2009 GEOCHEMICAL / PHYSICAL SURVEY

on

KETTLE RIVER PROJECT

for

HARD ROCK GOLD Ltd.
Box 1192 - Kamloops, BC
V2C 6H3

at

Latitude : 49 58' N
Longitude : 118 40' W
NTS 82E/097 (NAD 83)

by

BARNES CREEK MINERALS CORPORATION
RR1-B36-S11 Chase, British Columbia V0E 1M0

JULY 2009

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KETTLE RIVER PROJECT

The Kettle River Project...is 37 kilometers east-north east of the city of Kelowna, British Columbia. Access is via highway 6 out of the city of Vernon, British Columbia thru the Monashee Pass to Goat Creek, from there take the Goat Creek road for approximately 17 kilometers to the Bruer Creek bridge and you are on the claims.

In the 1930's a prospector that was working at the Waterloo Mine, on Lightning Peak, in the Nelson Plutonic Complex, approximately 5 miles to the south of our claim group, discovered the Tack mine. He would go into his claim on horseback and high-grade the ore in the spring and party the rest of the year, to return again the next year broke and looking for another stake. Then World War II broke out and he found himself in the Army and headed for England. He returned home from the war to find the price of gold had fallen and he was not interested in working that hard for so little return so he bounced from job to job. In the seventies the price of gold went up and he ~~and~~ went to restake his claim, but it was all staked up in a uranium moratorium. The uranium motorium was finally lifted in 1988, but the prospector had already passed away, and the Uranium Company was beaten down by the government's moratorium and gave up on the property. In 1988 L .Lutjen picked up the claims and located the old works, but now the government of the day was expropriating mineral claims and the mining industry left the province. He would have to wait out another government created shutdown in the mining industry, which he did and today Hard Rock Gold Inc. has all of the claims.

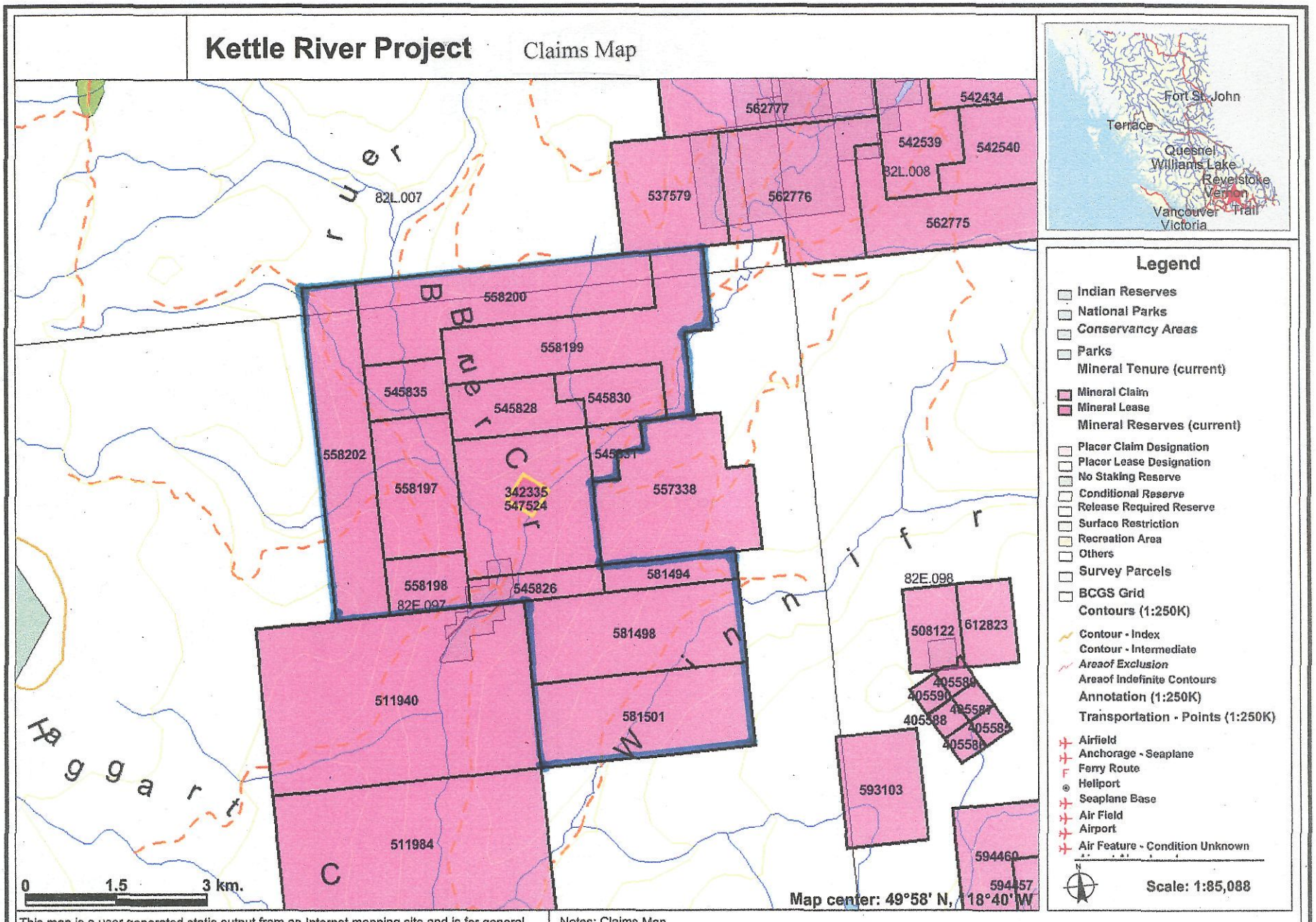
The Nelson Plutonic Complex... of quartz, quartz monzonite, granodiorite, minor diorite, hornblende granodiroite, granite, amphibolite, gabbro, and ultramafic rocks are late Jurrasic in age and are the major formations of the Lightning Peak gold/silver deposits and the Tack mine. To the immediate south of the Tack mine is an outcrop of Triassic Okanagan Plutonic rocks of hornblende, biotite gneiss, paragneiss, minor schist, marble, quartzite, and amphibolite. The Okanagan stockwork probably represents the basement rock of highly metamorphosed sediments that were comfortably overlain by the Nelson Plutonic Complex. Small lenses of basalt lie adjacent to the quartz veins which occur in the dioritic formations. The entire complex is massively fractured by local faulting.

KETTLE RIVER PROJECT - LOCATION MAP

fig. 1

HARD ROCK GOLD INC.
Box 1192 Kamloops
British Columbia
V2C 5L2

Kettle River Project — Claims Map



This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: Claims Map

fig. 2

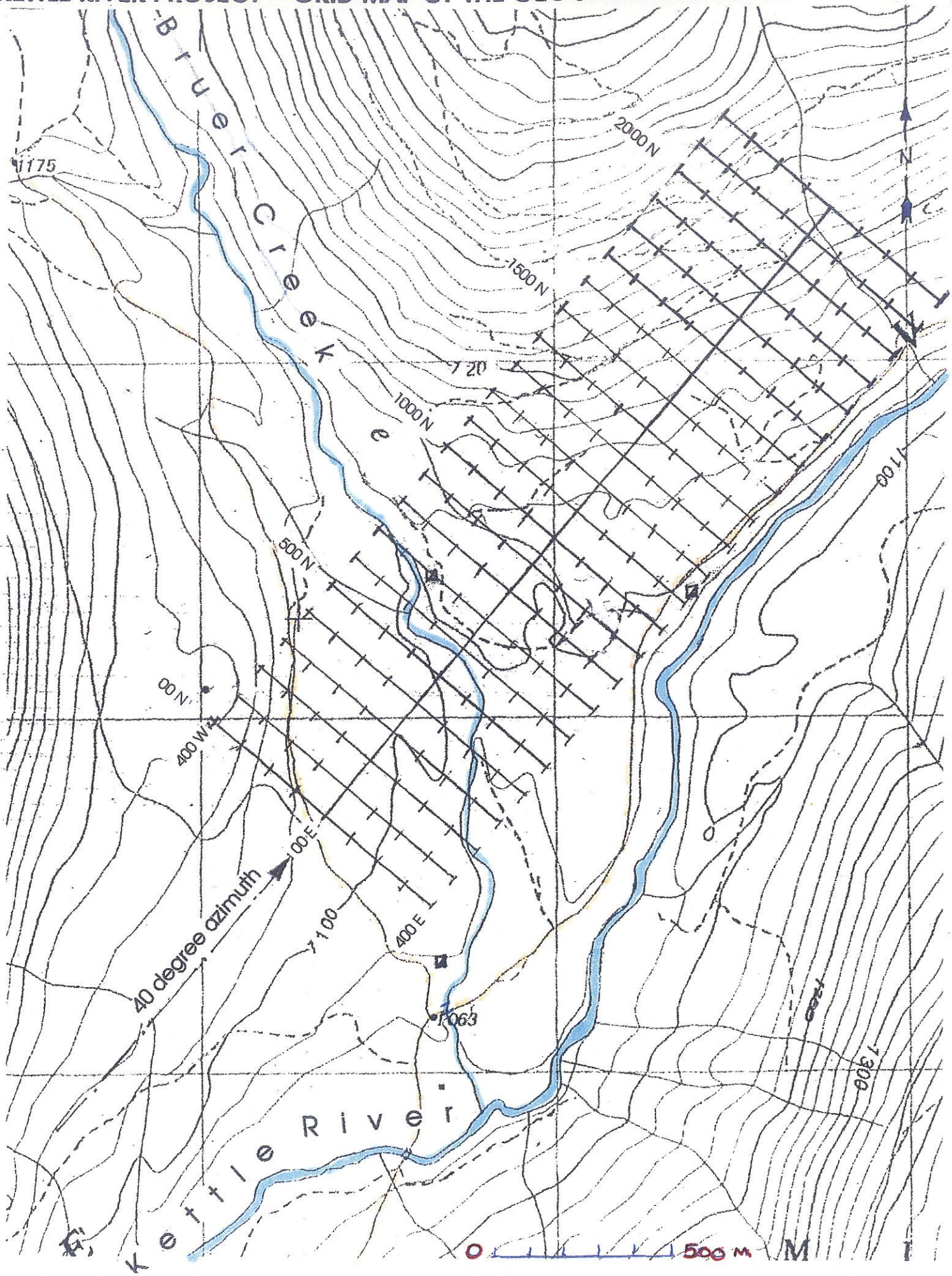
THE 2009 EXPLORATION PROGRAM

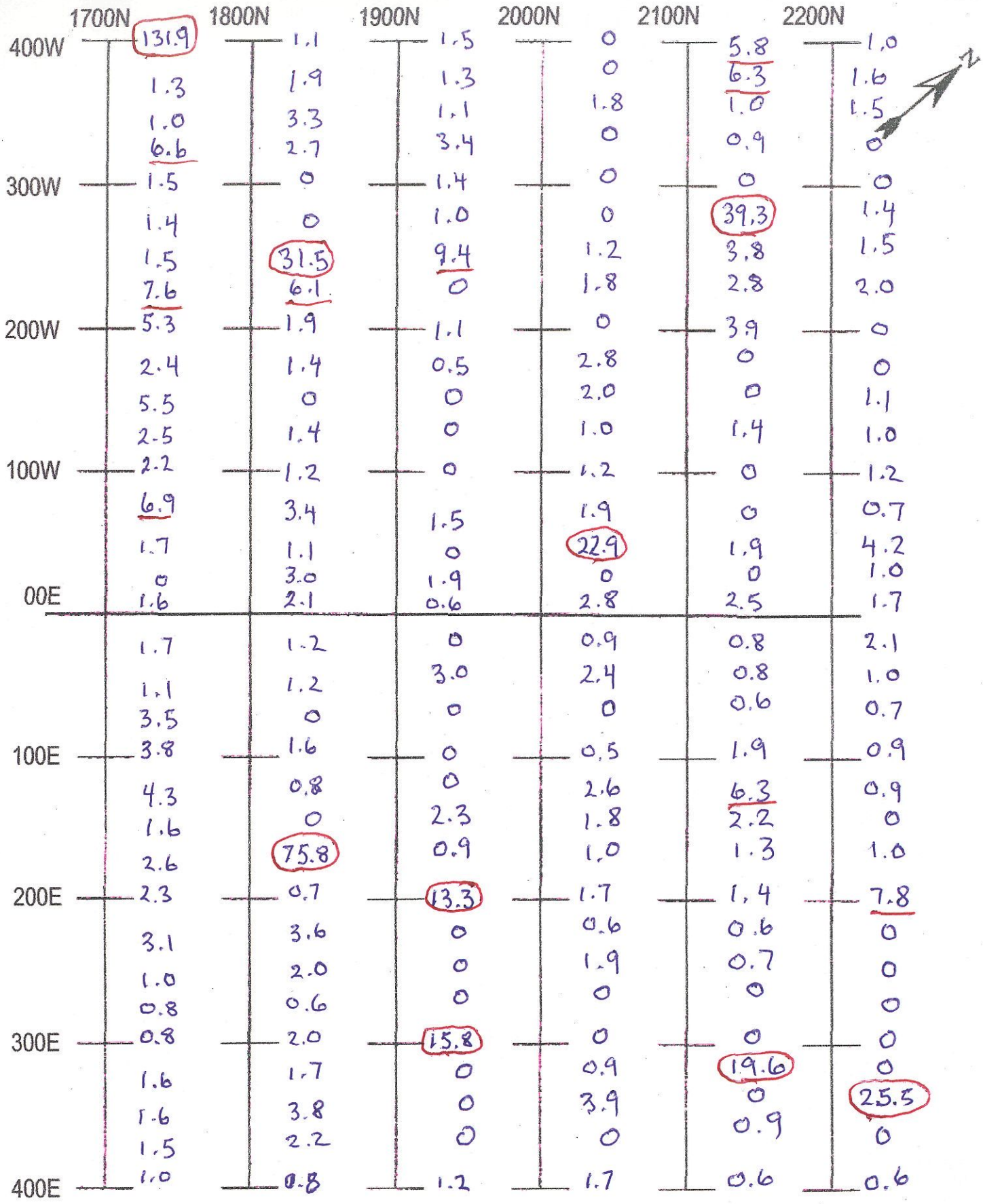
On the 8th of July 2009 we traversed via trucks down highway #6 past Lumby and Cherryville to the Coal Goat Creek logging road, then approximately 17 kilometers to Bruer Creek bridge, and from there another 150 meters to our campsite on the Kettle River, we are on the Kettle River claims of Hard Rock Gold Ltd. We located the 2007 baseline at 00N+00E and flagged and picketed the baseline from 00N+00E to 1600N+00E, we reconstructed and cutout the gridlines from 00N+400W to 1600N+400W to prepare for a 3-D geophysical survey this fall, we reconstructed and cutout the gridlines from 00N+400E to 1600N+400E for the 3-D survey. We constructed and cutout a new baseline from 1600N+00E to 2200N+00E and constructed and cutout gridlines from 1700N+400W to 2200N+400W and 1700N+400E to 2200N+400E, we chain surveyed the new baseline and gridlines at 25 meter flagged intervals and every 100 meters we picketed the station. Then we did a geochemical sampling survey over the new grid system at 25 meter intervals (198 samples of the "B" horizon) and boxed and invoiced the samples for shipment. During the survey from the 8th to the 18th of July 2009 we took 12 hard rock samples over old works and suspected old works and iron stained fractured echelon quartz vein systems in a granodiorite stockworks with mafic hanging walls. The #1 rock sample was from 1400N+300E, the #2 rock sample was from 40 meters north of the intersection of the coal goat road and the 40-K road at 940N+375E, the #3 rock sample was the possible old works called Loumark and a fractured vein system in an outcrop from the approximate location of the Loumark at 50 meters up the Gunner Creek road from the intersection with the Coal Goat road at 100S+500E, the #4 rock sample is a high grade sample from the Tack East in an echelon fractured vein system at 1160N+400E, the #5 rock sample is from 1100N+400E and was in place, the #6 rock sample was from 1150+400E above the Tack East works and is an in place sample of the hanging wall alteration, the #7 rock sample was a fractured vein system at 1050N+350E, the #8 rock sample was an extension of the same vein system at 1025N+350E, the #9 rock sample was located during the survey and could be the old works of the Tack West at approximately 700N+600W, the #10 rock sample we took from an iron stained fractured vein system at approximately 500N+700E, the #11 rock sample was from another fractured vein system at 400N+250E, and the last rock sample #12 was from 1000N+400E with assay results to follow. On the 18th of July 2009 we finished the survey and traversed back to the company office at Lee Creek, British Columbia.

(see fig. 5 and page 3 for sample locations and Hard Rock Sample Gold Analysis 2009)

KETTLE RIVER PROJECT - GRID MAP OF THE GEOCHEMICAL SURVEY

fig. 3



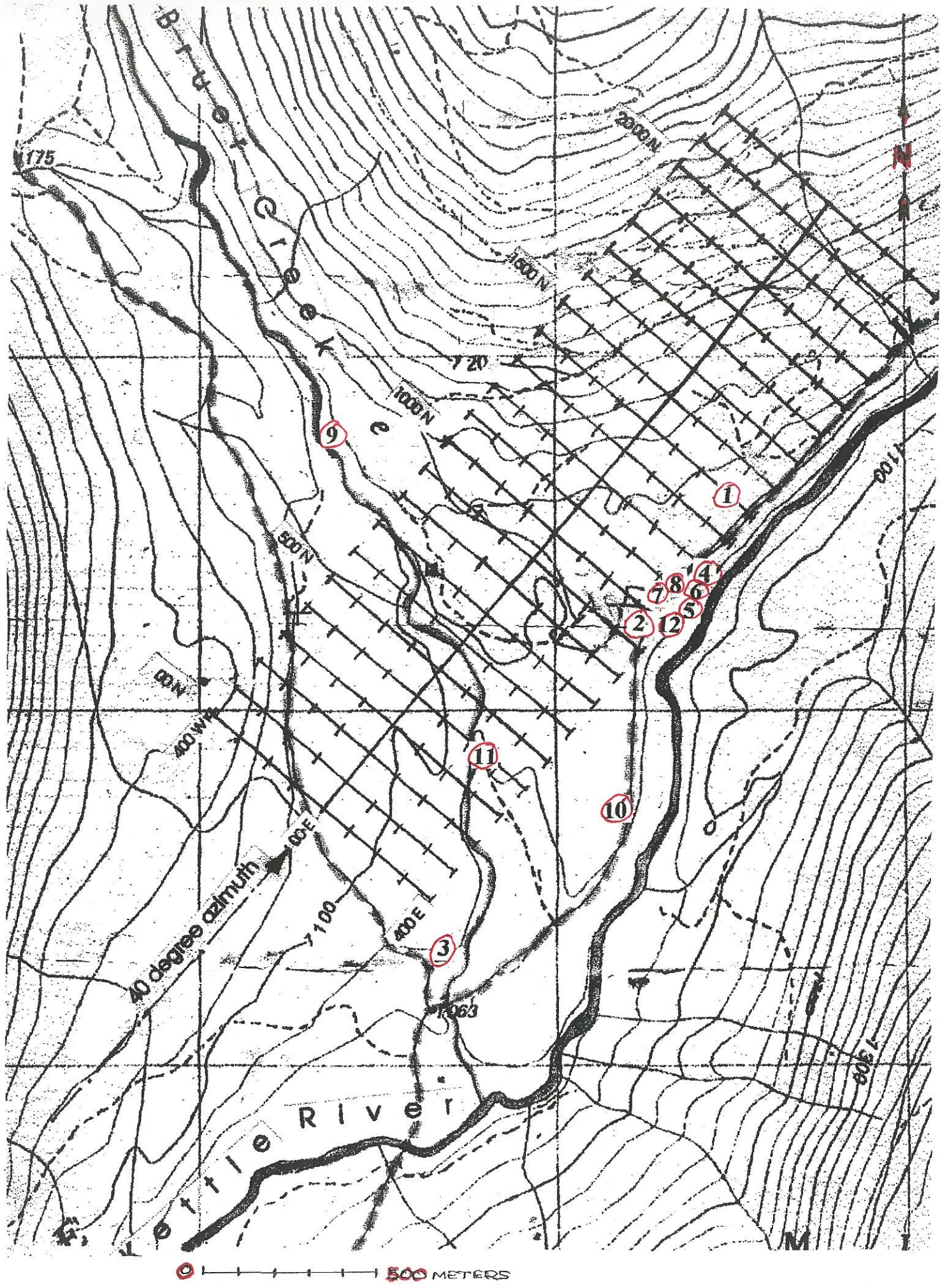


Kettle River inset Map with the "B" Horizon Soil Sample Geochem for Gold in PPB.
Results of analysis of over 10 PPB Gold in soils are circled in red.
Samples of <5. are shown as 0. NS - is for no sample taken.
The 00E Baseline is at 40 Degree Azimuth.

