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Client: **Pacific Ridge Exploration Ltd.**
Suite 1100, 1111 Melville St,
Vancouver BC V6E 3V6 CANADA

Submitted By: Gerry Carlson
Receiving Lab: Canada-Whitehorse
Received: September 18, 2013
Report Date: October 03, 2013
Page: 1 of 3

CERTIFICATE OF ANALYSIS

WHI13000436.1

CLIENT JOB INFORMATION

Project: MPA
Shipment ID: MPAGP13-004
P.O. Number
Number of Samples: 52

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
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: Pacific Ridge Exploration Ltd.
Suite 1100, 1111 Melville St,
Vancouver BC V6E 3V6
CANADA

CC: John Brock

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	50	Crush, split and pulverize 250 g rock to 200 mesh			WHI
G601	52	Fire Assay Fusion Au - AAS Finish	30	Completed	VAN
1DX1	52	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	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.

CERTIFICATE OF ANALYSIS

WHI13000436.1

Method	WGHT	G6	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
1374252	Rock	0.94	0.192	20.5	122.2	11.0	85	1.2	80.9	21.8	1253	5.07	2.2	147.6	5.0	174	0.2	0.2	0.2	38	3.12
1374253	Rock	0.60	0.007	1.9	8.5	5.4	103	0.1	74.5	25.6	1567	5.19	1.4	8.7	12.8	128	0.6	0.1	<0.1	52	2.62
1374254	Rock	0.48	<0.005	1.0	7.2	12.5	122	<0.1	314.6	47.8	1847	5.67	3.3	6.8	20.0	562	0.7	0.2	<0.1	71	8.71
1374255	Rock	0.73	<0.005	0.3	1.9	2.7	114	<0.1	8.9	16.4	957	2.61	<0.5	3.4	3.8	14	<0.1	<0.1	<0.1	44	0.41
1374256	Rock	0.87	<0.005	1.0	4.2	4.5	125	<0.1	12.0	16.2	1127	3.03	<0.5	5.5	2.0	31	<0.1	<0.1	<0.1	42	0.90
1374257	Rock	0.83	<0.005	0.2	5.7	3.9	111	<0.1	13.3	15.9	1286	2.90	<0.5	1.8	2.0	23	0.1	0.1	<0.1	45	0.79
1374258	Rock	0.78	<0.005	0.2	7.4	5.0	126	<0.1	20.1	20.2	1530	3.68	0.8	1.3	1.9	21	0.3	0.1	<0.1	60	0.85
1374259	Rock	0.98	0.006	0.3	5.3	3.2	65	<0.1	8.8	10.5	928	2.16	<0.5	0.8	1.0	13	0.1	0.2	<0.1	44	0.38
1374260	Rock	0.74	0.007	0.5	1.7	3.9	81	<0.1	17.6	16.9	1180	2.97	<0.5	4.7	1.5	35	0.1	<0.1	<0.1	58	1.71
1374261	Rock	0.97	0.006	0.3	2.6	2.7	24	<0.1	3.5	3.6	416	1.04	<0.5	3.9	0.3	19	<0.1	<0.1	<0.1	13	0.17
