

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

Client: **Petroutsas, Erini**
Box 431
Dawson City YT Y0B 1G0 CANADA

Submitted By: Erini Petroutsas
Receiving Lab: Canada-Whitehorse
Received: October 01, 2012
Report Date: May 30, 2013
Page: 1 of 3

CERTIFICATE OF ANALYSIS

WHI12000951.1

CLIENT JOB INFORMATION

Project: Petra
Shipment ID:
P.O. Number
Number of Samples: 50

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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: Petroutsas, Erini
Box 431
Dawson City YT Y0B 1G0
CANADA

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	50	Dry at 60C			WHI
SS80	50	Dry at 60C sieve 100g to -80 mesh			WHI
1F03	50	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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	Method	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
	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
BL1	Soil	2.93	33.44	12.71	79.1	286	39.0	11.0	319	2.58	13.2	1.6	4.7	6.1	13.9	0.14	1.38	0.23	49	0.12
In167 B	Soil	1.08	13.14	30.16	43.7	85	9.4	5.0	190	1.59	5.0	3.0	4.1	11.4	10.2	0.05	0.29	0.19	19	0.08
In167 C	Soil	0.86	17.77	27.21	53.9	53	20.5	9.6	315	2.39	9.8	1.0	5.2	10.4	11.6	0.41	0.62	0.21	37	0.09
In167 D	Soil	0.84	12.70	28.67	30.9	52	7.1	3.3	113	1.51	8.5	1.5	2.9	8.6	8.3	0.11	0.42	0.22	18	0.05
In167 E	Soil	1.39	18.37	30.39	61.3	47	20.4	8.2	244	2.81	11.9	0.8	5.6	7.2	8.9	0.30	0.80	0.23	48	0.07
In167 F	Soil	1.47	6.39	14.80	24.0	46	5.1	2.3	143	1.77	8.2	0.5	3.5	2.0	7.0	0.24	0.46	0.30	69	0.05
In-Rd	Soil	35.89	54.13	11.96	113.3	504	24.5	5.6	351	2.57	17.1	2.9	4.3	3.9	63.4	0.75	0.99	0.10	43	1.70
CarmS2	Soil	1.53	5.20	21.66	39.5	36	3.6	1.2	33	1.02	25.7	2.1	4.8	14.0	7.5	0.11	0.20	0.11	3	0.08
F07S	Soil	1.06	8.50	23.84	30.4	155	8.9	3.8	172	2.34	7.1	0.6	2.9	4.6	8.6	0.14	0.62	0.23	52	0.07
F07Qv	Soil	0.78	13.53	24.04	31.4	186	12.6	4.7	158	1.98	11.1	1.4	5.3	13.0	6.2	0.06	0.61	0.22	39	0.05