Scale 3cm = 100 meters

KETTLE RIVER PROJECT - HARD ROCK SAMPLE LOCATIONS

fig. 5



KETTLE RIVER PROJECT

Hard Rock Sample Gold Analysis 2009

1. 1400N + 300E - 1.9 ppb Au
2. 940N + 375E - 0.7 ppb Au
3. 100S + 500E - 0.9 ppb Au
4. 1160N + 400E - 3430 ppb Au
5. 1100N + 400E - 35.3 ppb Au
6. 1150N + 400E - 4020 ppb Au
7. 1050N + 350E - 159.2 ppb Au
8. 1025N + 350E - 5.2 ppb Au
9. 700N + 600W - 2.7 ppb Au
10. 500N + 700E - 0.7 ppb Au
11. 400N + 250E - 0.5 ppb Au
12. 1000N + 400E - 0 ppb Au

Itemized Cost Statement

Geochemical Survey on the Kettle River Project

2009 Event Number ID 4298960

Barnes Creek Minerals Corporation	$ 25,875.0
Acme Analytical Labs - 198 soils	5,110.18
Acme Analytical Labs - 11 rocks	370.82
Acme Analytical Labs - 1 rock	83.40
Richard Lodmell - assessment report compilation	*400.00*
Total Cost	$ 31,839.40

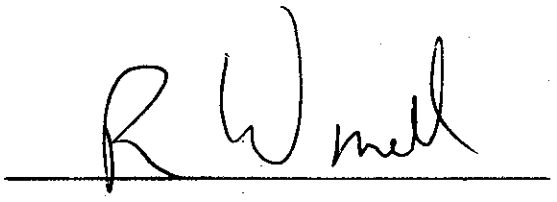
Statement of Qualifications

September 18, 2009

I, Richard D. Lodmell of:

Box 1192
Kamloops, B.C.
V2C 6H3

STATE THAT: I am and have been active in Mineral Exploration in British Columbia of over 30 years and that I have a Statement of Course Completion from Malaspina College for Mineral Exploration for Prospectors Dated May 2, 1983.



Richard D. Lodmell

MALASPINA COLLEGE

Statement of Course Completion

RICHARD LODMELL

has

Successfully Completed 180 Hours of Instruction

in

MINERAL EXPLORATION FOR PROSPECTORS

PRESENTED BY B.C. MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES
B.C. MINISTRY OF EDUCATION

APRIL 16 to 30, 1983 - MESACHIE LAKE, B.C.

MAY 2, 1983

Dated at Nanaimo,
British Columbia, Canada

Malaspina College

Director/Dean

Registrar

Instructor

Appendix I

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Hard Rock Gold Ltd.**
P.O. Box 1192
Kamloops BC V2C 6H3 Canada

Submitted By: Richard Lodmell
Receiving Lab: Canada-Vancouver
Received: August 05, 2009
Report Date: August 10, 2009
Page: 1 of 8

CERTIFICATE OF ANALYSIS VAN09003361.1

CLIENT JOB INFORMATION

Project: KETTLE RIVER
Shipment ID:
P.O. Number
Number of Samples: 198

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	198	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	198	Dry at 60C			VAN
1DX30	198	1:1:1 Aqua Regia digestion ICP-MS analysis	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Hard Rock Gold Ltd.
P.O. Box 1192
Kamloops BC V2C 6H3
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Hard Rock Gold Ltd.**
P.O. Box 1192
Kamloops BC V2C 6H3 Canada

Project: KETTLE RIVER
Report Date: August 10, 2009

CERTIFICATE OF ANALYSIS VAN09003361.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	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	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1700N + 400W	Soil	0.6	4.7	10.1	57	0.2	5.5	5.3	459	1.79	1.7	2.5	131.9	2.4	25	<0.1	<0.1	0.2	39	0.27	0.043
1700N + 375W	Soil	0.5	6.6	8.5	110	<0.1	10.9	6.2	610	2.02	2.3	0.9	1.3	2.6	18	0.1	0.1	0.2	35	0.19	0.215
1700N + 350W	Soil	0.7	10.9	8.5	165	0.2	9.5	5.9	3051	1.93	1.8	0.7	1.0	2.4	15	0.3	0.1	0.2	35	0.15	0.185
1700N + 325W	Soil	0.5	8.3	6.1	59	<0.1	9.6	7.3	498	2.31	1.7	1.4	6.6	3.9	25	<0.1	<0.1	0.4	46	0.31	0.118
1700N + 300W	Soil	0.7	8.0	12.0	112	0.2	8.3	6.1	1430	1.80	2.6	0.5	1.5	1.7	32	0.3	0.1	0.3	32	0.25	0.229
1700N + 275W	Soil	0.4	6.6	6.4	81	0.1	10.0	6.0	686	1.88	1.6	0.5	1.4	2.2	19	<0.1	<0.1	0.1	37	0.17	0.106
1700N + 250W	Soil	0.5	9.5	5.7	63	0.1	10.2	6.2	340	2.02	1.6	0.8	1.5	3.1	17	0.1	<0.1	0.1	41	0.17	0.109
1700N + 225W	Soil	0.6	11.9	9.0	95	0.4	15.6	7.8	453	2.69	2.3	1.0	7.6	3.7	22	<0.1	0.1	0.2	50	0.20	0.145
1700N + 200W	Soil	0.8	10.2	13.2	123	0.3	13.5	7.6	1281	2.33	2.7	0.7	5.3	2.7	54	0.4	0.2	0.3	42	0.38	0.152
1700N + 175W	Soil	0.7	7.9	12.4	124	0.2	9.9	6.0	1216	1.78	2.4	0.5	2.4	1.8	31	0.3	0.2	0.2	34	0.28	0.167
1700N + 150W	Soil	0.7	8.3	8.4	124	0.2	10.2	6.6	1100	1.99	1.8	0.6	5.5	2.0	17	0.2	0.1	0.2	36	0.13	0.243
1700N + 125W	Soil	0.9	11.9	7.2	61	<0.1	13.8	9.5	616	2.62	1.6	2.4	2.5	4.7	38	0.2	<0.1	0.2	53	0.32	0.109
1700N + 100W	Soil	0.8	13.7	10.8	80	0.4	15.4	9.1	1191	2.69	1.4	5.1	2.2	5.0	64	0.2	0.2	0.2	51	0.55	0.065
1700N + 75W	Soil	0.5	6.7	6.3	59	0.2	9.2	7.3	368	2.23	0.9	1.8	6.9	2.5	30	<0.1	<0.1	0.1	50	0.24	0.026
1700N + 50W	Soil	0.7	9.8	9.8	89	0.2	11.5	6.5	335	2.34	3.1	1.1	1.7	3.3	24	0.1	0.2	0.2	38	0.21	0.247
1700N + 25W	Soil	1.0	4.9	8.6	80	0.2	5.4	6.2	707	2.06	3.4	0.4	<0.5	1.8	24	0.1	0.1	0.2	40	0.17	0.097
1700N + 00E	Soil	0.8	7.9	10.7	115	0.3	11.4	7.5	944	3.02	2.6	0.9	1.6	3.7	23	0.1	0.1	0.3	49	0.18	0.145
1700N + 25E	Soil	0.9	15.7	9.1	82	0.8	11.7	8.6	908	2.97	1.8	10.4	1.7	6.1	106	0.2	0.2	0.2	56	0.97	0.063
1700N + 50E	Soil	0.7	5.3	11.8	94	0.1	7.4	6.7	694	2.20	2.1	0.4	1.1	2.2	23	0.2	0.1	0.2	42	0.19	0.096
1700N + 75E	Soil	1.0	40.7	14.2	108	1.3	25.3	9.9	1085	4.32	3.8	24.6	3.5	9.7	119	0.4	0.3	0.4	62	0.92	0.070
1700N + 100E	Soil	1.0	20.1	10.4	69	0.6	17.2	8.0	672	3.57	2.4	14.1	3.8	8.0	83	0.2	0.1	0.3	57	0.61	0.032
1700N + 125E	Soil	0.6	5.8	8.0	97	<0.1	7.7	7.6	773	2.17	2.2	0.5	4.3	1.9	32	0.2	<0.1	0.2	41	0.24	0.181
1700N + 150E	Soil	1.2	10.1	9.6	82	0.2	11.8	6.8	1433	2.20	2.1	1.1	1.6	2.4	42	0.1	0.1	0.2	39	0.35	0.103
1700N + 175E	Soil	0.7	7.4	9.0	109	<0.1	9.6	6.1	1050	2.08	2.0	0.5	2.6	2.1	37	0.3	0.1	0.2	38	0.32	0.160
1700N + 200E	Soil	0.8	5.5	9.2	58	0.2	4.6	3.3	290	1.49	2.5	0.3	2.3	1.2	32	0.2	0.1	0.2	30	0.27	0.101
1700N + 225E	Soil	0.5	13.4	5.0	61	<0.1	7.7	6.9	481	2.82	1.9	1.6	3.1	8.2	23	<0.1	<0.1	0.1	51	0.27	0.106
1700N + 250E	Soil	1.1	12.0	11.6	67	0.1	8.7	6.2	751	2.31	2.7	1.2	1.0	3.2	36	0.2	0.1	0.2	42	0.31	0.122
1700N + 275E	Soil	1.0	10.4	7.9	61	0.1	8.3	6.8	624	2.35	2.2	0.6	0.8	2.6	20	0.2	0.1	0.2	45	0.14	0.097
1700N + 300E	Soil	0.7	9.8	8.0	65	0.2	9.8	6.7	508	2.45	2.7	1.7	0.8	2.9	34	0.1	0.1	0.2	46	0.28	0.171
1700N + 325E	Soil	1.0	10.2	8.0	64	0.2	10.0	6.7	586	2.26	2.0	0.6	1.6	1.8	16	0.1	<0.1	0.2	44	0.12	0.127

AcmeLabs
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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1700N + 400W	Soil		22	11	0.33	53	0.106	<1	1.00	0.011	0.11	<0.1	0.01	1.5	0.1	<0.05	4	<0.5
1700N + 375W	Soil		6	12	0.31	148	0.118	2	2.35	0.015	0.10	<0.1	0.03	1.6	0.1	<0.05	7	<0.5
1700N + 350W	Soil		8	12	0.28	271	0.104	2	2.15	0.016	0.07	0.1	0.03	2.0	0.2	<0.05	7	<0.5
1700N + 325W	Soil		15	16	0.45	88	0.110	1	1.34	0.010	0.16	<0.1	<0.01	2.1	0.2	<0.05	5	<0.5
1700N + 300W	Soil		6	11	0.24	256	0.124	2	1.72	0.015	0.09	0.1	0.02	1.3	0.1	<0.05	7	<0.5
1700N + 275W	Soil		6	12	0.31	124	0.114	2	1.46	0.011	0.10	<0.1	0.01	1.4	<0.1	<0.05	5	<0.5
1700N + 250W	Soil		8	14	0.35	132	0.118	1	1.70	0.017	0.10	<0.1	0.01	2.0	0.1	<0.05	5	<0.5
1700N + 225W	Soil		11	15	0.38	179	0.176	2	2.40	0.014	0.12	0.1	0.03	2.0	0.1	<0.05	7	<0.5
1700N + 200W	Soil		10	13	0.34	260	0.163	2	2.23	0.015	0.13	0.1	0.04	1.7	0.1	<0.05	7	<0.5
1700N + 175W	Soil		6	11	0.23	194	0.116	2	1.68	0.011	0.09	<0.1	0.05	1.4	<0.1	<0.05	6	<0.5
1700N + 150W	Soil		6	12	0.18	193	0.138	1	2.02	0.013	0.06	<0.1	0.02	1.5	<0.1	<0.05	7	<0.5
1700N + 125W	Soil		19	22	0.43	87	0.140	1	1.47	0.015	0.18	<0.1	0.02	3.5	0.1	<0.05	5	<0.5
1700N + 100W	Soil		71	23	0.47	145	0.130	2	2.22	0.014	0.16	<0.1	0.03	4.5	0.2	<0.05	7	0.6
1700N + 75W	Soil		23	16	0.38	68	0.157	<1	1.30	0.014	0.13	<0.1	0.01	2.3	0.1	<0.05	5	<0.5
1700N + 50W	Soil		7	11	0.24	136	0.166	2	4.17	0.016	0.07	0.2	0.04	1.7	0.1	<0.05	10	<0.5
1700N + 25W	Soil		6	9	0.19	138	0.157	2	1.36	0.012	0.06	<0.1	0.02	1.1	<0.1	<0.05	7	<0.5
1700N + 00E	Soil		9	13	0.38	163	0.179	2	2.86	0.014	0.13	<0.1	0.03	1.9	0.2	<0.05	11	<0.5
1700N + 25E	Soil		171	19	0.59	127	0.168	2	2.25	0.017	0.18	0.1	0.02	6.7	0.3	<0.05	8	0.5
1700N + 50E	Soil		7	12	0.27	126	0.133	2	1.69	0.010	0.09	<0.1	0.03	1.2	<0.1	<0.05	7	<0.5
1700N + 75E	Soil		224	39	0.73	213	0.135	2	5.00	0.018	0.25	0.1	0.07	11.9	0.3	<0.05	14	<0.5
1700N + 100E	Soil		54	27	0.46	192	0.143	<1	4.09	0.021	0.16	<0.1	0.04	6.2	0.3	<0.05	10	0.7
1700N + 125E	Soil		5	11	0.19	127	0.128	2	1.87	0.011	0.07	<0.1	0.02	1.2	<0.1	<0.05	8	<0.5
1700N + 150E	Soil		18	13	0.25	154	0.127	2	2.52	0.014	0.10	<0.1	0.03	1.6	<0.1	<0.05	9	<0.5
1700N + 175E	Soil		6	11	0.25	182	0.115	2	1.91	0.011	0.11	<0.1	0.03	1.3	<0.1	<0.05	7	<0.5
1700N + 200E	Soil		4	8	0.18	66	0.093	2	0.97	0.011	0.07	0.2	0.03	0.9	<0.1	<0.05	6	<0.5
1700N + 225E	Soil		21	12	0.56	82	0.124	<1	1.65	0.010	0.16	0.1	0.02	2.5	0.2	<0.05	6	<0.5
1700N + 250E	Soil		11	11	0.30	158	0.150	2	2.86	0.014	0.08	0.2	0.05	2.0	0.1	<0.05	8	<0.5
1700N + 275E	Soil		6	12	0.30	98	0.132	<1	2.09	0.013	0.07	0.2	0.02	1.6	0.1	<0.05	7	<0.5
1700N + 300E	Soil		8	12	0.34	134	0.135	1	2.45	0.013	0.09	0.2	0.03	1.7	0.1	<0.05	8	<0.5
1700N + 325E	Soil		6	13	0.26	98	0.133	<1	2.43	0.014	0.07	0.1	0.02	1.6	<0.1	<0.05	8	<0.5

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Project: KETTLE RIVER
Report Date: August 10, 2009

CERTIFICATE OF ANALYSIS VAN09003361.1

		Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
		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	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1700N + 350E	Soil		1.3	13.7	13.5	56	0.1	12.0	6.5	697	2.12	2.4	0.9	1.6	1.9	40	0.3	0.2	0.2	43	0.30	0.067
1700N + 375E	Soil		0.8	10.4	7.3	116	0.1	13.3	6.9	1189	2.27	1.8	0.7	1.5	2.6	20	0.2	<0.1	0.2	44	0.15	0.189
1700N + 400E	Soil		1.4	11.9	10.3	78	0.2	12.8	6.8	637	2.32	1.5	2.5	1.0	2.6	36	<0.1	<0.1	0.2	44	0.27	0.048
1800N + 400W	Soil		0.4	6.8	7.6	91	<0.1	9.1	6.7	751	2.49	0.9	0.7	1.1	3.2	25	<0.1	<0.1	0.2	48	0.23	0.112
1800N + 375W	Soil		0.6	9.3	9.7	117	<0.1	9.4	7.5	1883	2.52	2.7	1.3	1.9	3.8	44	0.2	0.1	0.2	46	0.39	0.189
1800N + 350W	Soil		1.0	20.1	7.6	82	1.2	15.5	10.6	929	3.60	2.0	25.4	3.3	8.6	81	0.4	0.1	0.2	67	0.81	0.084
1800N + 325W	Soil		0.4	5.0	6.1	72	0.1	7.9	6.0	654	1.89	1.6	0.5	2.7	2.6	16	0.1	<0.1	0.2	37	0.16	0.127
1800N + 300W	Soil		0.4	6.2	6.0	63	<0.1	11.9	6.0	424	2.01	1.6	0.5	<0.5	2.4	18	<0.1	<0.1	0.1	40	0.18	0.119
1800N + 275W	Soil		0.6	8.1	7.7	81	0.2	9.4	5.7	669	1.88	2.2	0.7	<0.5	2.4	21	0.1	<0.1	0.2	35	0.18	0.135
1800N + 250W	Soil		0.5	6.9	8.2	93	0.3	12.5	6.7	405	2.32	1.5	1.6	31.5	2.8	27	0.1	0.1	0.2	46	0.25	0.050
1800N + 225W	Soil		0.4	5.2	4.2	43	<0.1	8.0	6.0	379	2.11	1.7	1.2	6.1	3.5	20	<0.1	<0.1	<0.1	44	0.32	0.095
1800N + 200W	Soil		0.5	6.3	7.1	53	0.2	10.1	7.2	417	2.12	1.7	1.6	1.9	3.2	25	<0.1	<0.1	0.2	44	0.26	0.081
1800N + 175W	Soil		0.6	7.9	9.0	92	0.2	14.2	7.3	359	2.42	2.1	1.3	1.4	2.4	40	0.2	0.1	0.2	46	0.36	0.094
1800N + 150W	Soil		0.8	9.0	9.1	121	0.2	14.4	8.2	680	2.52	2.6	0.8	<0.5	3.3	26	0.3	0.1	0.2	42	0.25	0.194
1800N + 125W	Soil		1.0	8.4	7.8	126	0.2	15.3	8.3	938	2.48	1.9	0.8	1.4	2.2	23	0.2	0.1	0.2	43	0.16	0.110
1800N + 100W	Soil		0.6	8.8	6.7	77	0.2	11.8	8.6	498	2.83	1.0	2.2	1.2	3.8	38	0.1	<0.1	0.2	59	0.33	0.045
1800N + 75W	Soil		0.5	8.5	4.4	37	<0.1	8.3	6.3	384	2.28	1.6	1.4	3.4	5.0	29	<0.1	<0.1	0.2	44	0.34	0.101
1800N + 50W	Soil		0.8	10.2	13.7	85	<0.1	11.4	8.2	1079	2.56	2.7	1.6	1.1	3.7	41	0.2	0.2	0.2	50	0.38	0.112
1800N + 25W	Soil		0.7	8.2	11.5	111	0.1	12.2	8.3	793	2.77	6.5	0.7	3.0	2.7	31	0.1	0.1	0.3	49	0.25	0.115
1800N + 00E	Soil		0.6	8.9	8.7	101	0.1	8.5	6.3	851	2.37	2.5	1.1	2.1	3.6	29	0.2	0.1	0.2	40	0.25	0.195
1800N + 25E	Soil		0.9	14.9	11.1	89	0.3	15.5	9.1	743	3.62	1.6	10.3	1.2	5.9	107	0.3	0.2	0.2	61	1.08	0.063
1800N + 50E	Soil		0.9	6.3	9.1	73	0.1	7.6	6.5	470	2.52	2.6	0.6	1.2	3.2	20	0.2	0.1	0.2	46	0.18	0.116
1800N + 75E	Soil		0.7	8.6	14.1	116	0.2	9.7	6.8	1082	3.10	2.5	2.4	<0.5	3.9	31	0.2	0.2	0.3	50	0.27	0.141
1800N + 100E	Soil		0.6	7.4	9.4	113	0.2	7.1	6.0	1859	2.30	2.5	1.0	1.6	3.5	35	0.3	0.2	0.2	40	0.36	0.215
1800N + 125E	Soil		1.0	10.1	10.7	71	0.2	8.6	6.6	551	2.38	2.8	0.9	0.8	3.6	20	0.2	0.2	0.2	43	0.16	0.108
1800N + 150E	Soil		0.8	6.6	9.6	105	0.1	6.8	8.0	1204	2.26	3.0	0.4	<0.5	2.1	15	0.1	0.1	0.2	42	0.10	0.232
1800N + 175E	Soil		0.8	6.2	7.5	96	<0.1	9.1	7.1	597	2.22	1.8	0.9	75.8	2.2	22	0.1	<0.1	0.2	44	0.18	0.114
1800N + 200E	Soil		1.9	13.0	9.0	88	0.3	13.5	6.8	2128	3.01	1.6	10.6	0.7	6.0	79	0.4	0.2	0.3	54	0.71	0.040
1800N + 225E	Soil		0.8	11.0	10.9	85	0.2	11.4	5.8	276	2.64	2.6	2.9	3.6	5.0	32	0.2	0.1	0.3	43	0.25	0.208
1800N + 250E	Soil		0.6	11.9	10.0	130	0.1	6.2	6.2	1081	2.34	1.4	1.9	2.0	3.6	57	0.4	<0.1	0.2	41	0.53	0.169