1374262	Rock	0.80	0.009	0.6	4.7	2.6	112	0.1	8.0	16.7	1376	3.43	<0.5	5.0	3.2	15	<0.1	<0.1	<0.1	42	0.45
1374263	Rock	0.95	0.015	1.1	6.1	3.2	103	0.2	9.4	14.6	1300	3.66	<0.5	9.8	3.9	14	<0.1	0.2	<0.1	55	0.32
1374264	Rock	0.74	0.235	3.2	20.2	6.4	83	0.5	11.5	14.3	1241	3.73	1.5	170.1	2.4	30	0.2	0.2	<0.1	45	0.98
1374265	Rock	0.93	3.488	33.2	124.7	8.5	69	4.4	16.1	14.2	1625	3.89	2.8	1719	1.5	25	0.4	0.4	0.8	29	0.80
1374266	Rock	0.75	0.013	0.2	2.0	2.8	201	<0.1	6.9	22.6	1528	3.58	0.5	11.4	1.1	15	0.1	<0.1	<0.1	65	0.39
1374267	Rock	0.76	0.006	0.2	4.8	2.0	130	<0.1	5.7	18.2	1249	3.07	<0.5	2.2	1.7	20	0.2	<0.1	<0.1	61	0.59
1374268	Rock	0.79	<0.005	0.2	4.6	1.3	102	<0.1	5.2	15.9	1100	2.72	0.8	2.8	2.7	12	0.1	<0.1	<0.1	60	0.40
1374269	Rock	0.77	0.013	<0.1	13.2	2.8	176	0.2	7.3	19.0	1426	3.66	0.7	18.3	3.8	17	<0.1	<0.1	<0.1	67	0.52
1374270	Rock	0.60	<0.005	0.2	3.3	1.3	95	<0.1	4.3	11.9	833	2.30	1.4	1.3	2.7	8	<0.1	<0.1	<0.1	42	0.26
1374271	Rock	0.74	0.006	0.2	2.4	2.8	236	<0.1	7.0	25.3	1487	4.18	0.8	3.8	2.0	13	<0.1	0.2	<0.1	97	0.38
1374272	Rock	0.55	0.008	0.4	5.4	3.2	93	<0.1	8.1	16.1	996	3.07	1.9	1.7	1.7	13	0.1	<0.1	<0.1	59	0.36
1374273	Rock	0.88	<0.005	0.2	20.2	3.1	76	<0.1	7.5	14.7	426	3.41	1.1	<0.5	4.3	14	<0.1	<0.1	<0.1	78	0.64
1374274	Rock	0.78	0.007	0.3	11.1	3.0	74	<0.1	13.6	16.4	364	3.75	0.9	<0.5	2.6	20	<0.1	<0.1	<0.1	80	0.63
1374275	Rock	1.07	0.006	0.6	53.5	3.2	91	<0.1	9.3	19.6	713	4.32	<0.5	1.5	3.1	21	<0.1	<0.1	<0.1	78	0.80
1374276	Rock	0.37	0.010	2.0	46.9	5.5	68	0.3	190.8	34.4	1135	4.45	4.8	2.4	9.2	277	0.2	0.5	<0.1	57	4.88
1374277	Rock	0.49	0.011	0.4	30.0	6.5	88	0.1	518.6	53.2	1449	5.31	0.8	1.0	17.4	673	0.3	<0.1	<0.1	106	8.30
1374278	Rock	0.91	0.009	1.0	70.9	7.8	85	0.3	290.6	40.7	1412	5.28	3.8	1.4	11.3	437	0.4	0.1	<0.1	93	5.32
1374279	Rock	0.64	0.009	2.2	16.8	3.4	85	<0.1	9.9	6.7	611	2.75	0.9	2.0	6.3	16	0.1	0.1	<0.1	14	0.25
1374280	Rock	0.86	0.017	0.6	64.9	4.1	34	0.2	6.7	4.9	494	2.07	<0.5	4.1	4.4	10	0.2	0.2	<0.1	9	0.23
1374281	Rock	0.82	0.011	1.6	123.0	5.2	60	0.3	11.4	16.0	684	3.82	1.8	2.1	2.9	15	0.1	0.2	<0.1	26	1.39