FQv	Soil	0.54	10.07	18.77	25.2	86	8.4	3.3	114	1.34	7.7	0.8	6.6	7.4	10.0	0.06	0.42	0.15	27	0.09
F08	Soil	0.59	16.66	22.55	20.5	39	9.2	4.1	192	1.35	21.2	6.8	5.2	15.9	10.5	0.07	0.78	0.17	22	0.05
FES	Soil	0.96	12.81	21.45	37.7	273	13.3	6.1	262	2.20	8.2	0.8	11.3	7.7	6.2	0.09	0.62	0.19	46	0.06
FNR	Soil	0.78	36.35	15.24	53.8	185	23.8	9.8	366	3.01	12.3	1.8	7.4	9.4	19.6	0.03	0.84	0.25	62	0.14
8.1	Soil	0.67	7.70	18.24	27.1	161	7.4	3.3	125	1.60	4.9	0.8	4.4	7.4	10.4	0.02	0.34	0.16	30	0.07
8.2	Soil	1.18	17.10	30.61	58.8	222	20.1	7.9	326	2.74	6.8	0.7	2.6	5.2	12.9	0.10	0.64	0.25	60	0.10
8.3	Soil	1.09	15.04	24.42	34.5	84	14.4	6.0	214	2.56	10.0	0.9	5.1	10.1	11.5	0.06	0.63	0.24	51	0.10
8.4	Soil	0.34	5.95	18.75	17.8	146	4.4	2.1	85	1.08	3.9	0.6	<0.2	4.6	7.5	0.03	0.23	0.15	16	0.04
8.5	Soil	1.22	17.82	75.59	39.4	615	13.4	4.2	152	1.83	7.7	1.0	6.7	7.5	9.0	0.06	0.59	0.35	37	0.06
8.6	Soil	1.49	15.64	85.33	41.6	155	12.9	3.5	131	1.45	3.9	1.1	5.6	5.8	11.3	0.05	1.86	0.28	30	0.08
8.7	Soil	3.63	19.99	154.5	61.5	3457	14.3	5.5	165	2.43	9.2	1.2	6.7	7.1	9.3	0.12	6.97	0.38	51	0.06
8.8	Soil	0.51	38.12	134.9	120.0	424	6.4	0.8	49	0.87	3.4	2.2	2.6	30.6	2.7	0.24	4.34	0.25	5	0.01
8.10	Soil	0.67	69.39	460.1	131.8	856	7.0	2.8	92	1.61	5.4	1.1	1.6	5.9	5.7	0.07	1.38	0.12	33	0.04
8.11	Soil	2.52	54.13	475.5	51.0	4272	6.8	2.7	80	1.84	13.5	1.5	17.6	10.5	9.5	0.04	13.36	0.19	28	0.05
8.12	Soil	4.06	33.03	375.3	27.4	5489	4.0	1.6	64	1.36	22.2	1.8	16.5	10.7	7.2	0.02	26.55	0.17	14	0.03
OH 1	Soil	0.15	11.89	15.01	17.5	61	3.9	1.9	87	0.61	2.5	1.1	2.2	9.5	5.4	0.03	0.47	0.14	11	0.04
OH 2	Soil	0.41	16.39	14.71	43.8	46	9.5	4.0	104	1.06	5.3	0.7	5.9	6.7	15.3	0.05	0.51	0.13	19	0.16
OH 3	Soil	0.40	10.99	8.70	26.6	20	8.0	3.0	88	1.15	3.5	0.7	1.6	6.3	6.7	0.02	0.30	0.09	23	0.06
OH 4	Soil	0.18	6.41	8.22	29.6	35	4.8	1.9	96	0.62	1.5	0.9	2.8	5.1	10.2	0.03	0.17	0.06	10	0.10
Rag28	Soil	0.03	3.30	28.86	86.0	18	11.3	8.9	719	2.45	0.9	2.9	4.5	40.5	33.7	0.24	0.56	0.31	9	0.20