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Report Date: August 10, 2009

CERTIFICATE OF ANALYSIS VAN09003361.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1700N + 350E	Soil	8	13	0.26	199	0.110	<1	1.79	0.011	0.08	<0.1	0.04	1.5	<0.1	<0.05	7	<0.5
1700N + 375E	Soil	7	13	0.31	171	0.120	<1	2.01	0.012	0.09	0.1	0.02	1.8	0.1	<0.05	7	<0.5
1700N + 400E	Soil	22	16	0.33	142	0.115	<1	2.55	0.015	0.08	<0.1	0.03	2.6	0.1	<0.05	8	<0.5
1800N + 400W	Soil	8	15	0.46	150	0.130	<1	2.08	0.012	0.13	<0.1	0.01	2.1	0.2	<0.05	8	<0.5
1800N + 375W	Soil	19	15	0.39	287	0.114	2	2.14	0.015	0.19	<0.1	0.03	2.2	0.2	<0.05	8	<0.5
1800N + 350W	Soil	240	27	0.75	140	0.138	<1	2.76	0.017	0.27	0.1	0.05	8.4	0.3	<0.05	9	0.7
1800N + 325W	Soil	6	11	0.26	102	0.120	1	1.38	0.013	0.07	<0.1	0.02	1.4	0.1	<0.05	5	<0.5
1800N + 300W	Soil	6	12	0.31	124	0.124	2	1.79	0.011	0.09	<0.1	0.01	1.5	0.1	<0.05	6	<0.5
1800N + 275W	Soil	8	12	0.28	157	0.116	2	2.03	0.013	0.11	<0.1	0.02	1.8	<0.1	<0.05	6	<0.5
1800N + 250W	Soil	17	17	0.38	146	0.138	1	2.22	0.017	0.10	<0.1	0.01	2.0	0.1	<0.05	8	<0.5
1800N + 225W	Soil	11	16	0.40	57	0.107	<1	0.90	0.015	0.13	<0.1	<0.01	2.0	0.1	<0.05	4	<0.5
1800N + 200W	Soil	13	16	0.37	89	0.126	<1	1.35	0.013	0.11	<0.1	0.01	2.0	0.1	<0.05	5	<0.5
1800N + 175W	Soil	15	18	0.37	113	0.118	<1	1.97	0.015	0.10	<0.1	0.02	2.1	0.1	<0.05	8	<0.5
1800N + 150W	Soil	8	12	0.29	151	0.170	2	2.87	0.016	0.10	0.1	0.03	1.9	0.1	<0.05	8	<0.5
1800N + 125W	Soil	6	14	0.25	196	0.171	<1	2.54	0.016	0.11	<0.1	0.01	1.8	<0.1	<0.05	8	<0.5
1800N + 100W	Soil	25	20	0.44	92	0.205	<1	1.76	0.019	0.16	<0.1	0.02	3.1	0.2	<0.05	6	<0.5
1800N + 75W	Soil	15	15	0.37	67	0.139	<1	1.21	0.014	0.11	<0.1	0.01	3.1	0.1	<0.05	4	<0.5
1800N + 50W	Soil	15	19	0.46	125	0.150	1	1.75	0.021	0.18	<0.1	0.04	3.0	0.2	<0.05	8	<0.5
1800N + 25W	Soil	8	16	0.36	176	0.169	2	2.78	0.012	0.14	<0.1	0.03	1.9	0.1	<0.05	10	<0.5
1800N + 00E	Soil	11	12	0.29	176	0.142	<1	2.64	0.014	0.08	<0.1	0.04	2.0	0.1	<0.05	8	<0.5
1800N + 25E	Soil	64	24	0.72	164	0.166	3	3.52	0.020	0.29	0.1	0.06	5.5	0.3	<0.05	10	0.9
1800N + 50E	Soil	8	12	0.30	102	0.150	1	2.08	0.014	0.08	0.2	0.02	1.6	0.1	<0.05	7	<0.5
1800N + 75E	Soil	17	16	0.36	186	0.162	1	3.30	0.014	0.14	0.1	0.04	2.0	0.2	<0.05	11	<0.5
1800N + 100E	Soil	10	11	0.29	201	0.143	3	2.92	0.016	0.10	0.1	0.03	1.9	0.2	<0.05	9	<0.5
1800N + 125E	Soil	9	12	0.29	146	0.162	<1	2.89	0.018	0.08	0.1	0.03	1.9	0.1	<0.05	9	<0.5
1800N + 150E	Soil	5	11	0.22	99	0.165	2	1.85	0.013	0.06	<0.1	0.02	1.3	0.1	<0.05	8	<0.5
1800N + 175E	Soil	6	14	0.36	135	0.104	<1	1.97	0.014	0.08	<0.1	0.01	1.9	0.1	<0.05	7	<0.5
1800N + 200E	Soil	57	24	0.46	164	0.112	2	3.36	0.021	0.13	<0.1	0.05	5.0	0.3	<0.05	10	0.6
1800N + 225E	Soil	12	14	0.24	150	0.171	2	4.79	0.018	0.07	0.2	0.05	2.4	0.1	<0.05	12	<0.5
1800N + 250E	Soil	17	12	0.42	176	0.111	3	1.83	0.017	0.22	0.2	0.04	2.0	0.2	<0.05	7	<0.5

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	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	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	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1800N + 275E	Soil	0.9	10.6	15.8	117	0.2	7.1	6.8	1903	2.05	2.6	0.5	0.6	2.6	71	0.3	0.2	0.3	43	0.51	0.170
1800N + 300E	Soil	1.1	14.6	8.7	61	0.2	11.3	6.7	403	2.91	2.0	6.0	2.0	7.9	61	0.1	0.1	0.2	52	0.34	0.099
1800N + 325E	Soil	0.7	10.6	9.7	74	<0.1	8.3	7.9	965	2.93	1.7	2.8	1.7	7.4	41	0.1	0.1	0.2	52	0.41	0.109
1800N + 350E	Soil	0.8	8.9	8.0	75	0.1	9.0	7.1	775	2.42	2.2	0.8	3.8	2.7	36	0.2	0.1	0.1	48	0.39	0.122
1800N + 375E	Soil	1.0	9.9	10.4	64	<0.1	6.7	5.4	1417	2.17	1.6	0.4	2.2	1.6	33	0.3	0.2	0.2	52	0.27	0.039
1800N + 400E	Soil	0.7	8.0	10.3	74	<0.1	6.9	5.5	352	2.02	3.4	0.5	0.8	1.7	15	0.3	0.2	0.2	39	0.10	0.204
1900N + 400W	Soil	0.7	5.3	9.2	116	0.1	9.2	8.1	1107	3.25	1.7	0.9	1.5	3.9	31	0.2	0.1	0.3	58	0.28	0.116
1900N + 375W	Soil	0.8	6.2	9.4	126	<0.1	6.5	6.7	2484	2.29	2.0	0.8	1.3	2.8	41	0.1	0.1	0.2	45	0.39	0.100
1900N + 350W	Soil	0.6	9.2	8.2	132	0.3	7.6	8.6	762	4.15	2.1	2.8	1.1	9.4	58	0.2	<0.1	0.2	69	0.39	0.169
1900N + 325W	Soil	0.6	6.2	8.3	110	0.1	8.6	7.5	799	2.43	2.0	0.6	3.4	2.8	15	0.2	0.1	0.2	48	0.15	0.177
1900N + 300W	Soil	0.4	9.2	7.3	67	0.1	12.8	8.4	624	2.59	1.9	1.7	1.4	4.8	28	0.1	<0.1	0.1	52	0.29	0.112
1900N + 275W	Soil	1.0	8.7	9.0	100	0.2	9.6	7.5	1488	2.14	1.7	0.8	1.0	2.5	38	0.3	<0.1	0.2	40	0.29	0.139
1900N + 250W	Soil	0.7	10.6	9.4	62	0.4	12.2	11.4	677	3.18	3.1	4.9	9.4	9.1	38	0.1	0.1	0.3	66	0.45	0.134
1900N + 225W	Soil	0.7	6.8	12.5	71	0.2	10.8	6.8	579	2.06	2.6	0.6	<0.5	2.4	20	0.2	0.1	0.3	40	0.15	0.140
1900N + 200W	Soil	0.5	6.1	9.3	85	<0.1	13.6	7.7	379	2.19	1.9	0.6	1.1	2.1	19	<0.1	0.1	0.2	48	0.18	0.083
1900N + 175W	Soil	0.6	7.1	10.6	106	0.1	11.6	6.7	831	2.01	3.0	0.8	0.5	3.2	17	0.2	0.1	0.2	37	0.11	0.218
1900N + 150W	Soil	0.8	8.8	12.8	105	0.1	12.0	7.4	834	2.24	2.7	1.0	<0.5	3.7	19	0.2	0.2	0.3	41	0.14	0.152
1900N + 125W	Soil	0.7	8.0	12.5	96	0.1	14.5	7.7	760	2.09	2.5	0.7	<0.5	3.3	21	0.3	0.1	0.3	41	0.15	0.193
1900N + 100W	Soil	0.7	7.0	10.0	119	0.2	13.5	6.9	590	2.10	1.6	1.1	<0.5	3.6	24	0.3	0.1	0.3	37	0.15	0.242
1900N + 75W	Soil	0.8	11.7	9.8	103	0.3	15.5	8.8	574	2.38	1.7	2.1	1.5	4.7	44	0.1	<0.1	0.2	46	0.35	0.176
1900N + 50W	Soil	0.6	8.2	9.1	58	0.1	10.1	8.9	593	2.37	1.1	5.3	<0.5	4.9	38	<0.1	0.1	0.2	52	0.32	0.047
1900N + 25W	Soil	0.5	8.5	8.1	54	<0.1	11.1	9.4	738	2.54	1.9	3.6	1.9	6.6	42	0.2	0.1	0.2	57	0.51	0.122
1900N + 00E	Soil	0.8	10.9	17.3	94	0.1	13.1	10.3	864	3.34	2.8	7.0	0.6	7.2	82	0.3	0.2	0.3	63	0.76	0.097
1900N + 25E	Soil	0.9	14.0	16.5	122	0.2	17.4	9.4	987	3.82	2.1	13.7	<0.5	9.1	90	0.2	0.2	0.3	64	0.76	0.078
1900N + 50E	Soil	0.9	12.5	17.5	94	0.1	14.8	8.9	1326	3.08	3.0	5.6	3.0	5.3	92	0.3	0.2	0.3	55	0.85	0.087
1900N + 75E	Soil	0.9	24.1	15.1	148	0.3	19.0	9.3	1893	3.45	2.4	12.8	<0.5	7.4	108	0.4	0.2	0.3	56	0.88	0.115
1900N + 100E	Soil	0.7	14.0	14.2	116	0.2	14.8	9.6	877	3.30	1.8	7.8	<0.5	8.4	61	0.2	0.1	0.5	62	0.46	0.075
1900N + 125E	Soil	0.5	9.8	17.6	144	0.2	6.8	5.4	1411	2.25	4.9	1.6	<0.5	5.0	51	0.2	0.2	0.3	32	0.37	0.445
1900N + 150E	Soil	0.6	6.8	11.3	70	<0.1	9.2	5.9	232	2.22	1.6	0.8	2.3	3.0	25	<0.1	0.1	0.2	45	0.18	0.064
1900N + 175E	Soil	0.5	8.0	10.9	65	0.1	8.3	5.8	487	2.00	1.3	2.1	0.9	3.2	42	0.2	0.2	0.2	43	0.35	0.053

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P.O. Box 1192
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Project: KETTLE RIVER
Report Date: August 10, 2009

CERTIFICATE OF ANALYSIS VAN09003361.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1800N + 275E	Soil	7	28	0.31	193	0.150	2	1.38	0.022	0.08	<0.1	0.01	1.6	0.1	<0.05	8	<0.5
1800N + 300E	Soil	32	23	0.38	202	0.149	1	3.42	0.022	0.12	0.1	0.04	3.8	0.1	<0.05	9	0.5
1800N + 325E	Soil	23	17	0.56	123	0.102	<1	2.10	0.014	0.15	0.1	0.03	3.1	0.2	<0.05	7	<0.5
1800N + 350E	Soil	9	15	0.47	133	0.087	1	1.64	0.013	0.14	0.1	0.03	1.9	0.1	<0.05	6	<0.5
1800N + 375E	Soil	5	13	0.28	126	0.134	2	0.91	0.014	0.08	0.1	0.03	1.2	<0.1	<0.05	6	<0.5
1800N + 400E	Soil	4	12	0.18	120	0.130	2	2.13	0.015	0.05	0.1	0.04	1.5	<0.1	<0.05	9	<0.5
1900N + 400W	Soil	11	16	0.59	204	0.139	<1	2.24	0.014	0.20	0.2	0.02	2.6	0.2	<0.05	9	<0.5
1900N + 375W	Soil	13	12	0.38	259	0.118	2	1.40	0.013	0.18	0.1	0.02	1.9	0.2	<0.05	7	<0.5
1900N + 350W	Soil	28	16	0.83	118	0.142	1	2.68	0.013	0.39	<0.1	0.02	4.0	0.3	<0.05	12	<0.5
1900N + 325W	Soil	7	15	0.38	160	0.116	<1	1.89	0.013	0.09	0.1	0.02	2.0	0.2	<0.05	8	<0.5
1900N + 300W	Soil	15	20	0.54	92	0.123	<1	1.81	0.028	0.22	<0.1	<0.01	3.3	0.2	<0.05	6	<0.5
1900N + 275W	Soil	9	12	0.28	232	0.158	1	2.13	0.017	0.09	<0.1	0.03	1.8	0.1	<0.05	7	<0.5
1900N + 250W	Soil	28	21	0.69	110	0.191	<1	1.67	0.020	0.22	<0.1	<0.01	4.2	0.2	<0.05	6	<0.5
1900N + 225W	Soil	5	13	0.24	100	0.138	2	1.90	0.013	0.07	<0.1	0.02	1.5	<0.1	<0.05	7	<0.5
1900N + 200W	Soil	6	21	0.43	80	0.143	<1	1.58	0.013	0.08	<0.1	0.01	1.7	<0.1	<0.05	6	<0.5
1900N + 175W	Soil	6	12	0.21	162	0.136	<1	2.17	0.013	0.06	<0.1	0.03	1.7	<0.1	<0.05	7	<0.5
1900N + 150W	Soil	7	13	0.22	159	0.166	<1	2.71	0.015	0.07	0.1	0.04	1.9	0.1	<0.05	8	<0.5
1900N + 125W	Soil	7	12	0.22	171	0.166	2	2.58	0.015	0.08	<0.1	0.04	1.7	<0.1	<0.05	7	<0.5
1900N + 100W	Soil	8	12	0.22	132	0.155	1	2.68	0.017	0.08	0.2	0.03	1.7	<0.1	<0.05	8	<0.5
1900N + 75W	Soil	15	16	0.34	154	0.152	1	2.18	0.018	0.16	<0.1	0.02	2.8	0.1	<0.05	7	<0.5
1900N + 50W	Soil	23	18	0.41	78	0.169	<1	1.48	0.016	0.16	<0.1	0.01	3.4	0.2	<0.05	5	<0.5
1900N + 25W	Soil	21	21	0.60	76	0.107	<1	1.42	0.019	0.22	<0.1	0.01	4.3	0.2	<0.05	5	<0.5
1900N + 00E	Soil	31	20	0.67	135	0.185	2	2.51	0.021	0.31	<0.1	0.05	3.8	0.3	<0.05	8	0.7
1900N + 25E	Soil	43	26	0.58	187	0.186	2	4.26	0.018	0.29	<0.1	0.03	4.6	0.3	<0.05	10	<0.5
1900N + 50E	Soil	35	23	0.51	163	0.137	2	3.00	0.015	0.29	<0.1	0.03	3.8	0.2	<0.05	9	<0.5
1900N + 75E	Soil	94	26	0.49	210	0.143	3	4.34	0.020	0.20	0.1	0.05	5.3	0.2	<0.05	11	0.5
1900N + 100E	Soil	54	23	0.54	158	0.169	1	2.80	0.021	0.23	0.1	0.02	4.9	0.3	<0.05	9	<0.5
1900N + 125E	Soil	13	10	0.24	296	0.112	2	2.67	0.019	0.14	0.1	0.04	2.3	0.2	<0.05	8	0.6
1900N + 150E	Soil	9	16	0.33	77	0.114	<1	1.86	0.016	0.11	0.1	0.03	1.9	0.1	<0.05	7	<0.5
1900N + 175E	Soil	19	15	0.34	83	0.104	<1	1.44	0.013	0.10	<0.1	0.03	2.2	0.1	<0.05	5	0.6

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Project: KETTLE RIVER
Report Date: August 10, 2009

