

CERTIFICATE OF ANALYSIS

WHI13000545.2

CLIENT JOB INFORMATION

Project: HAX
Shipment ID: 4
P.O. Number
Number of Samples: 3

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
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	3	Crush, split and pulverize 250 g rock to 200 mesh			WHI
G601	3	Lead Collection Fire - Assay Fusion - AAS Finish	30	Completed	VAN
1F02	3	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
7AR	2	1:1:1 Aqua Regia digestion ICP-ES analysis	0.4	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : 7AR-Cu included.





www.acmelab.com

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

Project: HAX
 Report Date: December 04, 2013

Page: 2 of 2

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI13000545.2

Method	WGHT	G6	1F15	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	
1395051	Rock	0.91	<0.005	0.54	>10000	5.22	414.2	2696	10.3	7.2	1824	1.64	29.5	3.9	0.8	1.6	67.4	6.29	11.33	0.30	23
1395052	Rock	1.68	0.018	3.05	1779.40	9.35	58.5	3423	17.5	47.3	1540	17.28	25.4	1.0	6.7	0.6	13.3	0.64	2.51	1.45	33
1395053	Rock	1.28	0.018	200.66	>10000	11.85	290.1	2402	13.0	23.9	3475	13.06	43.2	3.6	12.7	0.9	24.2	5.48	0.62	8.98	30



www.acmelab.com

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

Project: HAX
 Report Date: December 04, 2013

Page: 2 of 2

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI13000545.2

Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7AR	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cu	
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	0.001	
1395051	Rock	5.61	0.099	24.4	15.1	0.12	47.3	0.064	11	0.76	0.011	0.03	0.8	1.9	0.03	<0.02	<5	0.1	0.03	2.5	0.958
1395052	Rock	3.89	0.091	2.5	17.6	0.05	22.8	0.023	2	1.06	0.005	0.02	8.8	1.6	0.52	8.46	<5	11.8	0.09	4.6	
1395053	Rock	14.44	0.066	9.6	26.8	0.07	32.7	0.023	3	1.17	0.001	0.02	9.6	4.2	0.22	0.05	<5	1.1	0.63	5.5	1.771



www.acmelab.com

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

Project: HAX
 Report Date: December 04, 2013

Page: 1 of 1

Part: 1 of 2

QUALITY CONTROL REPORT

WHI13000545.2

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																					
1395053	Rock	1.28	0.018	200.66	>10000	11.85	290.1	2402	13.0	23.9	3475	13.06	43.2	3.6	12.7	0.9	24.2	5.48	0.62	8.98	30
REP 1395053	QC			220.84	>10000	12.63	308.9	2567	14.1	27.5	3911	14.37	47.2	3.9	14.6	0.9	26.9	6.02	0.53	9.84	34
Reference Materials																					
STD DS10	Standard			15.73	169.18	152.28	340.2	2106	72.9	12.8	918	2.91	50.7	2.7	101.7	8.3	62.7	2.67	8.62	11.80	46
STD GC-7	Standard																				
STD OREAS133B	Standard																				
STD OXC109	Standard		0.214																		
STD OXC109	Standard		0.206																		
STD OXC109	Standard			1.56	37.81	11.05	39.9	31	71.9	20.3	427	3.02	0.6	0.6	205.5	1.6	152.7	0.05	0.04	0.15	51
STD OXI96	Standard		1.800																		
STD OXI96	Standard		1.870																		
STD OXL93	Standard		6.003																		
STD OXL93	Standard		5.875																		
STD OXI96 Expected			1.802																		
STD OXL93 Expected			5.841																		
STD DS10 Expected			14.69	154.61	150.55	352.9	1960	74.6	12.9	861	2.7188	43.7	2.59	91.9	7.5	67.1	2.48	9.51	11.65	43	
STD OXC109 Expected		0.201												201							
STD GC-7 Expected																					
STD OREAS133B Expected																					
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank	<0.005																			
BLK	Blank		0.02	3.43	<0.01	<0.1	2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2
BLK	Blank																				
Prep Wash																					
G1-WHI	Prep Blank	<0.005	0.11	3.60	6.76	47.5	43	3.4	3.9	612	2.21	0.6	2.1	1.6	6.7	60.0	0.07	0.03	0.18	40	

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.



www.acmelab.com

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

Project: HAX
 Report Date: December 04, 2013

Page: 1 of 1

Part: 2 of 2

QUALITY CONTROL REPORT

WHI13000545.2

Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7AR	
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cu	
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	0.001	
Pulp Duplicates																					
1395053	Rock	14.44	0.066	9.6	26.8	0.07	32.7	0.023	3	1.17	0.001	0.02	9.6	4.2	0.22	0.05	<5	1.1	0.63	5.5	1.771
REP 1395053	QC	15.86	0.071	10.2	28.8	0.08	35.2	0.025	5	1.27	0.002	0.03	10.0	4.4	0.23	0.05	<5	1.2	0.74	5.9	1.777
Reference Materials																					
STD DS10	Standard	1.12	0.080	17.8	53.8	0.81	375.4	0.082	6	1.11	0.068	0.35	3.3	2.9	5.15	0.30	309	2.5	5.09	4.5	
STD GC-7	Standard																				0.568
STD OREAS133B	Standard																				0.033
STD OXC109	Standard																				
STD OXC109	Standard																				
STD OXC109	Standard	0.75	0.109	12.3	57.9	1.48	63.9	0.395	<1	1.62	0.693	0.43	0.2	1.0	0.02	<0.02	<5	<0.1	<0.02	5.5	
STD OXI96	Standard																				
STD OXI96	Standard																				
STD OXL93	Standard																				
STD OXL93	Standard																				
STD OXI96 Expected																					
STD OXL93 Expected																					
STD DS10 Expected		1.0355	0.073	17.5	54.6	0.7651	349	0.0817		1.0259	0.0638	0.3245	3.34	2.8	4.79	0.2743	289	2.3	4.89	4.3	
STD OXC109 Expected																					
STD GC-7 Expected																					0.555
STD OREAS133B Expected																					0.032
BLK	Blank																				
BLK	Blank																				
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	
BLK	Blank																				<0.001
Prep Wash																					
G1-WHI	Prep Blank	0.54	0.076	15.4	5.5	0.56	186.2	0.121	1	1.06	0.093	0.55	<0.1	2.7	0.34	<0.02	<5	<0.1	<0.02	5.3	

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.