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	Method	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	Ti	S	Hg	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	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
BL1	Soil	18.2	28.1	0.42	425.9	0.026	2	1.67	0.004	0.04	0.2	5.0	0.08	<0.02	11	0.5	<0.02
In167 B	Soil	26.4	16.4	0.52	464.2	0.035	2	1.06	0.002	0.08	<0.1	2.3	0.11	<0.02	12	0.4	<0.02
In167 C	Soil	20.9	25.3	0.52	218.8	0.043	2	1.77	0.003	0.07	0.2	3.4	0.13	<0.02	40	0.2	<0.02
In167 D	Soil	15.9	11.1	0.23	147.4	0.026	1	1.20	0.001	0.06	0.1	1.7	0.08	<0.02	10	0.2	<0.02
In167 E	Soil	13.6	29.5	0.47	207.7	0.041	2	1.85	0.003	0.05	0.2	2.7	0.11	<0.02	8	<0.1	0.05
In167 F	Soil	12.7	10.8	0.15	97.0	0.052	<1	0.78	0.002	0.04	0.1	1.2	0.07	<0.02	<5	<0.1	<0.02
In-Rd	Soil	7.7	16.8	0.58	72.4	0.002	<1	0.68	0.004	0.03	0.4	1.9	<0.02	0.07	<5	2.9	<0.02
CarmS2	Soil	33.2	2.6	0.06	119.0	0.001	2	0.32	0.003	0.05	<0.1	1.4	0.03	<0.02	<5	0.3	<0.02
F07S	Soil	14.4	18.1	0.25	224.1	0.028	<1	1.53	0.002	0.05	0.2	2.2	0.10	<0.02	12	0.1	<0.02
F07Qv	Soil	22.6	23.3	0.31	220.2	0.030	1	1.58	0.002	0.05	0.1	2.6	0.09	<0.02	<5	0.1	<0.02
FQv	Soil	24.3	14.2	0.24	216.8	0.025	2	0.96	0.004	0.06	0.1	2.0	0.05	<0.02	5	0.2	0.03
F08	Soil	59.1	12.3	0.18	638.3	0.014	<1	0.88	0.003	0.07	0.1	3.8	0.06	<0.02	33	0.5	<0.02
FES	Soil	14.8	25.5	0.34	213.7	0.039	<1	1.75	0.002	0.05	0.2	2.7	0.09	<0.02	12	0.2	0.03
FNR	Soil	34.9	35.4	0.47	945.3	0.064	1	1.87	0.014	0.05	0.2	6.5	0.07	<0.02	40	0.2	<0.02
8.1	Soil	14.3	13.8	0.29	281.2	0.019	<1	1.52	0.002	0.05	<0.1	2.1	0.10	<0.02	<5	0.2	<0.02
8.2	Soil	14.6	31.9	0.43	379.3	0.047	<1	2.28	0.003	0.07	0.1	3.3	0.14	<0.02	13	<0.1	0.07
8.3	Soil	14.2	29.1	0.36	207.0	0.039	1	1.98	0.003	0.05	0.1	3.0	0.11	<0.02	19	0.3	<0.02
8.4	Soil	10.2	7.5	0.16	140.1	0.012	<1	0.84	0.002	0.09	<0.1	1.1	0.06	<0.02	<5	<0.1	<0.02
8.5	Soil	14.1	20.2	0.33	188.8	0.027	<1	1.64	0.003	0.04	<0.1	2.7	0.11	<0.02	15	<0.1	0.04
8.6	Soil	15.2	16.4	0.55	116.9	0.039	<1	1.30	0.005	0.03	<0.1	2.5	0.02	<0.02	<5	0.4	<0.02
8.7	Soil	16.2	26.0	0.46	196.3	0.034	<1	2.19	0.002	0.05	<0.1	3.4	0.15	<0.02	56	0.1	0.04
8.8	Soil	87.4	3.6	0.25	95.6	0.002	<1	0.75	<0.001	0.04	0.7	1.9	0.13	<0.02	74	0.4	<0.02
8.10	Soil	28.6	15.3	0.24	246.4	0.010	<1	1.80	0.001	0.06	0.1	2.0	0.14	<0.02	20	<0.1	<0.02
8.11	Soil	35.5	15.0	0.28	158.5	0.015	<1	1.17	0.003	0.05	0.1	1.8	0.12	<0.02	411	0.3	<0.02
8.12	Soil	37.3	7.0	0.22	97.4	0.010	2	0.65	0.002	0.04	<0.1	0.9	0.06	<0.02	773	0.6	0.03
OH 1	Soil	21.5	6.1	0.12	101.2	0.012	1	0.43	0.001	0.07	<0.1	2.1	0.04	<0.02	13	0.1	<0.02
OH 2	Soil	20.2	14.5	0.32	270.4	0.028	<1	0.79	0.003	0.05	<0.1	2.3	0.04	<0.02	18	<0.1	<0.02
OH 3	Soil	17.7	13.2	0.24	146.1	0.025	2	0.94	0.002	0.05	<0.1	1.4	0.05	<0.02	<5	<0.1	0.03
OH 4	Soil	18.4	7.3	0.22	125.2	0.015	<1	0.49	0.003	0.08	<0.1	1.3	0.05	<0.02	<5	<0.1	<0.02
Rag28	Soil	89.1	6.3	1.76	809.5	0.001	<1	1.77	0.002	0.08	<0.1	2.6	0.04	<0.02	<5	0.3	0.05