CERTIFICATE OF ANALYSIS VAN09003361.1

		Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
		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	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1900N + 200E	Soil		0.5	11.0	11.3	136	0.1	12.0	7.0	768	2.55	2.8	2.2	13.3	4.8	40	0.2	0.1	0.3	43	0.31	0.204
1900N + 225E	Soil		0.6	8.3	9.1	54	0.2	10.7	5.9	522	2.05	1.2	1.7	<0.5	3.7	35	<0.1	<0.1	0.2	43	0.26	0.030
1900N + 250E	Soil		0.7	10.1	10.3	101	0.2	8.4	6.6	554	2.40	2.2	1.0	<0.5	3.0	26	0.1	<0.1	0.2	43	0.21	0.216
1900N + 275E	Soil		0.7	13.3	28.0	75	0.3	11.3	6.9	362	2.83	2.9	3.4	<0.5	7.0	24	0.2	<0.1	0.3	45	0.17	0.319
1900N + 300E	Soil		0.9	8.5	9.5	68	<0.1	7.7	6.6	398	2.98	3.2	0.8	15.8	3.8	28	<0.1	0.2	0.2	54	0.21	0.191
1900N + 325E	Soil		0.9	9.3	12.8	71	0.2	10.2	7.4	369	2.58	1.9	5.1	<0.5	3.9	60	<0.1	<0.1	0.3	51	0.34	0.066
1900N + 350E	Soil		0.9	13.1	11.0	59	0.4	10.8	8.2	748	2.87	1.7	9.8	<0.5	6.6	75	0.2	<0.1	0.3	52	0.52	0.038
1900N + 375E	Soil		1.3	20.7	12.4	72	0.5	14.6	9.0	1058	3.12	1.8	12.2	<0.5	6.0	71	0.3	0.1	0.3	55	0.45	0.050
1900N + 400E	Soil		0.6	12.8	9.6	96	<0.1	17.3	10.5	461	3.10	2.3	2.3	1.2	6.0	39	0.2	0.1	0.2	60	0.27	0.103
2000N + 400W	Soil		0.6	8.1	18.6	170	0.4	6.6	6.9	1765	2.89	3.5	3.1	<0.5	5.9	43	0.5	0.2	0.4	49	0.36	0.158
2000N + 375W	Soil		0.8	9.4	14.5	184	<0.1	7.3	8.2	1232	3.49	3.3	1.2	<0.5	8.0	31	0.3	0.2	0.3	57	0.26	0.191
2000N + 350W	Soil		0.9	7.5	15.3	133	0.2	8.2	7.8	849	3.17	4.9	1.4	1.8	6.6	30	0.2	0.2	0.4	52	0.28	0.133
2000N + 325W	Soil		0.7	6.1	7.4	50	<0.1	6.1	5.6	459	2.15	2.0	0.8	<0.5	4.0	29	<0.1	<0.1	0.2	41	0.24	0.070
2000N + 300W	Soil		0.7	8.6	10.2	70	0.3	7.7	6.6	578	2.47	2.0	2.3	<0.5	5.9	23	0.2	0.1	0.3	44	0.21	0.107
2000N + 275W	Soil		0.7	10.1	10.6	69	0.3	8.4	7.2	439	2.45	2.8	1.3	<0.5	4.5	21	0.2	<0.1	0.3	43	0.19	0.109
2000N + 250W	Soil		0.7	8.5	8.3	63	0.2	12.3	9.9	587	3.07	2.5	6.1	1.2	8.0	36	0.2	<0.1	0.2	56	0.40	0.106
2000N + 225W	Soil		0.7	10.2	11.2	85	0.3	8.6	7.2	303	2.66	2.2	6.1	1.8	7.0	30	0.1	<0.1	0.4	46	0.19	0.097
2000N + 200W	Soil		1.0	11.2	12.6	134	0.2	10.8	7.7	1555	2.87	3.2	6.6	<0.5	6.7	32	0.2	0.1	0.5	45	0.23	0.110
2000N + 175W	Soil		1.0	7.6	10.7	77	0.4	10.5	7.1	391	2.60	2.1	6.3	2.8	4.0	30	0.1	<0.1	0.4	48	0.24	0.072
2000N + 150W	Soil		0.9	9.3	18.9	116	0.1	9.1	6.4	2428	1.98	2.6	3.0	2.0	2.1	66	0.4	0.2	0.3	35	0.60	0.105
2000N + 125W	Soil		0.7	26.8	13.5	84	0.8	19.5	9.1	771	3.71	3.1	20.9	1.0	7.9	94	0.5	0.1	0.3	57	0.73	0.041
2000N + 100W	Soil		0.8	13.7	14.9	95	0.3	14.2	8.5	944	2.96	2.2	16.7	1.2	5.1	81	0.3	0.2	0.3	49	0.67	0.060
2000N + 75W	Soil		0.6	9.9	12.1	97	0.1	16.6	9.1	605	2.88	1.1	4.5	1.9	3.7	54	0.2	0.1	0.2	53	0.46	0.044
2000N + 50W	Soil		0.6	9.4	9.1	101	0.2	11.2	7.0	317	2.24	2.1	1.5	22.9	4.5	20	0.2	0.1	0.3	35	0.17	0.238
2000N + 25W	Soil		0.3	7.3	6.1	70	<0.1	9.8	6.0	316	2.06	1.1	1.3	<0.5	3.4	34	<0.1	<0.1	0.1	40	0.31	0.067
2000N + 00E	Soil		0.8	9.8	7.5	72	<0.1	11.7	9.1	736	2.80	1.6	2.2	2.8	5.9	30	0.1	0.1	0.2	54	0.39	0.120
2000N + 25E	Soil		0.7	11.9	14.3	196	0.2	5.3	7.6	2737	2.72	4.6	1.5	0.9	6.2	23	0.7	0.1	0.3	41	0.22	0.321
2000N + 50E	Soil		0.7	9.5	14.9	134	0.3	20.4	9.0	1439	2.83	3.7	1.3	2.4	3.7	28	0.5	0.2	0.3	46	0.25	0.196
2000N + 75E	Soil		0.7	7.1	11.7	103	<0.1	9.6	8.0	963	2.81	2.0	0.9	<0.5	4.4	18	0.1	0.2	0.2	48	0.19	0.107
2000N + 100E	Soil		0.6	5.9	10.3	95	<0.1	9.2	6.7	597	2.42	2.1	0.8	0.5	4.0	17	<0.1	0.1	0.3	42	0.14	0.111

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	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1900N + 200E	Soil	19	16	0.30	136	0.127	<1	2.99	0.015	0.09	0.2	0.02	2.4	0.1	<0.05	9	0.7
1900N + 225E	Soil	17	16	0.35	97	0.099	<1	1.88	0.025	0.09	<0.1	0.02	2.7	0.1	<0.05	6	<0.5
1900N + 250E	Soil	9	12	0.32	132	0.133	<1	3.02	0.015	0.11	0.2	0.02	2.1	<0.1	<0.05	9	<0.5
1900N + 275E	Soil	20	22	0.35	113	0.161	1	4.62	0.015	0.10	0.2	0.06	3.2	0.1	<0.05	12	<0.5
1900N + 300E	Soil	7	12	0.29	88	0.135	<1	2.33	0.010	0.06	0.2	0.03	1.8	0.1	<0.05	9	0.6
1900N + 325E	Soil	39	16	0.26	125	0.153	<1	2.34	0.016	0.09	<0.1	0.03	3.1	0.1	<0.05	9	0.5
1900N + 350E	Soil	61	20	0.40	123	0.123	<1	2.62	0.016	0.11	<0.1	0.03	4.9	0.2	<0.05	7	<0.5
1900N + 375E	Soil	76	20	0.38	145	0.134	<1	3.01	0.016	0.12	<0.1	0.02	4.4	0.2	<0.05	10	0.9
1900N + 400E	Soil	15	23	0.55	166	0.159	<1	2.09	0.016	0.14	<0.1	0.02	3.1	0.2	<0.05	6	<0.5
2000N + 400W	Soil	31	11	0.43	192	0.136	3	2.13	0.012	0.15	<0.1	0.05	2.5	0.2	<0.05	10	0.5
2000N + 375W	Soil	23	12	0.63	191	0.153	2	2.59	0.013	0.18	<0.1	0.04	3.5	0.3	<0.05	13	<0.5
2000N + 350W	Soil	15	11	0.43	159	0.126	1	2.53	0.012	0.17	<0.1	0.03	2.5	0.2	<0.05	11	<0.5
2000N + 325W	Soil	11	9	0.25	110	0.130	<1	1.46	0.008	0.09	0.1	0.01	1.6	0.1	<0.05	5	<0.5
2000N + 300W	Soil	24	11	0.32	102	0.150	1	2.04	0.010	0.11	0.1	0.03	2.7	0.1	<0.05	7	<0.5
2000N + 275W	Soil	11	11	0.25	143	0.162	<1	2.73	0.015	0.09	0.1	0.02	2.0	0.1	<0.05	8	<0.5
2000N + 250W	Soil	30	19	0.57	98	0.193	<1	1.61	0.014	0.19	<0.1	<0.01	3.8	0.2	<0.05	6	0.6
2000N + 225W	Soil	23	12	0.31	142	0.158	<1	2.97	0.019	0.10	0.1	0.03	3.0	0.2	<0.05	9	<0.5
2000N + 200W	Soil	24	15	0.34	186	0.141	1	3.22	0.012	0.12	<0.1	0.03	3.1	0.2	<0.05	9	0.5
2000N + 175W	Soil	30	14	0.29	94	0.139	1	2.72	0.013	0.12	0.1	0.02	2.0	0.1	<0.05	9	<0.5
2000N + 150W	Soil	20	14	0.30	174	0.095	3	1.90	0.013	0.11	<0.1	0.04	1.9	0.2	<0.05	7	0.6
2000N + 125W	Soil	80	28	0.50	157	0.162	2	4.47	0.021	0.17	0.1	0.03	5.7	0.3	<0.05	12	<0.5
2000N + 100W	Soil	33	20	0.42	155	0.150	3	3.48	0.017	0.14	<0.1	0.03	3.6	0.2	<0.05	9	0.5
2000N + 75W	Soil	20	23	0.45	115	0.155	2	2.85	0.025	0.15	<0.1	0.01	3.0	0.2	<0.05	8	<0.5
2000N + 50W	Soil	11	12	0.26	114	0.150	2	3.25	0.014	0.09	0.2	0.02	2.4	0.1	<0.05	9	<0.5
2000N + 25W	Soil	13	14	0.38	79	0.099	<1	1.71	0.017	0.11	<0.1	<0.01	2.6	<0.1	<0.05	6	<0.5
2000N + 00E	Soil	22	20	0.57	95	0.144	<1	1.65	0.024	0.20	0.1	0.01	3.4	0.2	<0.05	6	<0.5
2000N + 25E	Soil	22	9	0.29	291	0.128	2	2.26	0.014	0.17	0.2	0.03	2.6	0.2	<0.05	11	<0.5
2000N + 50E	Soil	16	31	0.38	215	0.142	2	2.95	0.015	0.10	0.2	0.05	2.3	0.2	<0.05	11	<0.5
2000N + 75E	Soil	9	13	0.42	135	0.169	3	2.52	0.015	0.14	<0.1	0.03	2.2	0.2	<0.05	9	<0.5
2000N + 100E	Soil	13	11	0.37	104	0.151	2	2.47	0.014	0.14	<0.1	0.02	2.0	0.2	<0.05	8	<0.5

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P.O. Box 1192
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Project: KETTLE RIVER
Report Date: August 10, 2009

CERTIFICATE OF ANALYSIS VAN09003361.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	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	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2000N + 125E	Soil	0.7	8.3	12.4	97	<0.1	9.3	6.9	765	2.54	2.6	1.0	2.6	4.3	28	0.2	0.2	0.3	40	0.24	0.212
2000N + 150E	Soil	0.4	7.8	7.3	65	<0.1	8.4	6.8	422	2.54	1.1	1.1	1.8	4.3	29	0.1	<0.1	0.1	44	0.29	0.148
2000N + 175E	Soil	0.6	7.6	8.7	116	0.1	9.9	6.5	1011	2.33	1.2	0.8	1.0	3.8	19	0.2	<0.1	0.2	41	0.21	0.139
2000N + 200E	Soil	0.8	11.3	11.4	131	0.2	13.1	9.7	1924	3.51	1.6	4.8	1.7	5.6	36	0.3	0.1	0.3	54	0.25	0.163
2000N + 225E	Soil	0.9	9.3	10.8	110	0.2	13.1	9.6	1163	3.36	1.2	6.4	0.6	6.8	44	0.2	<0.1	0.3	52	0.32	0.102
2000N + 250E	Soil	0.8	12.7	10.7	90	0.5	14.1	10.8	1584	3.81	1.9	11.4	1.9	8.5	98	0.5	0.1	0.3	56	0.76	0.137
2000N + 275E	Soil	1.2	7.7	9.1	69	0.3	11.6	8.5	711	3.26	1.8	4.0	<0.5	4.1	34	0.1	<0.1	0.2	54	0.26	0.056
2000N + 300E	Soil	1.1	6.6	9.6	52	0.3	8.8	5.3	225	2.42	1.9	3.5	<0.5	2.5	60	0.2	0.1	0.2	51	0.41	0.041
2000N + 325E	Soil	0.7	5.4	9.7	58	0.1	5.8	4.6	232	2.51	0.9	1.0	0.9	1.9	34	<0.1	<0.1	0.2	56	0.24	0.031
2000N + 350E	Soil	1.0	6.7	9.6	61	0.4	10.4	8.3	709	3.32	1.3	4.3	3.9	3.9	86	0.2	0.1	0.3	56	0.68	0.055
2000N + 375E	Soil	1.0	6.9	9.1	62	0.2	9.4	7.6	665	2.91	0.9	4.6	<0.5	4.1	72	0.2	<0.1	0.2	50	0.55	0.047
2000N + 400E	Soil	1.2	8.1	9.1	69	0.2	10.5	10.2	973	3.60	1.8	7.8	1.7	6.4	62	0.1	<0.1	0.2	64	0.44	0.061
2100N + 400W	Soil	0.8	8.5	17.2	95	0.2	12.7	8.5	889	3.63	3.1	9.3	5.8	8.6	50	0.2	0.2	0.6	59	0.39	0.113
2100N + 375W	Soil	0.7	6.1	13.9	146	0.1	8.5	7.2	1319	2.82	1.6	1.5	6.3	4.8	33	0.4	0.1	0.4	45	0.28	0.123
2100N + 350W	Soil	0.4	9.8	11.0	176	0.1	5.5	6.1	1727	2.14	2.5	1.0	1.0	4.2	75	0.5	<0.1	0.3	31	0.52	0.301
2100N + 325W	Soil	0.7	9.6	10.2	67	0.5	8.3	7.0	371	2.66	2.5	5.1	0.9	5.8	20	0.2	0.1	0.3	44	0.19	0.166
2100N + 300W	Soil	0.7	7.9	9.8	69	0.4	8.3	7.0	330	2.52	2.5	3.6	<0.5	4.6	27	0.2	<0.1	0.3	43	0.22	0.087
2100N + 275W	Soil	0.9	8.9	54.3	244	5.3	7.3	6.9	536	2.77	8.7	11.4	39.3	5.6	28	0.5	0.2	0.3	37	0.24	0.173
2100N + 250W	Soil	1.1	16.1	17.3	153	2.6	10.1	7.1	1417	3.87	4.5	27.3	3.8	13.6	86	0.7	0.1	0.7	48	0.67	0.072
2100N + 225W	Soil	0.6	11.2	10.9	116	0.6	10.2	7.8	383	2.79	2.0	15.1	2.8	5.9	39	0.2	<0.1	0.3	44	0.29	0.097
2100N + 200W	Soil	0.5	7.4	14.4	104	0.2	9.3	7.4	777	2.48	3.9	2.1	3.9	3.4	23	0.1	0.2	0.3	43	0.20	0.147
2100N + 175W	Soil	0.9	10.5	9.1	71	0.4	10.7	8.4	1183	2.79	1.5	16.3	<0.5	5.6	64	0.2	0.1	0.3	50	0.55	0.042
2100N + 150W	Soil	0.5	6.7	11.9	120	0.2	10.4	6.5	899	2.04	2.3	0.7	<0.5	2.4	18	0.2	0.1	0.3	31	0.16	0.252
2100N + 125W	Soil	0.5	9.8	8.6	112	0.2	13.3	7.2	323	2.35	2.4	1.1	1.4	3.2	17	0.2	<0.1	0.2	37	0.15	0.177
2100N + 100W	Soil	0.4	4.5	7.2	54	<0.1	6.2	4.9	402	1.83	1.1	1.0	<0.5	2.1	14	<0.1	<0.1	0.2	41	0.15	0.037
2100N + 75W	Soil	0.5	6.1	8.1	86	<0.1	9.6	5.5	862	1.84	1.9	0.9	<0.5	2.7	14	0.2	0.1	0.2	34	0.14	0.155
2100N + 50W	Soil	0.7	7.0	12.3	112	0.1	10.4	6.1	909	2.05	2.2	1.0	1.9	2.6	25	0.3	0.1	0.3	35	0.24	0.230
2100N + 25W	Soil	0.5	4.8	7.7	60	<0.1	6.1	5.3	395	1.75	1.3	0.5	<0.5	1.8	15	<0.1	<0.1	0.2	39	0.14	0.066
2100N + 00E	Soil	0.6	4.8	7.9	55	<0.1	8.9	7.8	330	2.16	0.8	0.8	2.5	2.4	27	0.1	<0.1	0.2	46	0.14	0.086
2100N + 25E	Soil	0.7	9.8	10.3	78	<0.1	11.0	7.5	774	2.49	1.0	3.0	0.8	3.9	54	0.2	0.1	0.2	48	0.37	0.053

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CERTIFICATE OF ANALYSIS VAN09003361.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
2000N + 125E	Soil	9	11	0.33	140	0.159	3	2.83	0.016	0.13	0.1	0.02	2.0	0.2	<0.05	9	<0.5
2000N + 150E	Soil	10	16	0.48	69	0.088	<1	1.54	0.018	0.17	<0.1	<0.01	2.2	0.2	<0.05	6	<0.5
2000N + 175E	Soil	9	15	0.39	196	0.101	2	2.25	0.014	0.14	0.1	0.01	2.2	0.1	<0.05	8	<0.5
2000N + 200E	Soil	35	21	0.41	294	0.134	2	3.34	0.012	0.13	<0.1	0.04	3.9	0.3	<0.05	9	<0.5
2000N + 225E	Soil	40	19	0.41	193	0.152	1	3.37	0.016	0.12	<0.1	0.03	4.3	0.2	<0.05	9	<0.5
2000N + 250E	Soil	73	23	0.50	224	0.155	1	3.40	0.016	0.17	<0.1	0.04	6.6	0.3	<0.05	9	0.8
2000N + 275E	Soil	24	17	0.36	78	0.142	2	2.29	0.014	0.14	<0.1	0.02	2.9	0.2	<0.05	7	<0.5
2000N + 300E	Soil	21	16	0.36	66	0.125	<1	2.01	0.012	0.13	0.1	0.04	2.6	0.2	<0.05	8	<0.5
2000N + 325E	Soil	16	13	0.28	82	0.147	2	1.40	0.014	0.09	<0.1	<0.01	1.5	<0.1	<0.05	8	<0.5
2000N + 350E	Soil	26	18	0.43	116	0.123	2	2.59	0.012	0.15	<0.1	0.04	3.0	0.2	<0.05	8	<0.5
2000N + 375E	Soil	38	17	0.41	114	0.130	1	2.29	0.016	0.09	<0.1	0.04	3.1	0.2	<0.05	8	<0.5
2000N + 400E	Soil	44	20	0.50	142	0.166	2	2.56	0.013	0.13	0.1	0.04	4.7	0.2	<0.05	8	<0.5
2100N + 400W	Soil	36	18	0.62	136	0.145	2	3.08	0.011	0.18	0.1	0.02	3.4	0.2	<0.05	11	<0.5
2100N + 375W	Soil	18	12	0.38	170	0.154	2	2.72	0.014	0.17	0.2	0.02	2.3	0.2	<0.05	9	<0.5
2100N + 350W	Soil	15	9	0.28	262	0.117	3	1.86	0.015	0.14	0.1	0.03	2.0	0.1	<0.05	7	<0.5
2100N + 325W	Soil	25	13	0.33	102	0.174	1	3.35	0.014	0.11	0.1	0.06	2.6	0.1	<0.05	9	<0.5
2100N + 300W	Soil	15	13	0.27	79	0.175	2	2.88	0.018	0.08	0.1	0.03	2.1	0.1	<0.05	8	<0.5
2100N + 275W	Soil	24	11	0.26	74	0.141	2	3.39	0.016	0.11	0.1	0.06	2.4	0.2	<0.05	8	<0.5
2100N + 250W	Soil	102	16	0.40	129	0.126	2	4.30	0.018	0.17	0.1	0.06	5.7	0.3	<0.05	10	1.0
2100N + 225W	Soil	26	13	0.35	101	0.173	3	2.98	0.018	0.14	0.1	0.03	2.9	0.2	<0.05	7	<0.5
2100N + 200W	Soil	10	13	0.28	103	0.151	2	2.23	0.013	0.11	0.1	0.04	1.8	0.1	<0.05	8	<0.5
2100N + 175W	Soil	62	18	0.39	129	0.148	<1	2.90	0.016	0.11	<0.1	0.03	4.0	0.2	<0.05	8	0.5
2100N + 150W	Soil	5	12	0.19	137	0.155	2	2.76	0.018	0.06	0.1	0.04	1.6	0.1	<0.05	9	<0.5
2100N + 125W	Soil	9	15	0.28	110	0.128	<1	3.04	0.016	0.10	0.2	0.02	2.2	<0.1	<0.05	8	<0.5
2100N + 100W	Soil	6	12	0.28	64	0.121	<1	1.06	0.010	0.09	<0.1	0.02	1.3	0.1	0.09	4	<0.5
2100N + 75W	Soil	7	11	0.24	148	0.108	1	2.07	0.014	0.06	0.1	0.03	1.8	<0.1	<0.05	6	<0.5
2100N + 50W	Soil	7	10	0.21	168	0.136	<1	2.57	0.013	0.08	0.2	0.05	1.6	<0.1	0.05	8	<0.5
2100N + 25W	Soil	7	11	0.25	76	0.094	<1	1.04	0.009	0.06	<0.1	<0.01	1.2	<0.1	<0.05	6	<0.5
2100N + 00E	Soil	7	13	0.21	90	0.151	<1	1.24	0.016	0.08	<0.1	0.02	1.4	<0.1	<0.05	4	<0.5
2100N + 25E	Soil	39	16	0.31	127	0.142	<1	1.51	0.016	0.15	<0.1	0.03	4.3	0.1	<0.05	6	<0.5