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1374252	Rock	0.268	28	26	1.64	1143	0.002	<20	0.91	0.027	0.20	<0.1	0.01	16.7	<0.1	<0.05	1	<0.5	0.4
1374253	Rock	0.328	44	30	1.12	1425	0.005	<20	0.75	0.017	0.25	0.1	<0.01	15.2	<0.1	<0.05	2	<0.5	<0.2
1374254	Rock	0.926	75	171	3.88	827	0.010	<20	0.62	0.015	0.28	0.1	<0.01	18.8	<0.1	<0.05	2	0.6	<0.2
1374255	Rock	0.097	17	10	1.18	302	0.071	<20	1.22	0.043	0.35	<0.1	<0.01	17.0	<0.1	<0.05	5	<0.5	<0.2
1374256	Rock	0.043	10	17	1.01	362	0.009	<20	1.15	0.020	0.24	<0.1	<0.01	14.3	0.1	<0.05	3	0.7	<0.2
1374257	Rock	0.048	10	20	0.90	325	0.014	<20	0.90	0.035	0.17	<0.1	<0.01	14.6	<0.1	<0.05	3	<0.5	<0.2
1374258	Rock	0.067	11	35	1.36	401	0.028	<20	1.38	0.031	0.26	<0.1	<0.01	20.0	<0.1	<0.05	5	<0.5	<0.2
1374259	Rock	0.053	6	25	0.50	278	0.034	<20	0.70	0.063	0.21	<0.1	<0.01	9.5	<0.1	<0.05	3	<0.5	<0.2
1374260	Rock	0.045	8	20	0.97	476	0.022	<20	0.99	0.026	0.29	<0.1	0.01	13.7	<0.1	<0.05	3	<0.5	<0.2
1374261	Rock	0.040	2	7	0.15	179	0.005	<20	0.36	0.058	0.10	<0.1	<0.01	3.4	<0.1	<0.05	1	<0.5	<0.2
1374262	Rock	0.103	17	6	0.65	672	0.028	<20	1.08	0.031	0.27	<0.1	<0.01	19.5	<0.1	<0.05	4	0.7	<0.2
1374263	Rock	0.088	17	11	0.71	491	0.033	<20	1.09	0.045	0.20	<0.1	<0.01	16.5	<0.1	<0.05	5	0.7	<0.2
1374264	Rock	0.072	13	10	0.40	429	0.011	<20	0.49	0.035	0.16	<0.1	<0.01	16.8	<0.1	<0.05	1	<0.5	<0.2
1374265	Rock	0.049	9	11	0.24	656	0.002	<20	0.45	0.008	0.19	<0.1	0.04	17.3	0.1	<0.05	1	<0.5	1.7
1374266	Rock	0.080	7	10	0.87	530	0.059	<20	1.19	0.033	0.57	<0.1	<0.01	21.9	0.1	<0.05	5	<0.5	<0.2
1374267	Rock	0.079	8	17	1.14	305	0.062	<20	1.10	0.050	0.28	<0.1	<0.01	21.1	<0.1	<0.05	5	0.7	<0.2
1374268	Rock	0.091	11	23	1.33	285	0.118	<20	1.33	0.062	0.56	<0.1	<0.01	15.4	0.1	<0.05	6	<0.5	<0.2
1374269	Rock	0.086	23	14	1.74	516	0.103	<20	1.77	0.033	0.71	<0.1	<0.01	14.7	0.1	<0.05	9	<0.5	<0.2
1374270	Rock	0.084	11	10	1.13	126	0.056	<20	1.04	0.069	0.13	<0.1	<0.01	9.4	<0.1	<0.05	5	0.7	<0.2
1374271	Rock	0.088	11	28	2.65	336	0.096	<20	2.17	0.045	0.50	<0.1	<0.01	25.5	<0.1	<0.05	10	<0.5	<0.2
1374272	Rock	0.066	9	14	0.92	181	0.048	<20	1.00	0.059	0.14	<0.1	<0.01	14.3	<0.1	<0.05	5	0.6	<0.2
1374273	Rock	0.115	18	13	1.05	274	0.114	<20	1.52	0.073	0.17	<0.1	<0.01	9.8	<0.1	<0.05	7	<0.5	<0.2
1374274	Rock	0.117	12	18	1.04	375	0.175	<20	1.58	0.043	0.33	<0.1	<0.01	8.2	<0.1	<0.05	7	<0.5	<0.2
1374275	Rock	0.116	15	10	1.57	642	0.080	<20	2.40	0.025	0.59	<0.1	<0.01	7.4	0.1	<0.05	8	0.5	<0.2
1374276	Rock	0.576	58	96	1.80	2063	0.024	<20	1.10	0.026	0.36	<0.1	<0.01	15.8	0.1	<0.05	3	<0.5	<0.2
1374277	Rock	0.797	100	702	7.79	2934	0.043	<20	2.64	0.065	0.43	<0.1	<0.01	18.5	<0.1	<0.05	7	<0.5	<0.2
1374278	Rock	0.617	80	381	4.12	3329	0.039	<20	2.24	0.062	0.61	<0.1	<0.01	19.1	0.2	0.07	7	0.6	<0.2
1374279	Rock	0.074	27	10	0.19	327	0.009	<20	0.72	0.042	0.21	<0.1	<0.01	4.5	<0.1	<0.05	2	<0.5	<0.2
1374280	Rock	0.066	21	6	0.15	230	0.005	<20	0.66	0.024	0.24	<0.1	<0.01	3.2	<0.1	<0.05	1	<0.5	<0.2
1374281	Rock	0.091	13	17	0.63	283	0.005	<20	1.42	0.013	0.34	<0.1	<0.01	6.6	<0.1	0.12	3	<0.5	<0.2

