	55
REP 1391405	QC	0.010																			
Reference Materials																					
STD DS9	Standard	13.08 105.9 129.3 315.8 1814 38.9 7.8 601 2.34 25.3 2.8 123.0 6.0 67.1 2.30 6.04 6.14 40																			
STD OXC109	Standard	0.210																			
STD OXL93	Standard	5.927																			
STD SG56	Standard	1.048																			
STD OXC109 Expected		0.201																			
STD SG56 Expected		1.027																			
STD OXL93 Expected		5.841																			
STD DS9 Expected		12.84 108 126 317 1830 40.3 7.6 575 2.33 25.5 2.69 118 6.38 69.6 2.4 4.94 6.32 40																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.01 <0.01 0.01 <0.1 <2 <0.1 <0.1 <1 <0.01 0.1 <0.1 <0.2 <0.1 <0.5 <0.01 <0.02 <0.02 <2																			
Prep Wash																					
G1-WHI	Prep Blank	<0.005 0.10 3.38 3.16 44.5 21 2.6 4.0 562 2.00 0.3 1.8 1.0 5.3 54.1 0.01 0.03 0.18 36																			

QUALITY CONTROL REPORT

WHI13000079.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
MDL		0.01	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Pulp Duplicates																				
1391404	Rock	0.66	0.105	5.6	40.7	1.07	42.2	0.036	6	1.57	0.099	0.25	<0.1	6.3	0.20	1.68	7	1.2	0.07	5.1
REP 1391404	QC																			
1391405	Rock	0.18	0.060	2.9	44.0	0.49	29.2	0.087	7	0.80	0.087	0.26	0.2	2.6	0.11	0.44	5	1.1	0.21	2.4
REP 1391405	QC	0.18	0.068	2.9	46.7	0.49	31.1	0.089	7	0.82	0.091	0.27	0.2	2.7	0.12	0.44	6	1.0	0.20	2.3
Reference Materials																				
STD DS9	Standard	0.71	0.080	13.0	114.4	0.61	301.1	0.113	2	0.93	0.080	0.40	3.0	2.1	5.09	0.17	206	4.8	5.22	4.3
STD OXC109	Standard																			
STD OXL93	Standard																			
STD SG56	Standard																			
STD OXC109 Expected																				
STD SG56 Expected																				
STD OXL93 Expected																				
STD DS9 Expected		0.7201	0.0819	13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
Prep Wash																				
G1-WHI	Prep Blank	0.51	0.073	10.6	5.4	0.53	153.8	0.114	1	0.93	0.080	0.50	<0.1	1.9	0.32	<0.02	<5	<0.1	<0.02	4.9