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	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	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	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2100N + 50E	Soil	0.7	6.2	13.0	104	0.2	10.9	7.4	538	2.28	2.2	0.7	0.8	3.2	24	<0.1	0.1	0.4	38	0.16	0.182
2100N + 75E	Soil	0.6	4.9	10.6	66	<0.1	8.3	6.1	467	2.14	0.6	0.8	0.6	2.2	30	<0.1	<0.1	0.2	47	0.13	0.037
2100N + 100E	Soil	0.6	5.7	10.3	58	<0.1	9.2	6.8	260	2.10	0.6	1.0	1.9	2.4	29	<0.1	<0.1	0.1	48	0.12	0.051
2100N + 125E	Soil	0.6	6.5	9.6	61	<0.1	9.1	8.6	533	2.28	0.8	1.6	6.3	2.9	40	<0.1	<0.1	0.2	51	0.19	0.070
2100N + 150E	Soil	0.8	10.5	8.7	61	<0.1	11.7	8.0	386	2.50	0.9	2.2	2.2	4.2	51	0.1	<0.1	0.2	57	0.29	0.074
2100N + 175E	Soil	0.8	11.6	10.3	70	<0.1	12.1	10.7	827	2.58	0.9	2.5	1.3	4.2	55	0.2	<0.1	0.2	58	0.36	0.079
2100N + 200E	Soil	0.9	8.4	9.4	79	<0.1	11.8	7.9	562	2.37	0.5	2.7	1.4	3.5	52	0.1	<0.1	0.2	49	0.27	0.077
2100N + 225E	Soil	0.8	8.1	9.5	61	<0.1	9.1	9.2	578	2.35	1.3	2.4	0.6	3.2	35	0.1	0.1	0.2	52	0.20	0.069
2100N + 250E	Soil	0.9	9.9	9.9	85	<0.1	10.4	7.8	857	2.34	1.1	2.0	0.7	3.0	36	0.1	<0.1	0.2	47	0.19	0.083
2100N + 275E	Soil	0.6	11.2	8.2	83	0.1	11.3	8.0	414	2.68	1.2	2.3	<0.5	4.3	28	0.1	<0.1	0.2	49	0.17	0.093
2100N + 300E	Soil	1.1	13.0	11.4	89	0.2	11.5	7.1	1276	2.56	1.4	4.8	<0.5	3.0	48	0.2	0.1	0.3	46	0.32	0.082
2100N + 325E	Soil	0.7	7.9	11.8	103	<0.1	6.1	5.5	1221	1.95	2.6	0.7	19.6	2.5	22	0.1	<0.1	0.2	35	0.18	0.345
2100N + 350E	Soil	0.8	10.7	13.2	73	0.2	9.7	5.8	217	2.73	1.8	2.7	<0.5	4.1	63	0.3	0.2	0.3	43	0.31	0.121
2100N + 375E	Soil	1.2	15.6	10.5	80	0.2	13.3	8.0	537	2.72	1.8	5.2	0.9	1.5	78	0.2	0.1	0.2	47	0.53	0.102
2100N + 400E	Soil	1.0	12.0	8.4	85	0.1	11.5	8.4	733	2.41	1.8	1.2	0.6	3.3	33	0.2	0.1	0.1	50	0.40	0.158
2200N + 400W	Soil	0.5	6.4	16.0	119	<0.1	5.9	5.6	1547	2.30	2.1	1.3	1.0	4.6	54	0.3	0.2	1.6	33	0.49	0.169
2200N + 375W	Soil	0.8	5.8	13.0	89	<0.1	6.3	6.1	780	2.42	1.6	1.5	1.6	4.7	32	0.1	0.1	1.2	39	0.27	0.094
2200N + 350W	Soil	0.8	6.0	11.3	95	0.3	6.2	6.4	590	2.72	2.0	1.6	1.5	5.5	29	0.3	<0.1	0.7	43	0.23	0.079
2200N + 325W	Soil	0.8	6.0	13.0	102	<0.1	3.9	5.7	508	3.29	4.3	1.9	<0.5	4.1	14	0.2	0.2	0.4	64	0.14	0.073
2200N + 300W	Soil	0.7	7.2	9.8	99	0.1	9.2	8.0	699	3.28	1.8	2.2	<0.5	5.3	25	0.2	0.1	0.4	59	0.22	0.126
2200N + 275W	Soil	0.7	8.1	9.7	91	<0.1	8.1	7.7	533	2.82	2.2	2.6	1.4	5.7	20	0.2	0.1	0.3	49	0.21	0.095
2200N + 250W	Soil	0.5	8.2	12.3	108	0.1	7.6	7.5	1306	2.56	1.7	1.6	1.5	3.8	23	0.3	<0.1	0.3	46	0.20	0.106
2200N + 225W	Soil	0.5	9.3	11.9	98	<0.1	8.2	6.6	1289	2.06	1.8	1.4	2.0	2.1	37	0.2	<0.1	0.2	38	0.30	0.131
2200N + 200W	Soil	0.4	7.2	9.6	99	<0.1	11.0	7.7	512	2.22	1.6	0.8	<0.5	2.7	17	0.1	0.1	0.2	43	0.17	0.120
2200N + 175W	Soil	0.4	6.1	9.0	98	0.1	8.1	6.4	801	1.80	1.6	0.6	<0.5	2.4	17	0.2	<0.1	0.2	31	0.13	0.175
2200N + 150W	Soil	0.4	6.4	11.0	131	<0.1	5.5	6.1	2560	1.58	1.4	0.4	1.1	1.7	28	0.3	<0.1	0.2	32	0.23	0.117
2200N + 125W	Soil	0.7	7.1	10.9	97	<0.1	13.1	7.9	991	2.44	2.2	0.6	1.0	2.2	20	0.2	0.1	0.3	45	0.18	0.143
2200N + 100W	Soil	0.7	5.7	9.3	62	0.1	5.8	6.4	298	2.25	3.2	1.5	1.2	3.6	48	0.2	0.1	0.2	45	0.36	0.057
2200N + 75W	Soil	0.6	9.0	9.6	113	0.1	12.9	8.0	719	2.32	1.9	0.9	0.7	3.0	32	0.2	0.1	0.2	40	0.24	0.235
2200N + 50W	Soil	1.0	6.4	11.7	60	<0.1	10.6	7.4	629	2.34	1.1	1.5	4.2	2.1	42	0.1	0.1	0.2	47	0.27	0.055

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Project: KETTLE RIVER
Report Date: August 10, 2009

CERTIFICATE OF ANALYSIS VAN09003361.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
2100N + 50E	Soil	8	13	0.27	134	0.123	<1	2.35	0.012	0.12	<0.1	0.05	1.6	0.1	<0.05	7	<0.5
2100N + 75E	Soil	6	13	0.19	117	0.195	<1	1.32	0.011	0.09	<0.1	0.01	1.2	0.1	<0.05	5	<0.5
2100N + 100E	Soil	7	13	0.17	74	0.190	<1	1.01	0.008	0.08	<0.1	0.02	1.4	<0.1	<0.05	4	<0.5
2100N + 125E	Soil	9	15	0.20	107	0.174	1	1.01	0.010	0.10	0.1	0.01	1.9	0.1	<0.05	4	<0.5
2100N + 150E	Soil	16	18	0.26	86	0.190	<1	1.22	0.014	0.17	<0.1	0.02	3.2	0.1	0.05	4	<0.5
2100N + 175E	Soil	19	18	0.28	108	0.189	<1	1.25	0.010	0.16	<0.1	0.02	3.3	0.1	0.05	5	<0.5
2100N + 200E	Soil	14	17	0.24	133	0.164	1	1.35	0.014	0.10	<0.1	0.02	2.6	0.1	<0.05	5	<0.5
2100N + 225E	Soil	14	16	0.23	97	0.162	<1	1.10	0.009	0.10	<0.1	0.02	2.4	0.1	<0.05	4	<0.5
2100N + 250E	Soil	13	16	0.21	150	0.160	<1	1.47	0.010	0.08	<0.1	0.02	2.4	0.1	<0.05	6	<0.5
2100N + 275E	Soil	13	15	0.40	140	0.114	<1	2.55	0.013	0.10	<0.1	<0.01	2.3	0.1	<0.05	8	<0.5
2100N + 300E	Soil	65	16	0.29	102	0.104	<1	2.32	0.013	0.09	<0.1	0.04	2.9	0.1	0.05	8	<0.5
2100N + 325E	Soil	5	9	0.19	174	0.119	1	2.44	0.010	0.06	0.1	0.04	1.4	0.1	<0.05	8	<0.5
2100N + 350E	Soil	15	15	0.28	97	0.097	<1	2.54	0.008	0.09	0.1	0.05	2.2	0.1	0.05	9	<0.5
2100N + 375E	Soil	34	18	0.30	114	0.083	<1	2.36	0.008	0.09	<0.1	0.04	2.6	<0.1	<0.05	8	<0.5
2100N + 400E	Soil	10	19	0.53	133	0.089	<1	1.93	0.012	0.14	0.2	0.03	2.3	0.1	0.05	6	<0.5
2200N + 400W	Soil	17	9	0.34	204	0.059	<1	2.02	0.013	0.13	<0.1	0.03	1.8	0.1	<0.05	8	<0.5
2200N + 375W	Soil	20	10	0.34	121	0.078	<1	1.99	0.011	0.14	<0.1	0.02	1.7	0.1	<0.05	8	<0.5
2200N + 350W	Soil	16	10	0.35	107	0.083	1	2.06	0.011	0.17	<0.1	0.02	1.7	0.2	<0.05	8	<0.5
2200N + 325W	Soil	12	10	0.47	128	0.153	<1	1.51	0.011	0.16	0.1	0.03	2.2	0.3	<0.05	14	<0.5
2200N + 300W	Soil	12	12	0.50	130	0.193	<1	2.38	0.012	0.23	0.2	0.01	2.4	0.3	<0.05	10	<0.5
2200N + 275W	Soil	15	11	0.44	121	0.180	1	2.66	0.014	0.19	0.2	0.04	2.5	0.3	<0.05	9	<0.5
2200N + 250W	Soil	12	11	0.33	196	0.162	<1	2.09	0.015	0.14	<0.1	0.02	1.7	0.2	<0.05	8	<0.5
2200N + 225W	Soil	13	11	0.28	170	0.121	<1	1.64	0.011	0.11	0.1	0.02	1.7	0.1	<0.05	7	<0.5
2200N + 200W	Soil	7	13	0.31	115	0.129	<1	2.04	0.023	0.13	0.1	0.02	1.8	0.1	<0.05	8	<0.5
2200N + 175W	Soil	7	9	0.17	119	0.126	<1	1.89	0.013	0.07	0.1	0.03	1.3	<0.1	<0.05	7	<0.5
2200N + 150W	Soil	5	10	0.15	230	0.133	<1	1.02	0.012	0.07	<0.1	0.02	1.1	<0.1	<0.05	6	<0.5
2200N + 125W	Soil	6	14	0.28	140	0.164	<1	2.18	0.017	0.09	<0.1	0.04	1.6	0.1	<0.05	8	<0.5
2200N + 100W	Soil	15	10	0.29	124	0.122	1	1.32	0.015	0.09	<0.1	0.02	1.9	<0.1	<0.05	5	<0.5
2200N + 75W	Soil	8	13	0.25	153	0.140	1	2.17	0.014	0.09	<0.1	0.03	1.6	<0.1	<0.05	8	<0.5
2200N + 50W	Soil	8	14	0.25	107	0.158	2	1.21	0.017	0.07	<0.1	0.03	1.9	<0.1	<0.05	5	<0.5

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Project: KETTLE RIVER
Report Date: August 10, 2009

CERTIFICATE OF ANALYSIS VAN09003361.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	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	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2200N + 25W	Soil	1.7	13.1	9.5	72	<0.1	15.1	8.0	1647	2.86	0.6	7.3	1.0	3.6	51	0.1	0.1	0.2	50	0.29	0.044
2200N + 00E	Soil	0.7	8.3	8.2	66	<0.1	9.7	8.1	736	2.25	0.6	3.1	1.7	3.0	46	0.1	<0.1	0.2	44	0.31	0.041
2200N + 25E	Soil	0.8	8.4	10.2	100	<0.1	13.5	8.1	600	2.02	1.1	0.9	2.1	2.4	42	0.1	<0.1	0.2	40	0.24	0.123
2200N + 50E	Soil	1.2	9.5	17.4	85	<0.1	9.7	11.1	1536	1.91	1.3	0.8	1.0	2.2	49	0.3	0.2	0.2	43	0.31	0.083
2200N + 75E	Soil	0.6	7.2	8.8	62	<0.1	9.1	6.5	283	2.12	0.7	1.1	0.7	3.0	33	0.1	<0.1	0.2	47	0.16	0.056
2200N + 100E	Soil	0.6	8.7	10.5	76	<0.1	9.8	8.7	568	2.27	1.1	0.9	0.9	3.0	30	0.2	<0.1	0.2	46	0.18	0.077
2200N + 125E	Soil	0.5	8.7	9.4	92	<0.1	9.4	6.9	340	2.27	0.5	1.2	0.9	3.2	29	0.1	<0.1	0.2	46	0.15	0.073
2200N + 150E	Soil	0.7	11.5	9.7	99	<0.1	12.4	8.6	930	2.26	1.4	1.2	<0.5	3.7	40	0.1	<0.1	0.2	40	0.27	0.144
2200N + 175E	Soil	0.8	7.4	12.4	117	<0.1	8.7	6.4	1169	2.06	1.8	0.7	1.0	3.1	25	0.2	0.1	0.2	37	0.23	0.121
2200N + 200E	Soil	0.7	7.9	10.4	138	0.1	8.6	6.9	1318	2.39	1.9	0.8	7.8	3.4	26	0.2	0.1	0.2	42	0.21	0.157
2200N + 225E	Soil	0.7	10.1	14.5	108	0.1	9.2	6.9	945	2.29	1.6	1.2	<0.5	3.6	27	0.2	<0.1	0.2	43	0.26	0.151
2200N + 250E	Soil	1.2	7.0	10.5	89	<0.1	8.2	6.6	1051	2.21	2.2	0.8	<0.5	2.9	18	0.1	0.1	0.2	38	0.16	0.184
2200N + 275E	Soil	1.0	11.0	11.7	107	0.1	11.3	8.1	735	2.37	2.0	1.5	<0.5	3.3	31	0.2	<0.1	0.2	45	0.21	0.147
2200N + 300E	Soil	0.7	14.8	10.9	220	0.1	17.0	10.1	1058	2.75	1.7	2.6	<0.5	3.5	61	0.2	<0.1	0.2	44	0.38	0.265
2200N + 325E	Soil	0.8	7.5	11.1	145	0.1	10.0	5.4	1270	1.41	1.5	0.4	<0.5	1.6	46	0.2	<0.1	0.2	27	0.18	0.274
2200N + 350E	Soil	0.6	8.5	11.0	171	<0.1	8.2	7.4	1237	2.90	1.7	0.8	25.5	4.0	25	0.2	<0.1	0.2	49	0.23	0.257
2200N + 375E	Soil	1.0	6.8	9.6	53	<0.1	6.7	6.7	297	2.36	3.0	0.8	<0.5	2.4	27	0.1	<0.1	0.2	45	0.21	0.131
2200N + 400E	Soil	0.8	15.9	9.5	35	0.5	5.9	5.1	328	1.95	1.7	22.3	0.6	4.3	52	0.1	<0.1	0.2	33	0.54	0.068

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Project: KETTLE RIVER
Report Date: August 10, 2009

CERTIFICATE OF ANALYSIS VAN09003361.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
2200N + 25W	Soil	28	17	0.28	116	0.154	<1	1.55	0.015	0.08	<0.1	0.03	3.5	0.1	0.06	6	0.6
2200N + 00E	Soil	17	15	0.31	92	0.146	<1	1.02	0.019	0.11	<0.1	0.01	2.5	0.1	<0.05	4	<0.5
2200N + 25E	Soil	10	12	0.20	141	0.143	<1	1.50	0.013	0.11	<0.1	0.02	1.7	<0.1	0.06	5	<0.5
2200N + 50E	Soil	9	12	0.15	198	0.148	<1	0.89	0.007	0.09	<0.1	0.03	1.7	0.1	<0.05	4	<0.5
2200N + 75E	Soil	8	14	0.19	104	0.186	1	1.04	0.009	0.11	<0.1	0.01	1.6	<0.1	<0.05	4	<0.5
2200N + 100E	Soil	9	14	0.26	122	0.172	<1	1.41	0.011	0.17	<0.1	0.01	1.8	0.1	<0.05	5	<0.5
2200N + 125E	Soil	9	15	0.25	122	0.173	<1	1.61	0.009	0.14	<0.1	0.02	1.9	0.1	<0.05	5	<0.5
2200N + 150E	Soil	11	14	0.28	213	0.147	2	2.47	0.013	0.20	<0.1	0.02	2.3	0.1	<0.05	8	<0.5
2200N + 175E	Soil	8	12	0.32	166	0.111	1	1.87	0.012	0.11	0.1	0.03	1.5	0.1	<0.05	7	<0.5
2200N + 200E	Soil	9	11	0.30	221	0.138	<1	2.04	0.012	0.11	0.2	0.04	1.7	0.1	<0.05	8	<0.5
2200N + 225E	Soil	11	12	0.32	174	0.156	3	2.81	0.015	0.11	0.1	0.02	2.0	0.1	<0.05	9	0.5
2200N + 250E	Soil	7	11	0.24	98	0.129	1	2.28	0.014	0.09	0.1	0.03	1.6	<0.1	<0.05	8	<0.5
2200N + 275E	Soil	13	15	0.29	164	0.135	<1	2.48	0.012	0.10	<0.1	0.03	2.4	0.1	<0.05	8	<0.5
2200N + 300E	Soil	18	19	0.29	232	0.125	1	2.77	0.013	0.09	<0.1	0.03	2.9	0.1	<0.05	9	<0.5
2200N + 325E	Soil	5	10	0.12	237	0.101	1	1.28	0.010	0.06	<0.1	0.02	1.1	<0.1	<0.05	6	<0.5
2200N + 350E	Soil	9	12	0.41	178	0.182	<1	2.06	0.012	0.13	0.1	0.02	2.2	0.1	<0.05	10	<0.5
2200N + 375E	Soil	6	11	0.22	84	0.140	<1	2.12	0.012	0.06	0.1	0.03	1.4	<0.1	<0.05	8	<0.5
2200N + 400E	Soil	60	13	0.18	47	0.140	<1	3.43	0.030	0.06	0.1	0.09	3.1	<0.1	<0.05	8	1.3

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Project: KETTLE RIVER
Report Date: August 10, 2009