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Method	WGHT	G6	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
1374282	Rock	0.86	0.009	2.5	16.7	5.2	63	0.2	12.7	16.9	583	3.72	1.4	7.7	2.0	15	<0.1	<0.1	0.1	23	1.27
1374283	Rock	0.80	0.088	26.5	12.3	4.2	72	0.3	19.3	14.6	863	3.24	1.0	83.5	2.2	27	0.2	<0.1	0.2	22	1.36
1266796	Rock Pulp	0.06	0.009	2.3	21.5	2.3	40	0.3	22.3	9.5	378	2.29	4.5	5.0	0.8	40	0.2	0.3	<0.1	57	0.82
1374285	Rock	0.78	<0.005	0.2	4.2	2.2	201	<0.1	7.1	28.6	1307	4.17	1.2	3.0	2.6	12	<0.1	<0.1	<0.1	115	0.39
1374286	Rock	0.74	0.031	0.2	4.1	2.5	132	<0.1	7.2	20.0	1765	3.40	1.0	16.2	2.2	18	<0.1	<0.1	<0.1	72	0.50
1374287	Rock	0.65	0.009	<0.1	6.1	1.7	225	0.1	6.4	26.4	1159	4.70	0.7	2.5	1.2	12	<0.1	<0.1	<0.1	134	0.36
1374288	Rock	0.84	<0.005	0.2	3.3	1.5	147	<0.1	5.6	14.7	747	2.96	<0.5	<0.5	1.6	18	<0.1	<0.1	<0.1	83	0.27
1374289	Rock	0.83	<0.005	0.2	2.8	2.2	105	<0.1	4.9	11.3	1112	3.54	1.0	2.8	4.4	15	<0.1	<0.1	<0.1	50	0.23
1266797	Rock Pulp	0.05	0.467	4.2	34.9	5.8	52	0.3	24.4	9.2	418	2.65	6.5	480.8	0.9	44	0.2	0.9	0.1	67	0.94
1374291	Rock	1.07	0.024	0.2	1.6	1.3	26	<0.1	3.3	3.7	434	1.09	1.3	3.2	3.2	9	<0.1	<0.1	<0.1	11	0.09
1374292	Rock	0.74	0.088	0.4	5.3	3.1	51	<0.1	6.4	7.8	831	2.34	1.7	19.9	4.8	14	<0.1	<0.1	<0.1	24	0.14
1374293	Rock	0.68	0.083	0.2	4.6	2.0	60	<0.1	6.0	7.8	505	1.98	1.7	21.2	5.1	12	<0.1	<0.1	<0.1	22	0.17
1374294	Rock	0.60	7.201	0.2	3.2	3.9	125	0.9	4.0	16.7	1356	3.70	0.8	8585	3.7	13	<0.1	<0.1	0.4	59	0.37
1374295	Rock	0.73	0.064	<0.1	1.9	1.0	39	<0.1	3.1	3.8	464	1.36	<0.5	7.6	5.7	9	<0.1	<0.1	<0.1	10	0.12
1374296	Rock	0.79	0.108	0.2	2.8	2.1	42	<0.1	3.5	4.8	550	1.62	0.7	28.2	5.0	10	<0.1	<0.1	<0.1	7	0.15
1374297	Rock	0.72	0.009	0.2	2.4	2.4	61	<0.1	4.1	9.8	809	2.01	1.0	9.5	6.2	14	<0.1	<0.1	<0.1	11	0.23
1374298	Rock	0.43	0.010	0.2	4.7	1.7	40	<0.1	4.8	4.2	452	1.65	1.0	4.0	5.7	8	<0.1	<0.1	<0.1	15	0.11
1374299	Rock	0.53	0.005	<0.1	2.4	1.0	43	<0.1	2.5	3.9	475	1.54	0.9	4.3	6.0	6	<0.1	<0.1	<0.1	12	0.08
1374300	Rock	0.36	0.014	0.2	121.0	1.6	29	0.2	3.1	3.9	321	1.59	0.7	4.8	4.1	9	<0.1	0.2	<0.1	8	0.12
1374301	Rock	0.64	0.184	0.2	3.1	1.5	53	<0.1	3.3	5.3	573	1.91	0.7	11.8	5.1	8	<0.1	<0.1	<0.1	11	0.10
1374302	Rock	0.65	0.015	0.4	3.2	1.6	53	<0.1	3.1	4.5	542	1.78	0.8	4.1	4.8	11	<0.1	<0.1	<0.1	8	0.08
1374303	Rock	0.62	0.007	0.1	3.7	1.5	53	<0.1	4.0	6.0	547	2.00	0.8	2.9	4.0	9	<0.1	<0.1	<0.1	26	0.16