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	Method	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
	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
CRP 1	Soil	37.30	9.89	60.22	5.1	815	1.1	0.4	7	2.00	60.0	1.1	4.3	2.7	78.8	0.03	4.54	1.08	4	0.08
CRP 2	Soil	24.54	61.35	51.64	26.8	303	2.3	0.9	12	7.74	24.1	2.2	11.4	2.6	15.3	0.13	4.54	1.14	7	0.14
CRP 3	Soil	0.10	4.02	15.25	6.0	25	0.5	0.2	5	0.05	0.5	3.1	6.0	15.4	4.8	0.03	0.10	0.03	<2	0.04
CRP 4	Soil	1.01	26.79	32.87	150.9	67	5.1	3.2	64	1.30	15.0	8.7	2.0	21.3	12.2	0.24	0.68	0.32	3	0.10
CRP 5	Soil	0.10	7.27	8.93	4.4	15	0.5	0.3	4	0.05	1.4	2.6	1.0	17.6	5.6	0.03	0.07	0.27	<2	0.04
CRP 6	Soil	0.06	5.96	86.28	153.1	44	3.2	2.2	10	0.45	0.8	2.2	4.3	18.7	7.3	0.12	0.45	0.11	3	0.11
TRP/S 1	Soil	4.69	66.99	7.76	146.3	3636	43.9	5.1	61	1.72	19.2	3.4	3.3	1.8	24.4	0.39	1.03	0.06	53	0.18
TRP/S 2	Soil	2.86	81.72	4.61	373.1	83	85.6	13.8	96	6.81	17.4	1.4	0.8	2.5	64.9	1.37	0.09	0.03	69	0.34
TRP/S 3	Soil	0.84	89.65	26.46	289.2	254	88.8	10.3	122	2.61	67.8	0.4	1.5	0.2	10.1	0.60	1.09	0.85	67	0.25
TRP/S 4	Soil	20.61	144.9	32.60	131.2	1177	140.0	54.6	988	5.67	649.6	20.7	1.4	7.1	53.6	2.62	3.98	0.25	87	0.32
Crip30 1	Soil	0.21	14.96	13.09	74.3	22	20.8	12.4	441	2.00	2.9	1.5	<0.2	15.9	18.8	0.07	0.15	0.28	25	0.34
Crip30 2	Soil	0.79	38.15	7.90	97.0	41	48.5	25.3	385	5.67	19.1	0.8	<0.2	4.0	52.9	0.20	0.49	0.07	122	0.97
Crip30 3	Soil	0.44	32.15	7.45	39.6	24	25.8	21.7	151	1.75	4.4	2.0	<0.2	4.3	143.8	0.13	0.14	0.03	86	0.61
Crip30 4	Soil	0.33	33.87	5.63	75.6	23	47.3	38.9	682	4.71	7.5	1.5	<0.2	6.6	56.3	0.21	0.11	0.06	90	0.72
Crip30 5	Soil	0.81	40.33	3.94	104.7	34	70.4	95.0	2385	6.13	11.5	1.4	<0.2	5.5	50.5	0.54	0.07	0.02	123	0.70
Crip30 6	Soil	0.46	44.18	13.36	106.7	17	33.9	33.3	735	3.07	5.3	2.4	0.6	12.0	61.1	0.21	0.21	0.38	57	0.53
Crip30 7	Soil	1.42	27.48	18.28	40.3	21	20.8	15.1	463	2.86	16.4	7.0	<0.2	8.0	142.4	0.33	0.57	0.41	102	0.40
Crip30 8	Soil	0.59	34.46	7.70	116.7	44	47.6	37.4	743	6.39	11.3	0.9	1.1	4.8	48.0	0.26	0.26	0.05	111	0.81
Crip30 9	Soil	0.40	30.84	6.24	118.3	29	38.2	22.3	335	2.77	4.4	1.0	<0.2	6.5	54.4	0.09	0.13	0.04	77	0.53
Crip30 10	Soil	0.44	30.87	4.51	67.3	17	40.0	24.9	258	3.86	20.2	0.6	2.1	4.6	45.7	0.07	0.26	0.10	92	0.84