QUALITY CONTROL REPORT VAN09003361.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	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	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1700N + 300W	Soil	0.7	8.0	12.0	112	0.2	8.3	6.1	1430	1.80	2.6	0.5	1.5	1.7	32	0.3	0.1	0.3	32	0.25	0.229
REP 1700N + 300W	QC	0.8	8.3	12.0	113	0.2	8.2	6.0	1540	1.78	2.6	0.5	0.7	1.6	35	0.4	0.1	0.3	32	0.27	0.237
1700N + 150E	Soil	1.2	10.1	9.6	82	0.2	11.8	6.8	1433	2.20	2.1	1.1	1.6	2.4	42	0.1	0.1	0.2	39	0.35	0.103
REP 1700N + 150E	QC	0.9	9.7	9.5	85	0.2	11.9	6.8	1421	2.15	2.3	1.2	1.7	2.3	43	0.2	0.2	0.2	39	0.36	0.101
1800N + 75W	Soil	0.5	8.5	4.4	37	<0.1	8.3	6.3	384	2.28	1.6	1.4	3.4	5.0	29	<0.1	<0.1	0.2	44	0.34	0.101
REP 1800N + 75W	QC	0.5	8.7	4.6	39	<0.1	8.4	5.9	387	2.30	1.6	1.4	1.5	5.4	31	<0.1	<0.1	0.2	45	0.34	0.101
1900N + 400W	Soil	0.7	5.3	9.2	116	0.1	9.2	8.1	1107	3.25	1.7	0.9	1.5	3.9	31	0.2	0.1	0.3	58	0.28	0.116
REP 1900N + 400W	QC	0.8	5.8	9.1	121	0.1	8.9	8.5	1129	3.24	1.7	0.9	1.1	3.7	31	0.2	0.1	0.3	58	0.28	0.118
1900N + 225W	Soil	0.7	6.8	12.5	71	0.2	10.8	6.8	579	2.06	2.6	0.6	<0.5	2.4	20	0.2	0.1	0.3	40	0.15	0.140
REP 1900N + 225W	QC	0.7	6.9	12.0	68	0.2	9.8	7.0	604	1.99	2.9	0.6	0.7	2.4	21	0.2	0.1	0.3	42	0.16	0.131
1900N + 250E	Soil	0.7	10.1	10.3	101	0.2	8.4	6.6	554	2.40	2.2	1.0	<0.5	3.0	26	0.1	<0.1	0.2	43	0.21	0.216
REP 1900N + 250E	QC	0.7	10.5	10.3	102	0.1	8.8	6.7	579	2.39	2.2	0.9	<0.5	3.2	26	0.2	<0.1	0.2	43	0.21	0.219
2000N + 50E	Soil	0.7	9.5	14.9	134	0.3	20.4	9.0	1439	2.83	3.7	1.3	2.4	3.7	28	0.5	0.2	0.3	46	0.25	0.196
REP 2000N + 50E	QC	0.7	8.7	15.2	129	0.3	19.1	8.2	1449	2.79	4.1	1.3	12.3	3.6	29	0.4	0.2	0.3	44	0.26	0.196
2000N + 300E	Soil	1.1	6.6	9.6	52	0.3	8.8	5.3	225	2.42	1.9	3.5	<0.5	2.5	60	0.2	0.1	0.2	51	0.41	0.041
REP 2000N + 300E	QC	1.2	6.2	9.9	55	0.4	9.3	5.4	227	2.50	1.9	3.5	3.6	2.4	62	0.2	<0.1	0.2	49	0.42	0.044
2100N + 00E	Soil	0.6	4.8	7.9	55	<0.1	8.9	7.8	330	2.16	0.8	0.8	2.5	2.4	27	0.1	<0.1	0.2	46	0.14	0.086
REP 2100N + 00E	QC	0.7	4.7	8.0	53	<0.1	8.4	8.0	315	2.06	0.8	0.8	<0.5	2.4	27	<0.1	<0.1	0.1	46	0.14	0.084
2200N + 200W	Soil	0.4	7.2	9.6	99	<0.1	11.0	7.7	512	2.22	1.6	0.8	<0.5	2.7	17	0.1	0.1	0.2	43	0.17	0.120
REP 2200N + 200W	QC	0.4	6.7	9.3	96	0.1	12.2	7.4	500	2.17	1.6	0.6	76.3	2.9	17	0.1	<0.1	0.2	43	0.17	0.129
2200N + 125E	Soil	0.5	8.7	9.4	92	<0.1	9.4	6.9	340	2.27	0.5	1.2	0.9	3.2	29	0.1	<0.1	0.2	46	0.15	0.073
REP 2200N + 125E	QC	0.6	7.2	8.7	92	<0.1	8.9	6.9	350	2.24	<0.5	1.1	<0.5	3.2	30	0.1	<0.1	0.2	45	0.14	0.070
Reference Materials																					
STD DS7	Standard	20.9	110.6	62.8	396	0.9	56.9	8.9	613	2.39	50.8	4.6	76.6	4.2	76	6.2	5.9	4.3	84	0.94	0.077
STD DS7	Standard	20.4	110.1	64.4	405	0.8	56.0	9.4	626	2.45	52.1	4.8	73.8	4.3	77	6.6	6.0	4.4	85	1.00	0.078
STD DS7	Standard	20.8	111.4	76.7	399	0.8	54.0	9.5	640	2.34	51.6	5.4	65.2	5.0	83	6.0	6.4	5.1	83	0.93	0.074
STD DS7	Standard	21.0	102.1	72.0	382	0.8	56.1	9.0	611	2.36	48.8	4.8	71.7	4.7	80	5.9	5.3	4.4	85	0.98	0.075
STD DS7	Standard	21.0	107.5	70.1	402	0.8	57.0	9.5	623	2.43	49.1	4.9	64.8	4.3	72	6.4	5.3	4.5	88	0.99	0.081

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Client: **Hard Rock Gold Ltd.**
P.O. Box 1192
Kamloops BC V2C 6H3 Canada

Project: KETTLE RIVER
Report Date: August 10, 2009

QUALITY CONTROL REPORT VAN09003361.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																	
1700N + 300W	Soil	6	11	0.24	256	0.124	2	1.72	0.015	0.09	0.1	0.02	1.3	0.1	<0.05	7	<0.5
REP 1700N + 300W	QC	6	11	0.24	266	0.121	3	1.73	0.014	0.10	0.1	0.05	1.3	0.1	<0.05	7	<0.5
1700N + 150E	Soil	18	13	0.25	154	0.127	2	2.52	0.014	0.10	<0.1	0.03	1.6	<0.1	<0.05	9	<0.5
REP 1700N + 150E	QC	18	13	0.25	156	0.130	2	2.57	0.014	0.10	<0.1	0.04	1.7	0.1	<0.05	9	<0.5
1800N + 75W	Soil	15	15	0.37	67	0.139	<1	1.21	0.014	0.11	<0.1	0.01	3.1	0.1	<0.05	4	<0.5
REP 1800N + 75W	QC	15	15	0.37	70	0.139	<1	1.23	0.014	0.12	<0.1	0.01	3.2	0.1	<0.05	4	<0.5
1900N + 400W	Soil	11	16	0.59	204	0.139	<1	2.24	0.014	0.20	0.2	0.02	2.6	0.2	<0.05	9	<0.5
REP 1900N + 400W	QC	11	16	0.59	214	0.143	1	2.26	0.016	0.20	<0.1	0.02	2.6	0.2	<0.05	9	<0.5
1900N + 225W	Soil	5	13	0.24	100	0.138	2	1.90	0.013	0.07	<0.1	0.02	1.5	<0.1	<0.05	7	<0.5
REP 1900N + 225W	QC	5	13	0.23	104	0.137	<1	1.83	0.012	0.08	<0.1	<0.01	1.6	<0.1	<0.05	7	<0.5
1900N + 250E	Soil	9	12	0.32	132	0.133	<1	3.02	0.015	0.11	0.2	0.02	2.1	<0.1	<0.05	9	<0.5
REP 1900N + 250E	QC	9	12	0.34	132	0.132	1	2.97	0.015	0.11	0.1	0.02	2.0	<0.1	<0.05	9	<0.5
2000N + 50E	Soil	16	31	0.38	215	0.142	2	2.95	0.015	0.10	0.2	0.05	2.3	0.2	<0.05	11	<0.5
REP 2000N + 50E	QC	15	31	0.37	223	0.135	3	2.92	0.013	0.10	0.2	0.04	2.6	0.2	<0.05	10	<0.5
2000N + 300E	Soil	21	16	0.36	66	0.125	<1	2.01	0.012	0.13	0.1	0.04	2.6	0.2	<0.05	8	<0.5
REP 2000N + 300E	QC	22	17	0.38	63	0.144	2	2.04	0.012	0.14	<0.1	0.03	2.7	0.2	<0.05	8	<0.5
2100N + 00E	Soil	7	13	0.21	90	0.151	<1	1.24	0.016	0.08	<0.1	0.02	1.4	<0.1	<0.05	4	<0.5
REP 2100N + 00E	QC	7	13	0.20	89	0.148	<1	1.24	0.011	0.08	<0.1	0.01	1.4	<0.1	<0.05	4	<0.5
2200N + 200W	Soil	7	13	0.31	115	0.129	<1	2.04	0.023	0.13	0.1	0.02	1.8	0.1	<0.05	8	<0.5
REP 2200N + 200W	QC	7	13	0.32	115	0.126	<1	2.17	0.014	0.12	0.1	0.02	1.9	<0.1	<0.05	8	<0.5
2200N + 125E	Soil	9	15	0.25	122	0.173	<1	1.61	0.009	0.14	<0.1	0.02	1.9	0.1	<0.05	5	<0.5
REP 2200N + 125E	QC	9	14	0.24	124	0.164	<1	1.55	0.009	0.15	<0.1	0.01	1.8	<0.1	<0.05	5	<0.5
Reference Materials																	
STD DS7	Standard	13	201	1.04	407	0.129	39	1.01	0.099	0.45	3.8	0.20	2.4	4.1	0.20	5	3.4
STD DS7	Standard	13	214	1.05	423	0.136	43	1.06	0.100	0.47	4.1	0.18	2.5	4.3	0.20	5	3.9
STD DS7	Standard	14	208	1.02	399	0.130	42	1.06	0.099	0.46	4.2	0.18	2.7	4.3	0.12	5	3.6
STD DS7	Standard	14	205	1.03	388	0.127	37	1.05	0.107	0.45	3.6	0.18	2.9	4.4	0.17	5	2.8
STD DS7	Standard	13	201	1.00	391	0.123	37	1.05	0.101	0.45	3.6	0.19	2.8	4.3	0.24	5	3.3

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Project: KETTLE RIVER
Report Date: August 10, 2009

QUALITY CONTROL REPORT VAN09003361.1

		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
STD DS7	Standard	21.7	109.5	70.2	411	0.8	59.7	9.9	638	2.38	50.2	5.0	58.8	4.3	74	6.1	5.3	4.4	86	0.94	0.079
STD DS7 Expected		20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: KETTLE RIVER
Report Date: August 10, 2009

QUALITY CONTROL REPORT VAN09003361.1

		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
STD DS7	Standard	14	207	1.00	382	0.126	39	1.06	0.099	0.44	3.8	0.19	2.7	4.1	0.25	5	3.3
STD DS7 Expected		12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5

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Submitted By: Richard Lodmell
Receiving Lab: Canada-Vancouver
Received: August 05, 2009
Report Date: August 12, 2009
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN09003362.1

CLIENT JOB INFORMATION

Project: KETTLE RIVER
Shipment ID:
P.O. Number
Number of Samples: 13

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200	12	Crush, split and pulverize rock to 200 mesh			VAN
1DX30	12	1:1:1 Aqua Regia digestion ICP-MS analysis	30	Completed	VAN

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.

ADDITIONAL COMMENTS

Invoice To: Hard Rock Gold Ltd.
P.O. Box 1192
Kamloops BC V2C 6H3
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: KETTLE RIVER
Report Date: August 12, 2009

CERTIFICATE OF ANALYSIS VAN09003362.1

	Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1400N+300E	Rock	0.37	0.2	1.6	2.0	53	<0.1	1.8	3.6	442	1.76	0.9	1.7	1.9	8.8	17	<0.1	<0.1	<0.1	23	0.23
940N+375E	Rock	0.44	0.2	1.2	3.4	21	<0.1	0.6	1.3	167	0.79	0.8	0.7	0.7	5.5	52	<0.1	<0.1	<0.1	5	0.63
100S+500E	Rock	0.29	<0.1	4.2	2.9	39	<0.1	4.4	2.9	448	1.27	<0.5	0.7	0.9	4.8	45	<0.1	<0.1	<0.1	10	1.10
1160N+400E	Rock	0.40	0.9	39.6	499.6	238	>100	3.2	2.3	39	3.01	244.1	0.4	3430	0.3	6	6.2	1.0	0.3	<2	0.11
1100N+400E	Rock	0.32	0.4	3.8	10.5	23	5.6	0.6	1.5	228	0.90	48.3	11.5	35.3	7.8	27	0.2	0.2	<0.1	<2	0.32
1150N+400E	Rock	0.43	0.4	6.5	281.5	48	>100	1.2	0.9	16	1.26	254.6	<0.1	4020	0.4	1	0.7	0.5	0.2	<2	<0.01
1050N+350E	Rock	0.47	0.2	6.2	36.3	19	12.0	0.5	1.2	105	0.54	49.2	0.7	159.2	4.6	9	0.4	0.1	<0.1	<2	0.08
1025N+350E	Rock	0.42	0.4	32.4	5.0	33	0.8	85.4	16.6	477	2.68	6.2	0.5	5.2	4.4	112	0.1	<0.1	<0.1	53	1.68
700N+600W	Rock	0.44	0.1	2.0	3.5	27	0.2	3.0	1.8	322	0.99	0.6	1.4	2.7	2.3	11	<0.1	<0.1	<0.1	14	0.10
500N+700E	Rock	0.41	0.2	5.3	7.1	58	8.4	3.3	3.8	566	1.87	23.0	0.7	184.3	2.8	22	0.1	0.1	<0.1	29	0.35
400N+250E	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1400N+250E	Rock	0.43	0.5	2.1	2.2	59	<0.1	1.5	4.5	519	2.25	0.9	1.4	<0.5	7.5	21	<0.1	<0.1	<0.1	34	0.31
1000N+400E	Rock	0.38	0.2	5.3	3.0	38	<0.1	0.9	2.7	336	1.45	<0.5	0.9	<0.5	6.4	16	<0.1	<0.1	<0.1	12	0.14

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Project: KETTLE RIVER
Report Date: August 12, 2009

CERTIFICATE OF ANALYSIS VAN09003362.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
1400N+300E	Rock	0.058	23	11	0.46	39	0.069	<1	0.77	0.039	0.29	<0.1	<0.01	0.8	0.2	<0.05	4	<0.5
940N+375E	Rock	0.022	17	7	0.12	37	0.004	<1	0.40	0.023	0.14	<0.1	<0.01	0.2	<0.1	<0.05	2	<0.5
100S+500E	Rock	0.037	15	11	0.38	51	0.001	<1	0.72	0.023	0.15	<0.1	<0.01	0.8	<0.1	0.06	3	<0.5
1160N+400E	Rock	<0.001	<1	11	<0.01	3	<0.001	<1	0.03	0.003	0.03	<0.1	<0.01	<0.1	<0.1	3.20	<1	<0.5
1100N+400E	Rock	0.025	13	3	0.04	24	<0.001	1	0.26	0.004	0.19	0.2	<0.01	0.3	0.1	0.12	<1	<0.5
1150N+400E	Rock	0.002	1	13	<0.01	11	<0.001	<1	0.04	0.004	0.06	<0.1	<0.01	0.1	<0.1	0.57	<1	<0.5
1050N+350E	Rock	0.037	13	9	0.02	21	<0.001	1	0.22	0.003	0.19	<0.1	<0.01	0.2	<0.1	0.23	<1	<0.5
1025N+350E	Rock	0.128	21	116	1.95	250	0.016	<1	1.60	0.017	0.23	<0.1	<0.01	3.6	<0.1	0.14	5	<0.5
700N+600W	Rock	0.027	5	5	0.07	29	0.015	<1	0.31	0.025	0.15	<0.1	<0.01	1.1	<0.1	<0.05	2	<0.5
500N+700E	Rock	0.070	10	9	0.40	31	0.051	<1	0.84	0.042	0.22	<0.1	<0.01	2.0	<0.1	<0.05	4	<0.5
400N+250E	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1400N+250E	Rock	0.075	20	7	0.57	51	0.114	<1	1.00	0.059	0.42	<0.1	<0.01	1.7	0.3	<0.05	5	<0.5
1000N+400E	Rock	0.043	12	7	0.34	39	0.005	<1	0.73	0.036	0.11	<0.1	<0.01	0.9	<0.1	<0.05	4	<0.5

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P.O. Box 1192
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Project: KETTLE RIVER
Report Date: August 12, 2009

QUALITY CONTROL REPORT VAN09003362.1

	Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
1050N+350E	Rock	0.47	0.2	6.2	36.3	19	12.0	0.5	1.2	105	0.54	49.2	0.7	159.2	4.6	9	0.4	0.1	<0.1	<2	0.08
REP 1050N+350E	QC		0.3	5.8	36.1	21	12.3	0.5	1.2	103	0.53	48.9	0.6	157.7	4.7	9	0.4	0.1	<0.1	<2	0.08
Reference Materials																					
STD DS7	Standard		21.1	96.4	59.7	389	0.8	60.2	9.7	653	2.41	51.7	4.2	76.2	3.9	69	5.8	5.2	4.0	76	0.98
STD DS7	Standard		22.2	102.8	60.7	384	0.9	58.3	9.8	657	2.46	53.0	4.3	81.8	4.0	67	5.9	5.3	4.1	77	1.01
STD DS7 Expected			20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank	<0.01	0.2	2.8	2.9	44	<0.1	3.5	4.2	546	1.82	1.3	1.5	1.0	5.0	47	<0.1	<0.1	<0.1	34	0.47
G1	Prep Blank	<0.01	0.2	6.1	3.1	45	<0.1	3.6	4.2	563	1.94	1.2	1.5	1.0	5.0	52	<0.1	<0.1	<0.1	35	0.52

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Report Date: August 12, 2009

QUALITY CONTROL REPORT VAN09003362.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																		
1050N+350E	Rock	0.037	13	9	0.02	21	<0.001	1	0.22	0.003	0.19	<0.1	<0.01	0.2	<0.1	0.23	<1	<0.5
REP 1050N+350E	QC	0.035	13	9	0.02	19	<0.001	<1	0.20	0.003	0.19	<0.1	<0.01	0.2	<0.1	0.22	<1	<0.5
Reference Materials																		
STD DS7	Standard	0.080	13	240	1.04	395	0.115	39	1.04	0.095	0.45	3.9	0.17	2.3	3.8	0.18	5	3.8
STD DS7	Standard	0.082	13	244	1.07	415	0.119	40	1.05	0.100	0.45	4.1	0.18	2.3	4.0	0.18	5	4.1
STD DS7 Expected		0.08	12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
Prep Wash																		
G1	Prep Blank	0.086	11	19	0.52	170	0.109	2	0.88	0.077	0.49	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5
G1	Prep Blank	0.081	13	19	0.54	173	0.114	2	0.96	0.084	0.50	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5

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Submitted By: Richard Lodmell
Receiving Lab: Canada-Vancouver
Received: August 08, 2009
Report Date: August 27, 2009
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN09003362A.1

CLIENT JOB INFORMATION

Project: KETTLE RIVER
Shipment ID:
P.O. Number
Number of Samples: 1

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200	1	Crush, split and pulverize rock to 200 mesh			VAN
1DX30	1	1:1:1 Aqua Regia digestion ICP-MS analysis	30	Completed	VAN

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.