www.acmelab.com

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Client: **Pacific Ridge Exploration Ltd.**
 Suite 1100, 1111 Melville St,
 Vancouver BC V6E 3V6 CANADA

Project: MPA
 Report Date: October 03, 2013

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Part: 2 of 2

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
1374282	Rock	0.060	13	8	0.48	253	0.001	<20	1.15	0.005	0.44	<0.1	<0.01	5.5	0.2	<0.05	1	<0.5	<0.2
1374283	Rock	0.067	11	8	0.34	420	0.003	<20	0.92	0.014	0.24	<0.1	0.01	11.5	0.1	<0.05	1	<0.5	<0.2
1266796	Rock Pulp	0.051	4	28	0.75	88	0.123	<20	1.54	0.080	0.13	10.9	0.02	4.2	<0.1	<0.05	5	0.5	<0.2
1374285	Rock	0.103	13	24	3.14	727	0.151	<20	3.08	0.047	1.57	<0.1	0.01	23.9	0.2	<0.05	14	<0.5	<0.2
1374286	Rock	0.083	13	21	1.85	352	0.068	<20	1.73	0.039	0.32	<0.1	0.01	25.1	<0.1	<0.05	7	<0.5	<0.2
1374287	Rock	0.090	7	20	4.13	531	0.173	<20	3.35	0.061	1.44	<0.1	<0.01	29.1	0.2	<0.05	12	<0.5	<0.2
1374288	Rock	0.067	8	15	1.36	580	0.204	<20	1.76	0.049	1.11	<0.1	0.01	12.5	0.2	<0.05	7	<0.5	<0.2
1374289	Rock	0.062	18	8	0.74	575	0.117	<20	1.29	0.035	0.82	<0.1	<0.01	7.3	0.2	<0.05	4	<0.5	<0.2
1266797	Rock Pulp	0.055	5	34	0.78	100	0.140	<20	1.66	0.093	0.15	9.6	0.07	4.8	<0.1	<0.05	5	0.6	<0.2
1374291	Rock	0.024	12	5	0.09	126	0.016	<20	0.35	0.043	0.13	<0.1	<0.01	2.4	<0.1	<0.05	<1	<0.5	<0.2
1374292	Rock	0.041	17	9	0.18	325	0.020	<20	0.60	0.042	0.16	<0.1	<0.01	5.4	<0.1	<0.05	2	<0.5	0.3
1374293	Rock	0.038	16	8	0.34	208	0.041	<20	0.80	0.034	0.29	<0.1	<0.01	3.7	<0.1	<0.05	2	<0.5	<0.2
1374294	Rock	0.080	13	5	0.87	419	0.077	<20	1.15	0.040	0.47	<0.1	<0.01	13.9	0.2	<0.05	5	<0.5	<0.2
1374295	Rock	0.037	16	5	0.14	187	0.012	<20	0.45	0.047	0.17	<0.1	<0.01	3.0	<0.1	<0.05	<1	<0.5	<0.2
1374296	Rock	0.024	16	5	0.20	283	0.003	<20	0.64	0.028	0.20	<0.1	<0.01	3.3	<0.1	<0.05	1	<0.5	<0.2
1374297	Rock	0.023	23	4	0.36	415	0.004	<20	1.14	0.019	0.25	<0.1	<0.01	3.5	<0.1	<0.05	2	<0.5	<0.2
1374298	Rock	0.027	18	7	0.25	175	0.039	<20	0.69	0.040	0.26	<0.1	<0.01	2.5	0.1	<0.05	2	<0.5	<0.2
1374299	Rock	0.026	17	4	0.33	187	0.054	<20	0.69	0.044	0.42	<0.1	<0.01	2.4	0.1	<0.05	2	<0.5	<0.2
1374300	Rock	0.018	14	6	0.19	290	0.008	<20	0.72	0.016	0.24	<0.1	<0.01	2.4	<0.1	<0.05	2	0.8	<0.2
1374301	Rock	0.023	16	5	0.20	258	0.015	<20	0.53	0.026	0.22	<0.1	<0.01	3.8	<0.1	<0.05	1	0.8	<0.2
1374302	Rock	0.023	19	6	0.10	202	0.007	<20	0.45	0.035	0.20	<0.1	<0.01	2.1	<0.1	<0.05	1	<0.5	<0.2
1374303	Rock	0.058	15	6	0.38	320	0.062	<20	0.86	0.032	0.45	<0.1	<0.01	3.3	<0.1	<0.05	3	<0.5	<0.2