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	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm
		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
CRP 1	Soil	12.9	5.5	0.03	180.8	<0.001	1	0.28	0.039	0.14	0.5	0.8	1.83	0.60	70	4.5	0.64
CRP 2	Soil	14.9	8.9	0.06	290.5	<0.001	1	0.26	0.002	0.02	0.5	0.8	0.19	0.03	70	1.4	0.26
CRP 3	Soil	31.6	0.7	0.03	98.1	<0.001	<1	0.17	0.001	0.17	<0.1	1.1	0.04	<0.02	6	<0.1	0.03
CRP 4	Soil	26.4	3.3	0.41	100.5	0.008	<1	0.87	<0.001	0.04	<0.1	3.4	0.06	<0.02	17	0.3	<0.02
CRP 5	Soil	47.0	1.1	0.02	127.6	<0.001	<1	0.17	0.001	0.19	<0.1	2.4	0.04	<0.02	<5	<0.1	<0.02
CRP 6	Soil	40.8	1.4	0.06	68.3	<0.001	<1	0.36	0.002	0.09	<0.1	3.5	0.06	<0.02	<5	<0.1	<0.02
TRP/S 1	Soil	7.0	577.8	0.75	543.1	0.007	<1	2.21	0.010	0.07	<0.1	16.4	0.47	0.12	12	1.0	<0.02
TRP/S 2	Soil	33.3	65.6	0.34	132.2	0.010	<1	1.59	0.119	0.06	<0.1	18.1	0.15	0.43	<5	1.3	<0.02
TRP/S 3	Soil	1.9	452.8	2.15	184.1	0.005	<1	2.48	0.013	0.08	<0.1	15.8	0.11	0.06	<5	1.5	0.11
TRP/S 4	Soil	19.8	224.8	1.31	162.2	0.003	<1	2.12	0.095	0.29	0.1	9.5	0.81	0.73	56	3.5	<0.02
Crip30 1	Soil	52.3	31.1	1.58	203.4	0.024	<1	2.33	0.005	0.05	<0.1	8.4	0.08	<0.02	8	0.3	0.06
Crip30 2	Soil	30.2	79.4	0.96	354.2	0.172	<1	2.02	0.067	0.12	0.1	14.0	0.13	<0.02	<5	0.9	0.02
Crip30 3	Soil	33.2	72.6	0.40	397.3	0.063	<1	2.02	0.020	0.13	<0.1	25.0	0.23	<0.02	<5	0.4	<0.02
Crip30 4	Soil	34.7	90.2	0.66	296.6	0.066	<1	2.26	0.033	0.14	<0.1	20.8	0.24	<0.02	<5	0.4	<0.02
Crip30 5	Soil	26.6	83.2	0.59	613.0	0.068	<1	2.10	0.034	0.20	<0.1	25.6	0.35	<0.02	<5	0.4	<0.02
Crip30 6	Soil	41.3	56.4	1.08	484.6	0.072	<1	2.33	0.022	0.08	<0.1	14.0	0.13	<0.02	<5	0.6	<0.02
Crip30 7	Soil	56.9	46.8	0.30	646.2	0.062	<1	1.88	0.011	0.08	<0.1	17.9	0.09	<0.02	<5	0.5	<0.02
Crip30 8	Soil	28.6	73.8	0.72	439.6	0.097	<1	2.11	0.036	0.10	<0.1	18.4	0.25	<0.02	8	0.6	<0.02
Crip30 9	Soil	35.0	69.9	0.45	310.0	0.079	<1	2.13	0.045	0.09	<0.1	16.9	0.33	<0.02	10	<0.1	<0.02
Crip30 10	Soil	32.3	69.7	0.68	252.4	0.112	1	1.92	0.077	0.06	<0.1	16.0	0.23	<0.02	<5	0.8	0.05

