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

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Submitted By: Mike Power
Receiving Lab: Canada-Whitehorse
Received: June 17, 2013
Report Date: June 25, 2013
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CERTIFICATE OF ANALYSIS

WHI13000044.1

CLIENT JOB INFORMATION

Project: PRL-13523-YT
Shipment ID: RC-2013-01
P.O. Number
Number of Samples: 11

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: Aurora Geosciences Ltd. (Yellowknife)
3506 McDonald Drive
Yellowknife NT X1A 2H1
CANADA

CC: Mike Wark

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	11	Dry at 60C			WHI
SS80	11	Dry at 60C sieve 100g to -80 mesh			WHI
1F03	10	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	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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CERTIFICATE OF ANALYSIS

WHI1300044.1

Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	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	0.01	0.001	
K948151	Sediment	0.85	18.87	11.09	109.3	194	26.9	6.7	1216	1.82	18.1	1.1	7.3	3.2	50.2	0.48	1.02	0.13	27	0.67	0.118
K948155	Sediment	0.49	12.86	7.81	85.1	133	22.0	6.4	504	1.50	15.0	0.8	6.0	2.9	35.3	0.41	0.92	0.09	21	0.43	0.089
K948156	Sediment	4.40	14.66	9.99	72.4	144	19.2	7.0	3966	12.94	730.9	0.9	3.8	2.2	162.6	0.45	0.69	0.10	14	1.76	0.104
K948157	Sediment	0.92	19.20	9.83	99.5	191	30.1	8.6	1819	2.07	25.8	1.1	4.3	3.4	50.8	0.62	0.78	0.13	27	0.68	0.096
K948172	Sediment	0.78	14.83	5.05	69.5	161	15.7	4.2	197	1.01	4.7	1.1	3.6	2.9	42.8	0.35	0.90	0.06	18	0.45	0.098
L859053	Sediment	0.38	9.99	5.25	71.9	106	15.4	4.0	569	0.92	3.6	1.2	3.7	2.3	46.9	0.57	0.46	0.06	22	0.58	0.104
L859054	Sediment	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L859057	Sediment	2.42	17.42	30.42	155.0	172	34.5	11.0	2143	1.96	9.0	1.6	3.4	3.1	44.0	0.75	2.14	0.14	32	0.60	0.112
L859060	Sediment	0.66	24.76	11.13	96.6	241	25.1	6.4	126	1.39	6.4	1.0	3.2	2.8	46.3	0.59	1.11	0.13	26	0.58	0.108
L859096	Sediment	0.66	10.55	8.27	73.6	106	16.8	4.8	390	1.11	4.8	1.2	2.2	2.8	41.4	0.42	0.76	0.14	21	0.52	0.119
K948185	Sediment	0.77	24.95	8.94	75.8	319	23.9	5.2	468	1.38	5.3	1.7	2.2	0.9	145.0	1.09	0.91	0.14	21	4.34	0.062

CERTIFICATE OF ANALYSIS

WHI1300044.1

Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	
Analyte	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	0.5	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	
K948151	Sediment	13.9	20.4	0.44	373.2	0.013	<1	0.73	0.006	0.09	0.1	1.9	0.09	0.05	96	1.0	0.06	1.9
K948155	Sediment	11.0	18.6	0.39	215.3	0.010	1	0.68	0.004	0.06	<0.1	1.5	0.07	0.06	77	0.5	0.06	1.8
K948156	Sediment	7.4	13.1	0.30	540.7	0.008	2	0.44	0.006	0.06	0.1	1.5	0.06	0.08	75	1.4	0.04	1.3
K948157	Sediment	14.2	22.1	0.46	377.5	0.014	3	0.84	0.007	0.09	0.1	2.2	0.09	0.07	108	1.6	0.06	2.1
K948172	Sediment	12.9	10.3	0.24	214.9	0.012	<1	0.44	0.006	0.05	0.1	1.0	0.06	0.03	99	0.7	<0.02	1.4
L859053	Sediment	10.8	15.9	0.31	296.2	0.011	1	0.56	0.005	0.06	<0.1	1.3	0.06	0.04	61	0.4	0.06	1.8
L859054	Sediment	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
L859057	Sediment	12.6	28.6	0.48	473.6	0.018	2	0.84	0.007	0.12	0.2	1.7	0.09	0.05	46	0.7	0.09	2.4
L859060	Sediment	13.0	19.7	0.39	304.1	0.011	2	0.73	0.006	0.08	0.1	2.0	0.08	0.05	132	0.9	0.03	2.1
L859096	Sediment	12.2	13.7	0.28	235.3	0.011	<1	0.50	0.004	0.05	0.2	1.2	0.06	0.02	81	0.4	<0.02	1.6
K948185	Sediment	7.6	13.3	0.43	274.8	0.010	7	0.69	0.020	0.08	<0.1	1.4	0.08	0.11	89	2.1	0.04	1.8



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QUALITY CONTROL REPORT

WHI1300044.1

Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	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	0.01	0.001	
Reference Materials																					
STD DS11	Standard	13.83	138.0	134.7	281.4	1578	71.9	12.9	923	2.77	36.5	2.6	71.4	7.6	64.9	2.08	8.78	11.27	42	0.94	0.061
STD DS9	Standard	12.38	110.3	141.2	292.0	1662	40.6	7.7	536	2.15	24.4	3.0	116.5	6.6	72.6	2.29	6.42	7.32	35	0.66	0.074
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	0.7201	0.0819
BLK	Blank	<0.01	<0.01	<0.01	<0.1	4	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



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Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	
Analyte	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	0.5	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	
Reference Materials																		
STD DS11	Standard	17.0	54.2	0.75	345.2	0.086	5	1.04	0.062	0.36	2.9	2.7	4.02	0.24	229	1.8	3.99	4.4
STD DS9	Standard	12.9	110.6	0.57	297.6	0.109	1	0.89	0.080	0.38	3.1	2.1	5.02	0.15	212	4.3	5.04	4.3
STD DS9 Expected		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	<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