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Method	WGHT	G6	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Pulp Duplicates																					
REP G1-WHI	QC		<0.1	1.7	2.9	48	<0.1	3.6	4.6	582	2.09	<0.5	1.1	4.5	54	<0.1	<0.1	<0.1	36	0.55	
1374257	Rock	0.83	<0.005	0.2	5.7	3.9	111	<0.1	13.3	15.9	1286	2.90	<0.5	1.8	2.0	23	0.1	0.1	<0.1	45	0.79
REP 1374257	QC	<0.005																			
1374301	Rock	0.64	0.184	0.2	3.1	1.5	53	<0.1	3.3	5.3	573	1.91	0.7	11.8	5.1	8	<0.1	<0.1	<0.1	11	0.10
REP 1374301	QC			0.2	4.1	1.5	55	<0.1	4.1	6.2	616	2.07	1.2	40.0	5.4	8	<0.1	<0.1	<0.1	12	0.11
Core Reject Duplicates																					
1374267	Rock	0.76	0.006	0.2	4.8	2.0	130	<0.1	5.7	18.2	1249	3.07	<0.5	2.2	1.7	20	0.2	<0.1	<0.1	61	0.59
DUP 1374267	QC		<0.005	<0.1	3.9	1.8	131	<0.1	5.2	17.8	1229	3.00	0.7	4.2	1.6	20	<0.1	<0.1	<0.1	62	0.59
Reference Materials																					
STD DS9	Standard			13.0	109.3	138.3	315	1.6	41.5	7.8	594	2.41	23.1	97.4	6.5	74	2.3	4.1	7.1	41	0.76
STD DS9	Standard			13.6	112.1	143.4	333	2.2	39.8	8.1	617	2.44	26.9	110.0	7.1	81	2.4	5.0	7.1	43	0.78
STD OREAS45EA	Standard			1.3	719.6	15.4	33	0.3	396.3	53.5	398	24.75	9.9	56.4	10.4	4	<0.1	0.2	0.3	307	0.04
STD OREAS45EA	Standard			1.3	752.4	15.2	35	0.3	423.6	58.4	426	24.92	12.3	51.4	11.5	4	<0.1	0.2	0.3	324	0.04
STD OXC109	Standard	0.203																			
STD OXI96	Standard	1.798																			
STD OXL93	Standard	5.803																			
STD OXC109 Expected		0.201																			
STD OXI96 Expected		1.802																			
STD OXL93 Expected		5.841																			
STD DS9 Expected			12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	
STD OREAS45EA Expected			1.39	709	14.3	28.9	0.26	381	52	400	23.51	9.1	53	10.7	3.5	0.02	0.2	0.26	303	0.036	
BLK	Blank	<0.005																			
BLK	Blank	0.006																			
BLK	Blank		<0.1	<0.1	0.2	1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank		<0.1	0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
Prep Wash																					
G1-WHI	Prep Blank	0.005																			
G1-WHI	Prep Blank	<0.005	0.1	2.0	5.6	52	<0.1	3.8	4.6	598	2.14	<0.5	<0.5	4.6	60	<0.1	<0.1	<0.1	36	0.52	