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	Method Analyte Unit MDL	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		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	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		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
Pulp Duplicates																					
In-Rd	Soil	35.89	54.13	11.96	113.3	504	24.5	5.6	351	2.57	17.1	2.9	4.3	3.9	63.4	0.75	0.99	0.10	43	1.70	0.077
REP In-Rd	QC	34.97	52.11	11.10	114.9	463	23.7	5.4	356	2.56	16.4	2.8	2.9	4.1	62.1	0.74	1.07	0.08	44	1.67	0.078
Rag28	Soil	0.03	3.30	28.86	86.0	18	11.3	8.9	719	2.45	0.9	2.9	4.5	40.5	33.7	0.24	0.56	0.31	9	0.20	0.053
REP Rag28	QC	<0.01	3.08	27.91	100.4	18	10.8	9.2	792	2.61	0.7	3.0	3.8	39.4	35.3	0.16	0.66	0.31	10	0.20	0.057
Crip30 5	Soil	0.81	40.33	3.94	104.7	34	70.4	95.0	2385	6.13	11.5	1.4	<0.2	5.5	50.5	0.54	0.07	0.02	123	0.70	0.149
REP Crip30 5	QC	0.74	40.27	4.10	100.4	32	71.5	90.4	2280	5.89	12.1	1.4	<0.2	5.3	48.7	0.49	0.07	0.02	117	0.68	0.152
Crip30 8	Soil	0.59	34.46	7.70	116.7	44	47.6	37.4	743	6.39	11.3	0.9	1.1	4.8	48.0	0.26	0.26	0.05	111	0.81	0.196
REP Crip30 8	QC	0.60	34.17	6.97	111.8	43	47.2	35.9	761	6.25	10.8	0.9	2.4	4.5	50.2	0.31	0.25	0.05	110	0.79	0.184
Reference Materials																					
STD DS9	Standard	15.54	119.1	134.7	311.6	1862	44.5	8.1	635	2.43	25.8	2.9	137.0	7.2	72.4	2.36	5.11	6.67	41	0.78	0.088
STD DS9	Standard	13.26	110.5	132.8	301.9	1870	40.5	7.4	638	2.30	25.1	2.7	127.6	6.5	84.6	2.26	6.07	7.09	39	0.71	0.085
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	0.04	0.02	0.1	<2	0.2	<0.1	2	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	0.02	0.10	0.4	8	<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	Ti	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
Pulp Duplicates																		
In-Rd	Soil	7.7	16.8	0.58	72.4	0.002	<1	0.68	0.004	0.03	0.4	1.9	<0.02	0.07	<5	2.9	<0.02	1.9
REP In-Rd	QC	9.1	18.6	0.59	70.4	0.002	<1	0.70	0.005	0.03	0.4	2.2	0.03	0.07	<5	2.2	0.03	1.8
Rag28	Soil	89.1	6.3	1.76	809.5	0.001	<1	1.77	0.002	0.08	<0.1	2.6	0.04	<0.02	<5	0.3	0.05	5.4
REP Rag28	QC	89.3	6.1	1.82	964.0	0.001	<1	1.91	0.002	0.10	<0.1	2.7	0.05	0.02	<5	0.9	<0.02	5.3
Crip30 5	Soil	26.6	83.2	0.59	613.0	0.068	<1	2.10	0.034	0.20	<0.1	25.6	0.35	<0.02	<5	0.4	<0.02	7.0
REP Crip30 5	QC	27.7	82.2	0.56	593.8	0.068	<1	1.92	0.031	0.19	<0.1	24.6	0.38	<0.02	<5	0.4	<0.02	6.4
Crip30 8	Soil	28.6	73.8	0.72	439.6	0.097	<1	2.11	0.036	0.10	<0.1	18.4	0.25	<0.02	8	0.6	<0.02	7.6
REP Crip30 8	QC	28.5	70.9	0.71	430.3	0.092	<1	2.06	0.035	0.10	<0.1	17.1	0.27	<0.02	<5	0.6	<0.02	7.4
Reference Materials																		
STD DS9	Standard	16.3	126.3	0.64	298.2	0.133	3	1.01	0.087	0.41	3.0	2.5	5.53	0.16	195	6.0	5.08	4.7
STD DS9	Standard	15.9	115.8	0.60	330.0	0.120	2	0.95	0.086	0.38	3.0	2.7	5.46	0.16	167	5.8	5.86	4.7
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
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