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																			
REP G1-WHI	QC	0.073	8	7	0.63	215	0.128	<20	0.98	0.082	0.49	<0.1	<0.01	2.6	0.3	<0.05	5	<0.5	<0.2
1374257	Rock	0.048	10	20	0.90	325	0.014	<20	0.90	0.035	0.17	<0.1	<0.01	14.6	<0.1	<0.05	3	<0.5	<0.2
REP 1374257	QC																		
1374301	Rock	0.023	16	5	0.20	258	0.015	<20	0.53	0.026	0.22	<0.1	<0.01	3.8	<0.1	<0.05	1	0.8	<0.2
REP 1374301	QC	0.023	17	5	0.19	275	0.016	<20	0.57	0.028	0.24	<0.1	<0.01	3.9	<0.1	<0.05	2	<0.5	<0.2
Core Reject Duplicates																			
1374267	Rock	0.079	8	17	1.14	305	0.062	<20	1.10	0.050	0.28	<0.1	<0.01	21.1	<0.1	<0.05	5	0.7	<0.2
DUP 1374267	QC	0.086	9	16	1.13	309	0.065	<20	1.09	0.049	0.28	<0.1	<0.01	21.3	<0.1	<0.05	5	<0.5	<0.2
Reference Materials																			
STD DS9	Standard	0.077	13	123	0.63	318	0.113	<20	0.99	0.089	0.41	3.0	0.19	2.4	5.3	0.17	5	5.8	6.0
STD DS9	Standard	0.083	15	123	0.66	345	0.119	<20	0.99	0.094	0.44	2.8	0.20	2.6	5.5	0.18	5	7.1	5.0
STD OREAS45EA	Standard	0.027	7	861	0.11	140	0.095	<20	3.33	0.020	0.05	<0.1	<0.01	80.3	<0.1	<0.05	13	1.6	<0.2
STD OREAS45EA	Standard	0.031	7	898	0.12	144	0.101	<20	3.59	0.023	0.06	<0.1	<0.01	81.5	<0.1	<0.05	13	1.6	<0.2
STD OXC109	Standard																		
STD OXI96	Standard																		
STD OXL93	Standard																		
STD OXC109 Expected																			
STD OXI96 Expected																			
STD OXL93 Expected																			
STD DS9 Expected		0.0819	13.3	121	0.6165	330	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
STD OREAS45EA Expected		0.029	6.57	849	0.095	148	0.0875		3.13	0.02	0.053			78	0.072	0.036	11.7	0.6	0.07
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
G1-WHI	Prep Blank																		
G1-WHI	Prep Blank	0.082	9	8	0.64	237	0.136	<20	0.98	0.071	0.51	<0.1	<0.01	2.5	0.3	<0.05	5	<0.5	<0.2



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Project: MPA
 Report Date: October 03, 2013

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		WGHT	G6	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
G1-WHI	Prep Blank			0.1	0.8	2.8	49	<0.1	3.5	4.0	588	2.07	<0.5	3.3	4.3	51	<0.1	<0.1	<0.1	36	0.50



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QUALITY CONTROL REPORT

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		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
G1-WHI	Prep Blank	0.075	8	4	0.63	210	0.125	<20	0.99	0.086	0.50	<0.1	<0.01	2.5	0.3	<0.05	5	<0.5	<0.2