ADDITIONAL COMMENTS

Invoice To: Hard Rock Gold Ltd.
P.O. Box 1192
Kamloops BC V2C 6H3
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: KETTLE RIVER
Report Date: August 27, 2009

CERTIFICATE OF ANALYSIS VAN09003362A.1

	Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
400N+250E	Rock	0.40	0.5	4.1	2.0	63	<0.1	1.9	5.2	523	2.39	<0.5	0.9	0.7	8.8	23	<0.1	<0.1	<0.1	40	0.32

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Report Date: August 27, 2009

CERTIFICATE OF ANALYSIS VAN09003362A.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
400N+250E	Rock	0.081	22	8	0.63	67	0.147	1	1.11	0.065	0.64	<0.1	<0.01	1.7	0.4	<0.05	5	<0.5

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QUALITY CONTROL REPORT VAN09003362A.1

	Method	WGHT	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	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	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
REP G1	QC		0.2	4.2	3.1	49	<0.1	3.5	4.7	606	2.05	<0.5	2.1	<0.5	6.7	69	<0.1	<0.1	0.4	41	0.54
Reference Materials																					
STD DS7	Standard		21.1	105.7	69.6	387	0.8	56.5	9.5	609	2.41	46.5	5.1	63.6	4.5	72	6.4	5.4	4.3	82	0.99
STD DS7	Standard		21.7	106.4	69.1	397	0.8	56.5	9.5	636	2.41	48.5	5.2	78.9	4.6	77	6.2	5.4	5.9	82	1.00
STD DS7 Expected			20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank	<0.01																			
G1	Prep Blank		0.2	4.3	3.3	46	<0.1	3.9	5.0	598	2.06	<0.5	2.3	1.3	6.7	62	<0.1	<0.1	0.5	41	0.53

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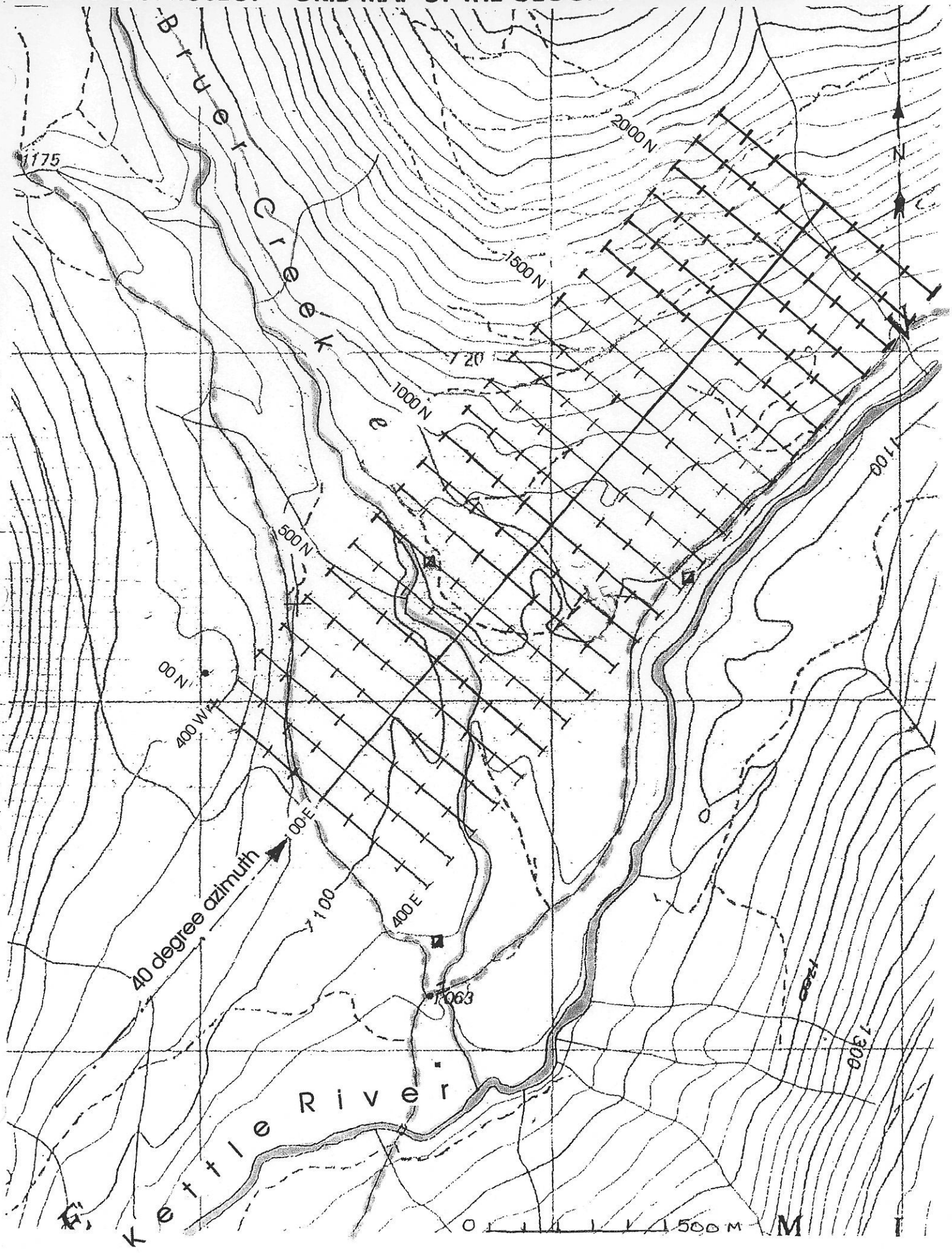
Project: KETTLE RIVER
Report Date: August 27, 2009

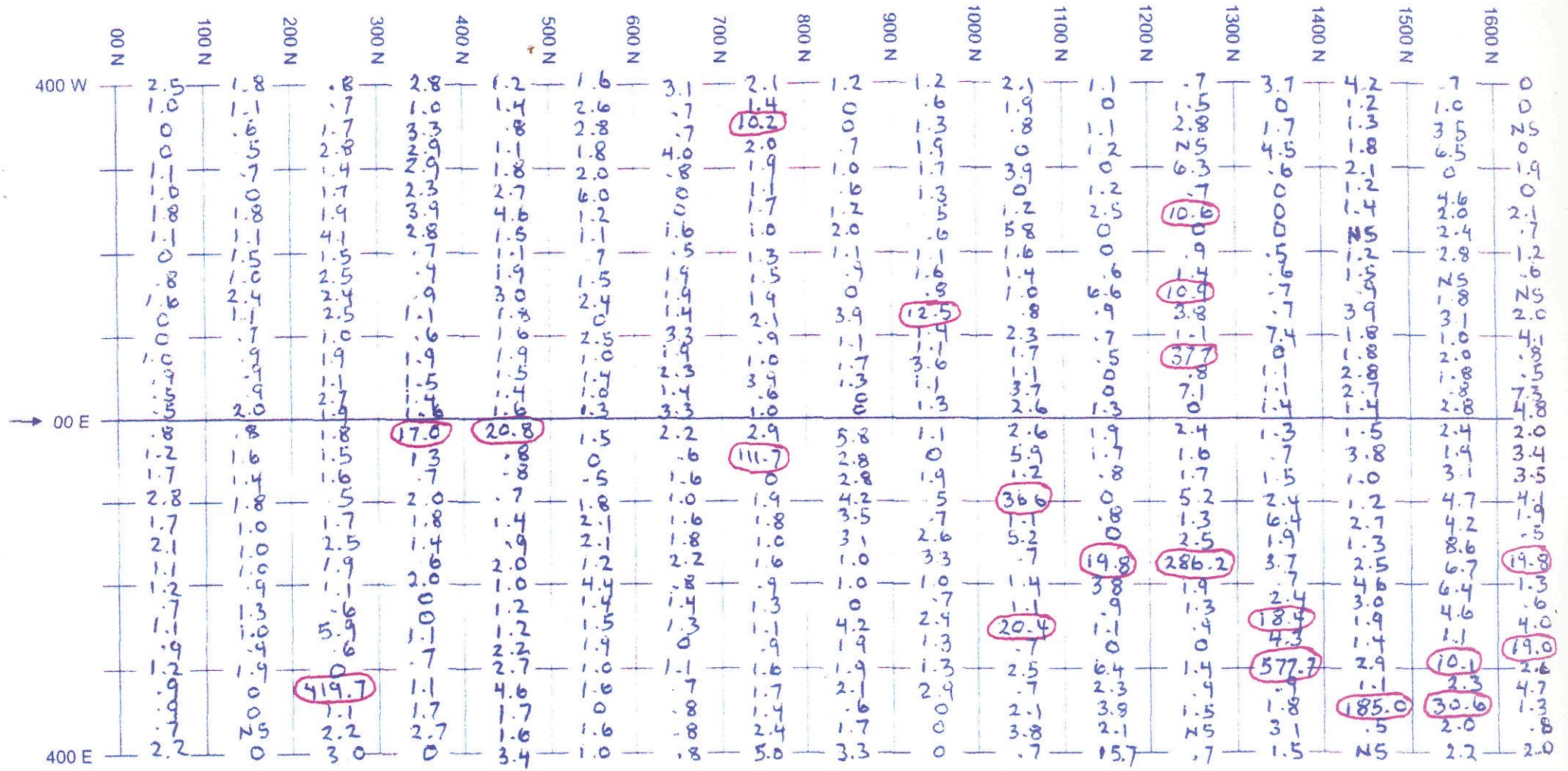
QUALITY CONTROL REPORT VAN09003362A.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																		
REP G1	QC	0.094	16	13	0.56	195	0.142	1	0.99	0.084	0.51	0.1	<0.01	2.1	0.3	<0.05	5	<0.5
Reference Materials																		
STD DS7	Standard	0.077	13	199	1.06	413	0.120	41	1.07	0.097	0.44	3.9	0.18	2.2	4.2	0.19	5	3.4
STD DS7	Standard	0.079	13	205	1.07	419	0.124	41	1.06	0.099	0.44	3.7	0.18	2.2	4.3	0.19	5	3.1
STD DS7 Expected		0.08	12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
Prep Wash																		
G1	Prep Blank																	
G1	Prep Blank	0.084	16	13	0.57	188	0.144	<1	0.98	0.085	0.50	0.1	<0.01	2.0	0.4	<0.05	5	<0.5

Appendix II

KETTLE RIVER PROJECT - GRID MAP OF THE GEOCHEMICAL SURVEY





Kettle River Grid Map with the "B" Horizon Soil Sample Geochem for Gold in PPB.

Results of analysis of over 10 PPB Gold in soils are circled in red.

Samples of <.5 are shown as 0. NS - is for no sample taken.

The 00E Baseline is at a 40 Degree Azimuth

0 100 200 300

Scale 1.5 cm = 100 meters

ARIS # 29603

Rock Sample Number, Analysis and Description

1 - Quartz vein system consisting of galena with gold, silver, zinc with 10% visible mineralization. 11,408.2 ppb gold

2 - Quartz vein system consisting of galena with gold, silver, zinc with 10% visible mineralization. 52,581.7 ppb gold

3 - Quartz vein system consisting of galena with gold, silver, zinc with 2% visible mineralization. 161.0 ppb gold

4 - Quartz vein system consisting of galena with gold, silver, zinc with 3% visible mineralization. 617.0 ppb gold

5 – Quartz diorite with 0.5% visible iron phyrite 10.6 ppb gold.

6 – Hornblende granodiorite with 0.5% visible iron phyrite. 8.0 ppb gold

7 – Hornblende granodiorite with 0.5% visible iron phyrite. 4.0 ppb gold

8 – Biotite granodiorite with 0.5% visible iron phyrite. 7.8 ppb gold

Camp float – Biotite granodiorite with 0.3% visible iron phyrite 2.8 ppb gold

Bruer Creek float – Biotite granodiorite with 0.5% visible iron phyrite 1.9 ppb gold

The camp float and Bruer Creek float locations are on the King George Mine grid location map.

BOX 1192, Kamloops BC V2C 6H3 Submitted by: Richard Lodmell

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	1.1	3.0	2.9	49	<.1	9.3	4.7	574	2.01	<.5	2.6	1.6	4.6	57	<.1	<.1	.1	38	.51	.083	9	123	.62	208	.133	1	1.04	.080	.50	.1	<.01	2.4	.3	<.05	5	<.5
00E+1550N	.9	7.3	15.2	76	.2	7.8	5.7	550	1.98	2.3	.8	1.8	1.7	38	.3	.2	.3	38	.34	.065	11	11	.21	84	.124	2	1.48	.010	.11	.1	.04	1.4	.1	<.05	8	<.5
00E+1450N	.8	9.5	10.4	133	.2	13.1	7.2	511	2.27	2.4	.8	1.2	3.2	27	.2	.1	.3	34	.18	.307	7	13	.23	145	.102	2	2.95	.012	.07	.1	.03	2.0	.1	<.05	10	<.5
00E+1350N	.9	8.3	11.7	88	.1	11.8	7.4	865	2.20	1.6	1.0	1.7	2.6	21	.2	.2	.2	38	.17	.105	8	14	.25	154	.117	1	2.26	.012	.07	.1	.03	2.0	.1	<.05	8	<.5
00E+1250N	.8	8.7	14.8	145	.1	7.5	6.3	453	2.05	3.0	.5	.9	2.2	53	.3	.2	.3	35	.46	.159	6	13	.25	109	.125	2	1.22	.012	.09	.1	.03	1.4	.1	<.05	8	<.5
00E+1150N	.8	7.7	11.2	81	.1	10.5	6.5	364	2.35	2.0	.7	1.7	3.4	25	.1	.1	.3	41	.21	.162	9	18	.25	138	.113	1	2.42	.012	.06	.1	.03	1.6	.1	<.05	9	<.5
00E+1050N	.9	7.0	11.2	92	.1	8.5	5.8	1079	2.40	2.7	.8	1.4	3.6	17	.2	.1	.3	40	.13	.127	8	12	.27	111	.129	1	2.38	.011	.06	.1	.04	1.7	.1	<.05	9	<.5
00E+0950N	.9	14.0	92.0	196	.6	11.8	11.3	972	3.87	3.1	2.2	.8	9.3	112	1.1	.1	1.3	70	.34	.161	42	19	.56	269	.090	2	2.46	.010	.08	.1	.04	1.9	.1	<.05	11	<.5
00E+0850N	.8	6.6	9.2	66	.2	8.8	6.2	290	2.19	1.6	.7	<.5	2.4	13	.1	.1	.2	39	.10	.110	6	12	.16	99	.153	<1	1.83	.009	.04	.1	.03	1.4	.1	<.05	7	<.5
00E+0750N	1.0	7.1	12.9	91	.2	8.4	6.9	1077	2.04	2.2	.4	2.4	1.8	15	.3	.2	.3	36	.11	.158	5	10	.12	115	.181	1	2.45	.014	.04	.1	.04	1.3	.1	<.05	10	<.5
00E+0650N	1.0	7.9	11.3	106	.2	9.0	8.3	1384	2.36	2.1	.5	64.6	2.0	17	.2	.1	.2	41	.14	.139	5	12	.16	117	.184	1	1.85	.011	.04	.1	.04	1.3	.1	<.05	8	<.5
00E+0550N	.8	6.7	11.5	70	<.1	10.4	7.8	403	2.89	2.5	.6	<.5	2.9	19	.1	.2	.3	52	.16	.142	6	15	.20	109	.223	1	2.84	.011	.05	.1	.03	1.4	.1	<.05	10	<.5
00E+0450N	1.0	9.6	8.1	62	.1	12.7	10.3	813	3.03	1.3	2.6	.6	4.0	68	.4	.1	.3	56	.84	.133	22	23	.50	93	.148	1	1.25	.017	.13	.1	.03	3.0	.1	<.05	5	<.5
00E+0350N	1.1	10.6	11.5	57	<.1	7.8	6.5	881	2.26	2.8	.9	.6	3.0	10	.1	.2	.2	38	.08	.194	7	10	.15	87	.187	1	4.19	.013	.03	.2	.04	1.9	.1	<.05	11	<.5
00E+0250N	1.1	15.2	11.8	110	.1	12.9	9.4	496	3.07	2.2	3.6	1.8	5.5	24	.1	.2	.3	48	.17	.136	18	16	.31	117	.219	1	4.84	.016	.05	.2	.07	3.8	.2	<.05	11	<.5
00E+0150N	1.2	18.0	18.3	90	.7	15.8	10.1	1194	3.05	2.0	8.4	1.2	2.3	104	.4	.3	.3	58	.70	.098	109	20	.35	138	.209	1	2.88	.016	.07	.1	.05	3.0	.1	<.05	12	.5
00E+0050N	1.1	7.8	12.0	56	.2	6.5	5.6	840	1.96	2.8	.8	<.5	2.6	15	.2	.2	.2	32	.10	.178	6	9	.11	112	.154	1	3.70	.012	.03	.2	.05	1.5	.1	<.05	10	<.5
RE 00E+0050N	1.1	7.9	12.8	57	.2	6.1	5.8	870	2.01	2.9	.9	<.5	2.6	16	.1	.2	.3	34	.11	.181	6	9	.12	119	.162	1	4.03	.012	.04	.2	.06	1.6	.1	<.05	10	<.5
1600N+400W	.6	4.8	8.7	103	<.1	8.0	6.6	970	2.04	1.3	.7	<.5	2.7	21	.1	.1	.2	40	.29	.099	7	14	.38	114	.107	1	1.36	.012	.13	.1	.01	1.9	.2	<.05	6	<.5
1600N+375W	.5	5.8	7.3	102	.2	10.3	6.7	859	2.07	1.2	.7	<.5	3.0	18	.2	.1	.2	38	.18	.208	8	14	.32	125	.102	1	1.86	.013	.08	.1	.02	2.0	.1	<.05	7	<.5
1600N+325W	.5	6.8	10.9	87	.3	9.0	6.5	1007	2.02	2.1	.6	<.5	2.6	44	.3	.1	.2	36	.31	.271	7	12	.23	158	.119	1	1.85	.013	.11	.1	.02	1.6	.1	<.05	7	<.5
1600N+300W	.9	18.2	16.0	56	1.0	18.5	9.8	699	3.61	4.0	7.8	1.9	8.3	81	.2	.3	.4	64	.77	.046	90	29	.63	127	.106	2	3.35	.012	.25	<.1	.05	5.5	.3	<.05	11	.6
1600N+275W	.4	5.5	9.0	94	.1	8.3	7.1	880	1.96	1.4	.7	<.5	2.6	36	.2	.1	.2	35	.28	.165	7	14	.31	133	.092	2	1.32	.012	.09	.1	.02	1.7	.1	<.05	6	<.5
1600N+250W	1.5	19.1	11.4	56	.8	17.8	11.7	1173	3.51	2.5	10.0	2.1	4.8	98	.3	.2	.2	55	1.03	.046	79	28	.55	148	.085	21	2.32	.017	.18	.1	.07	5.8	.2	<.05	8	1.0
1600N+225W	.5	9.0	8.5	71	.2	9.0	7.9	635	2.67	1.4	4.8	.7	6.0	50	.2	.1	.2	49	.64	.098	48	17	.52	80	.108	1	1.59	.015	.20	.1	.03	3.4	.2	<.05	6	<.5
1600N+200W	.7	12.6	11.3	77	.4	13.8	9.7	1049	3.38	1.5	13.0	1.2	8.9	75	.2	.2	.3	62	.78	.054	141	25	.63	116	.134	1	2.60	.014	.25	.1	.04	5.8	.3	<.05	9	<.5
1600N+175W	.6	9.5	8.4	74	.4	10.9	9.2	675	3.17	1.0	6.5	.6	8.7	40	.1	.1	.2	62	.42	.048	61	23	.66	87	.161	1	2.03	.017	.26	.1	.02	5.2	.3	<.05	8	<.5
1600N+125W	.6	15.3	9.0	75	.9	15.1	9.9	834	3.69	1.3	14.2	2.0	11.2	73	.2	.1	.3	65	.76	.052	123	28	.65	117	.142	1	3.07	.016	.22	.1	.03	7.2	.3	<.05	10	.5
1600N+100W	.6	7.8	8.3	133	.2	15.5	9.6	495	2.64	1.9	.8	4.1	3.4	27	.2	.1	.2	46	.18	.221	7	16	.27	135	.141	1	2.30	.011	.08	.1	.02	1.8	.1	<.05	7	<.5
1600N+075W	.5	6.3	7.7	60	.1	8.4	7.9	339	2.73	1.0	2.2	.8	3.4	35	.1	.1	.2	58	.34	.039	31	18	.47	58	.153	<1	1.50	.013	.14	<.1	.01	2.3	.2	<.05	6	<.5
1600N+050W	.5	7.7	7.4	82	.1	11.2	10.3	421	3.27	1.3	2.0	.5	4.5	32	.1	.1	.2	72	.29	.039	23	20	.66	88	.203	1	1.99	.015	.21	.1	.01	2.9	.2	<.05	7	<.5
1600N+025W	.8	25.9	11.8	76	1.2	20.5	11.0	1000	4.10	1.7	20.0	7.3	10.7	98	.5	.2	.3	66	.99	.050	192	33	.71	150	.144	1	3.83	.017	.25	.1	.05	7.9	.4	.07	11	.8
1600N+000E	.9	28.9	13.6	95	2.4	30.1	12.7	1189	5.79	2.6	15.7	4.8	19.1	111	.5	.2	.6	79	.82	.092	146	51	.81	253	.138	1	6.97	.020	.31	<.1	.06	12.3	.4	.07	16	.9
1600N+025E	.7	13.5	10.4	71	.5	14.6	9.9	1134	3.36	1.6	13.3	2.0	8.1	65	.2	.1	.3	61	.66	.054	153	26	.58	113	.129	1	2.65	.013	.25	<.1	.04	5.9	.3	<.05	9	.5
1600N+050E	1.0	41.5	11.8	98	1.1	24.8	10.0	1198	4.11	1.7	15.2	3.4	7.5	103	.4	.2	.3	65	.95	.070	177	37	.64	199	.105	2	4.63	.012	.20	<.1	.06	9.7	.2	<.05	13	.7
1600N+075E	1.0	32.9	15.0	92	1.4	23.5	12.2	1016	4.46	2.1	10.0	3.5	9.6	80	.4	.1	.4	70	.69	.077	79	37	.65	188	.172	1	4.60	.018	.22	.1	.05	8.8	.3	<.05	13	.6
1600N+100E	1.0	31.7	15.6	73	1.5	24.7	10.0	948	4.58	3.1	17.8	4.1	8.6	142	.4	.2	.5	66	1.33	.084	127	38	.61	244	.116	2	5.78	.017	.22	.1	.09	11.2	.3	.08	14	.7
1600N+125E	1.1	23.3	13.6	94	.7	20.0	8.6	890	3.83	2.4	12.1	1.9	7.0	96	.3	.2	.4	61	.89	.081	82	27	.42	188	.149	2	5.59	.016	.13	.1	.06	5.6	.2	.07	13	.5
STANDARD DS7	21.1	120.6	74.2	427	.9	63.0	10.5	702	2.76	49.2	5.1	107.3	5.1	78	6.7	6.3	4.7	97	1.10	.085	16	254	1.17	393	.147	41	1.17	.102	.47	4.3	.20	3.0	4.5	.23	5	3.9

GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ____ FA ____ DATE RECEIVED: AUG 10 2007 DATE REPORT MAILED: SEP 13 2007

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Raymond Chan

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.9	2.6	3.3	43	<.1	7.8	4.0	501	1.85	<.5	2.6	<.5	4.8	67	<.1	<.1	.1	37	.46	.067	9	109	.56	215	.127	1	1.05	.135	.53	.1	<.01	3.9	.4	<.05	5	<.5
1500N+250E	.6	7.0	7.1	100	.2	6.4	8.6	638	4.26	1.0	1.4	1.1	19.6	32	.1	<.1	1.6	57	.25	.088	60	15	.97	61	.078	1	2.38	.014	.27	.1	.03	3.8	.4	.07	11	<.5
1500N+275E	.4	9.7	13.1	95	.2	8.3	8.4	741	3.59	3.5	2.0	10.1	9.7	83	.2	.1	.4	58	.53	.137	27	19	.78	151	.127	1	3.25	.011	.21	.2	.04	3.5	.2	.07	11	.5
1500N+300E	.8	10.7	10.2	84	.2	9.6	6.9	638	2.18	3.0	.7	2.3	3.0	17	.1	.2	.2	40	.11	.170	7	14	.27	111	.117	2	2.67	.012	.05	.2	.05	2.0	.1	.06	9	<.5
1500N+325E	.8	6.5	11.2	109	.3	7.0	7.0	721	2.12	2.2	.4	30.6	1.7	32	.2	.1	.2	42	.23	.107	5	13	.27	95	.113	1	1.37	.011	.05	.2	.04	1.3	.1	<.05	8	<.5
1500N+350E	.6	10.8	8.7	106	.2	7.7	6.1	225	2.17	1.7	.6	1.5	1.4	40	.2	.1	.2	40	.22	.124	5	12	.19	97	.116	1	1.92	.014	.05	.2	.02	1.5	.1	<.05	8	<.5
1500N+375E	.8	11.9	5.3	51	<.1	13.7	9.4	430	3.19	2.1	2.1	2.0	5.3	56	.1	.1	.1	61	.37	.066	12	20	.58	138	.153	1	1.90	.012	.13	.1	.01	3.3	.2	<.05	6	<.5
1500N+400E	1.0	12.9	12.8	74	.3	8.4	10.1	1194	2.18	1.4	4.6	2.2	1.8	113	.4	.2	.2	37	.92	.063	22	13	.25	123	.081	2	1.51	.008	.07	.1	.08	3.3	.2	.11	5	.6
1400N+400W	.6	5.7	9.9	109	.1	8.9	5.9	1059	1.97	1.7	1.1	4.2	3.2	21	.2	.1	.2	35	.15	.200	8	11	.19	147	.130	1	1.90	.011	.07	.1	.03	1.5	.1	<.05	7	<.5
1400N+375W	.6	4.5	12.0	80	<.1	6.4	5.2	1027	1.73	2.1	.6	1.2	1.6	18	.2	.1	.3	33	.17	.085	6	10	.16	101	.119	1	1.17	.011	.06	.1	.03	1.1	.1	<.05	6	<.5
1400N+350W	.7	5.5	12.1	91	.1	7.3	5.8	613	2.24	1.8	.9	1.3	2.9	24	.2	.1	.5	40	.17	.116	6	11	.23	110	.133	1	1.70	.009	.07	.2	.03	1.4	.1	<.05	7	<.5
1400N+325W	.6	5.7	9.2	100	.2	8.5	5.3	486	2.00	1.6	3.0	1.8	4.0	16	.1	.1	.4	33	.13	.194	11	10	.20	143	.138	1	2.50	.013	.07	.1	.03	1.7	.1	<.05	8	<.5
1400N+300W	.6	7.8	10.0	68	.1	10.8	7.6	514	2.70	1.6	9.2	2.1	8.9	40	.1	.1	.7	48	.29	.084	36	16	.36	133	.160	<1	2.24	.012	.09	.1	.04	3.1	.2	<.05	7	<.5
1400N+275W	.6	7.0	14.0	92	<.1	10.7	7.9	501	2.47	2.3	3.5	1.0	6.1	34	.2	.2	.4	45	.29	.126	22	15	.35	107	.150	1	1.91	.013	.10	.2	.03	2.5	.1	<.05	7	<.5
RE 1400N+275W	.6	6.7	12.9	89	<.1	10.3	7.0	467	2.33	2.3	3.2	1.2	5.7	32	.2	.2	.3	43	.28	.119	20	15	.34	102	.145	<1	1.83	.011	.09	.2	.02	2.3	.1	<.05	7	<.5
1400N+250W	.8	7.2	11.1	107	.1	9.6	6.4	1604	2.25	2.1	.8	1.4	3.0	31	.3	.1	.3	40	.23	.155	7	12	.28	154	.163	2	2.31	.015	.09	.2	.04	1.8	.2	<.05	10	<.5
1400N+200W	.7	8.0	10.1	87	<.1	11.4	6.8	485	2.23	1.8	1.0	1.2	2.7	19	.2	.1	.2	43	.12	.067	7	15	.27	77	.154	1	1.66	.010	.07	.1	.02	1.5	.1	<.05	7	<.5
1400N+175W	.5	6.4	9.2	120	<.1	9.1	5.7	956	1.81	2.1	1.0	1.5	2.7	28	.2	.1	.2	27	.17	.298	5	9	.14	151	.133	1	3.19	.012	.05	.2	.03	1.5	.1	<.05	9	<.5
1400N+150W	.5	6.5	11.1	125	.1	8.6	5.4	828	1.77	2.1	.7	.9	2.3	94	.5	.1	.3	31	.52	.231	5	10	.17	205	.124	2	1.55	.010	.09	.1	.04	1.2	.1	<.05	7	<.5
1400N+125W	.6	10.5	9.6	114	<.1	8.8	6.6	996	2.18	1.7	.5	3.9	2.3	16	.2	.1	.2	38	.08	.225	5	11	.18	129	.167	1	1.94	.013	.05	.2	.02	1.4	.1	<.05	8	<.5
1400N+100W	.6	6.6	8.1	81	.1	10.2	6.0	656	1.96	1.8	.6	1.8	2.8	14	.2	.1	.2	36	.11	.111	6	11	.22	108	.153	1	1.93	.011	.05	.1	.02	1.6	.1	<.05	7	<.5
1400N+075W	.7	6.2	8.0	85	.1	11.3	6.2	624	1.97	1.2	.6	1.8	3.0	28	.2	.1	.2	36	.23	.101	6	11	.22	124	.146	1	1.73	.011	.06	.1	.03	1.5	.1	<.05	6	<.5
1400N+050W	.7	6.0	9.7	80	.1	9.4	7.5	414	2.20	.9	.9	2.8	2.5	38	.2	.1	.2	45	.25	.057	7	14	.26	90	.141	1	1.37	.010	.06	.1	.02	1.6	.1	<.05	6	<.5
1400N+025W	.6	4.3	8.7	75	<.1	7.2	5.0	458	1.66	1.0	.4	2.7	1.6	19	.1	.1	.2	37	.10	.076	5	10	.17	96	.141	<1	1.05	.009	.04	.1	.02	1.1	.1	<.05	5	<.5
1400N+000E	.7	8.1	8.7	74	.2	10.7	5.7	539	1.86	1.0	.8	1.4	2.1	36	.1	.1	.2	34	.22	.066	14	12	.21	112	.123	<1	1.91	.015	.05	.1	.03	2.0	.1	<.05	8	<.5
1400N+025E	.4	6.4	8.0	104	.1	12.9	5.6	417	1.75	1.2	.7	1.5	2.9	21	.1	.1	.2	30	.14	.147	7	11	.26	115	.097	1	1.74	.012	.06	.1	.02	1.8	.1	<.05	6	<.5
1400N+050E	.9	7.8	12.8	96	<.1	8.9	6.5	1660	2.15	1.8	.8	3.8	2.9	28	.3	.2	.2	37	.21	.146	8	14	.30	193	.102	1	1.86	.010	.08	.1	.04	1.8	.1	<.05	7	<.5
1400N+075E	1.7	46.9	13.2	73	1.2	22.7	9.7	1259	3.69	1.9	37.5	1.0	7.7	117	.3	.2	.5	61	.76	.058	182	35	.66	201	.087	<1	3.84	.013	.18	<.1	.08	11.1	.2	.07	12	1.3
1400N+100E	.7	5.3	10.3	136	.1	6.1	5.3	409	1.89	1.5	.5	1.2	2.8	37	.2	.1	.2	29	.19	.198	7	8	.19	98	.091	1	1.84	.010	.05	.1	.04	1.3	.1	<.05	7	<.5
1400N+125E	.8	11.5	10.0	93	.2	10.8	7.3	545	2.40	1.7	4.2	2.7	6.8	40	.2	.1	.3	44	.24	.052	29	16	.36	105	.115	<1	1.92	.013	.11	.1	.02	3.3	.2	<.05	7	<.5
1400N+150E	2.0	26.2	13.6	57	1.8	19.5	8.2	1339	5.19	4.9	33.7	1.3	6.1	163	.8	.3	.7	56	1.07	.070	185	29	.51	221	.043	12	3.55	.016	.15	<.1	.10	9.4	.2	.11	10	1.2
1400N+175E	1.3	18.3	12.7	48	1.8	12.8	4.9	814	3.64	5.0	25.4	2.5	3.0	159	.5	.4	.3	54	1.51	.087	188	19	.32	220	.040	14	2.82	.014	.11	.1	.14	4.6	.2	.16	8	1.4
1400N+200E	.7	5.7	10.1	86	.1	6.3	5.8	315	2.73	4.3	1.2	4.6	5.7	31	.1	.1	.4	43	.22	.039	16	11	.39	98	.077	<1	1.83	.010	.10	.1	.03	1.8	.1	<.05	7	<.5
1400N+225E	.8	19.4	16.3	66	.7	14.0	7.0	655	3.22	3.1	15.5	3.0	6.2	151	.4	.3	.4	47	1.31	.061	109	22	.42	203	.084	2	3.16	.012	.12	.1	.07	6.1	.2	.11	9	.9
1400N+250E	.7	13.1	9.2	79	.6	9.9	6.8	574	2.74	2.6	7.2	1.9	6.2	71	.3	.1	.5	44	.64	.082	60	19	.52	124	.082	1	2.27	.011	.13	.2	.07	3.4	.2	.08	8	.6
1400N+275E	.8	11.7	13.2	65	.6	9.6	6.6	805	2.43	2.7	7.4	1.4	4.3	93	.3	.2	.3	41	.81	.045	53	15	.36	137	.086	1	2.13	.012	.08	.2	.08	3.0	.2	.09	7	.5
1400N+300E	2.3	39.6	14.4	56	1.7	18.8	8.8	2090	4.23	7.3	39.6	2.9	7.8	112	.6	.1	.5	65	.76	.069	166	27	.42	273	.095	1	4.61	.017	.12	.1	.10	7.9	.3	.10	13	1.3
1400N+325E	.6	10.6	11.9	94	.1	8.4	6.6	612	2.12	2.5	.5	1.1	2.1	51	.3	.2	.2	40	.42	.120	6	12	.29	141	.106	2	1.78	.011	.07	.2	.06	1.4	.1	.06	7	<.5
STANDARD DS7	20.1	109.6	73.8	403	.9	57.4	9.2	609	2.51	46.2	5.3	86.5	5.0	79	6.1	5.8	4.5	87	.95	.073	15	217	1.07	384	.134	38	1.02	.099	.44	4.3	.21	2.9	4.4	.25	5	4.1

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.8	2.4	2.9	40	<.1	8.1	4.2	454	1.73	<.5	2.2	1.2	4.1	54	<.1	<.1	.1	37	.40	.065	8	104	.53	213	.117	1	.95	.108	.46	.1	<.01	3.0	.4	<.05	5	<.5
1100N+250W	.7	5.0	9.8	63	<.1	6.6	4.7	265	2.00	1.8	.7	2.5	2.6	24	.1	.1	.3	36	.15	.178	6	9	.13	111	.128	1	1.58	.009	.04	.1	.02	1.2	.1	<.05	7	<.5
1100N+225W	.6	10.5	10.3	117	.2	9.9	7.8	1278	2.46	2.0	1.0	<.5	3.8	45	.2	.1	.3	47	.32	.173	10	14	.32	183	.142	1	1.93	.012	.09	.1	.03	1.9	.1	<.05	8	<.5
1100N+200W	.7	10.1	13.0	138	.2	11.8	9.8	881	2.99	2.2	1.0	<.5	4.1	46	.3	.1	.3	61	.34	.161	10	16	.54	162	.149	1	2.20	.011	.13	.1	.03	2.5	.2	<.05	10	<.5
1100N+175W	.9	10.8	11.5	100	.2	12.3	7.4	554	2.46	2.4	2.8	.6	4.2	36	.2	.1	.3	41	.19	.192	12	14	.19	136	.147	1	3.13	.011	.06	.2	.04	2.0	.1	<.05	9	<.5
1100N+150W	1.1	6.5	8.5	54	.2	8.2	6.1	176	2.19	1.2	.6	6.6	2.1	29	.1	.1	.2	42	.15	.050	6	12	.16	84	.144	1	1.82	.009	.04	.1	.04	1.2	<.1	<.05	6	<.5
RE 1100N+150W	1.1	6.7	8.8	58	.3	8.4	6.3	187	2.22	1.2	.6	.9	2.1	30	.1	.1	.2	43	.17	.053	7	12	.16	85	.150	1	1.84	.010	.04	.1	.03	1.3	.1	<.05	7	<.5
1100N+125W	.9	8.5	12.2	69	.2	8.2	6.5	569	2.24	1.8	1.2	.9	2.7	34	.2	.1	.2	42	.24	.118	10	12	.17	123	.144	1	2.17	.011	.05	.1	.04	1.5	.1	<.05	7	<.5
1100N+100W	.6	9.7	10.0	71	.1	10.1	8.3	459	3.17	1.1	3.8	.7	9.6	52	.1	.1	.2	56	.33	.062	22	16	.48	106	.139	<1	2.02	.010	.10	.1	.02	2.9	.2	<.05	8	<.5
1100N+075W	.9	12.7	13.1	80	.3	14.0	6.7	720	2.54	1.8	6.1	.5	4.9	68	.2	.1	.3	40	.37	.080	36	17	.25	216	.115	1	3.50	.013	.07	.1	.05	2.9	.1	<.05	10	<.5
1100N+050W	1.0	8.7	10.5	76	.2	10.2	6.6	448	2.46	1.9	1.6	<.5	3.6	25	.2	.1	.3	46	.16	.138	12	18	.24	109	.127	1	2.43	.010	.06	.1	.03	1.8	.1	<.05	8	<.5
1100N+025W	1.0	23.1	12.9	86	.5	20.3	8.2	1065	3.34	1.7	20.2	<.5	8.6	110	.3	.2	.4	53	.81	.068	133	28	.43	213	.091	2	3.89	.014	.12	.1	.05	6.5	.2	<.05	11	.8
1100N+000E	.7	6.3	11.5	158	.1	8.6	7.3	462	2.37	1.9	.5	1.3	2.9	26	.2	.1	.3	50	.18	.140	7	15	.28	117	.134	1	1.66	.011	.07	.1	.03	1.6	.1	<.05	9	<.5
1100N+025E	.6	8.7	11.3	78	.2	10.8	6.6	464	2.36	2.0	.9	1.9	4.4	31	.1	.1	.3	43	.25	.151	9	16	.23	127	.142	1	2.78	.014	.05	.2	.04	1.6	.1	<.05	9	<.5
1100N+050E	.8	6.6	12.6	64	.2	10.7	6.1	306	2.36	2.0	.5	1.7	3.5	29	.1	.2	.3	45	.23	.065	10	17	.28	127	.083	1	1.96	.008	.11	.1	.03	1.4	.1	<.05	8	<.5
1100N+075E	.6	7.5	11.9	93	.2	8.5	6.1	1029	2.02	2.2	.6	.8	3.7	22	.2	.1	.2	35	.19	.163	9	13	.21	165	.094	1	2.30	.012	.06	.1	.06	1.4	.1	<.05	8	<.5
1100N+100E	.8	9.6	11.1	89	.2	15.3	7.7	760	2.24	1.6	.6	<.5	3.2	17	.2	.1	.3	43	.14	.114	7	21	.26	141	.139	1	2.33	.013	.05	.1	.03	1.6	.1	<.05	9	<.5
1100N+125E	.8	6.8	10.3	99	.3	12.4	5.9	1294	2.01	2.6	.7	.8	3.9	12	.2	.1	.2	35	.07	.181	6	19	.27	153	.090	<1	2.43	.011	.05	.1	.04	1.6	.1	<.05	8	<.5
1100N+150E	.7	8.2	10.3	107	.2	22.6	7.9	842	2.26	4.0	.6	<.5	3.6	17	.2	.1	.2	41	.12	.181	7	64	.40	164	.094	1	2.72	.012	.05	.1	.04	1.8	.1	<.05	8	<.5
1100N+175E	.5	6.5	12.5	65	.3	14.6	6.5	244	2.37	2.1	3.4	19.8	5.7	32	.1	.1	.2	43	.17	.016	46	33	.48	89	.047	<1	1.70	.009	.07	.1	.02	2.2	.1	<.05	6	<.5
1100N+200E	.7	5.5	9.1	50	.2	5.0	3.7	221	1.84	1.4	.4	3.8	2.9	19	.1	.1	.2	36	.13	.040	8	8	.17	80	.059	1	1.28	.009	.06	.1	.02	.9	.1	<.05	6	<.5
1100N+225E	.6	7.1	12.7	84	.2	6.0	4.8	649	2.15	3.2	.5	.9	3.5	21	.3	.1	.3	37	.14	.135	8	10	.21	157	.074	1	1.91	.010	.07	.1	.03	1.4	.1	<.05	8	<.5
1100N+250E	.8	7.9	12.0	72	.2	8.6	6.2	798	2.45	2.6	.5	1.1	2.5	16	.2	.2	.3	48	.10	.205	9	16	.26	176	.062	<1	2.34	.012	.05	.1	.04	1.8	.1	<.05	9	<.5
1100N+275E	.6	5.0	14.5	64	.1	4.9	3.3	204	1.79	4.2	.4	<.5	2.9	8	.1	.2	.3	29	.05	.292	9	12	.13	104	.059	1	2.15	.010	.04	.2	.04	1.1	.1	<.05	9	<.5
1100N+300E	1.1	8.2	23.9	70	.5	16.2	7.0	507	2.32	6.3	3.1	6.4	5.4	54	.2	.1	.4	40	.26	.038	30	46	.37	137	.043	<1	2.31	.017	.06	.2	.02	2.3	.2	<.05	8	<.5
1100N+325E	.9	9.6	13.6	46	.4	10.8	4.5	157	2.07	3.5	.5	2.3	2.0	60	.1	.2	.3	53	.34	.051	8	24	.23	96	.064	1	1.30	.013	.07	.1	.05	1.4	.1	<.05	8	<.5
1100N+350E	1.0	20.5	15.2	62	1.2	26.1	9.2	445	2.66	2.7	2.3	3.8	2.9	59	.3	.2	.3	54	.36	.082	22	43	.56	178	.076	1	2.76	.021	.08	.1	.05	3.1	.1	<.05	8	.5
1100N+375E	.7	15.2	20.5	67	.2	25.7	9.6	760	2.38	5.7	.6	2.1	1.2	48	.3	.3	.3	57	.24	.099	6	44	.52	167	.095	1	2.15	.016	.05	.1	.06	2.0	.1	<.05	9	<.5
1100N+400E	1.3	10.8	26.7	69	3.5	4.3	4.2	328	2.05	31.3	1.5	15.7	4.4	21	.4	.3	.3	22	.13	.099	18	6	.11	88	.016	1	2.12	.008	.06	.2	.08	1.0	.2	<.05	7	<.5
1000N+400W	.7	3.8	18.6	75	<.1	3.7	2.2	291	1.15	1.1	.3	2.1	.7	22	.2	.1	1.2	20	.15	.036	2	4	.14	97	.004	<1	1.72	.008	.08	.1	.02	.7	.1	<.05	7	<.5
1000N+375W	.6	4.2	21.3	394	.5	5.1	5.2	528	2.27	1.9	.6	1.9	1.2	24	1.2	.1	3.4	46	.18	.057	3	20	.39	127	.008	<1	1.79	.007	.09	.2	.03	2.9	.1	<.05	8	<.5
1000N+350W	.8	25.5	10.8	77	.7	21.5	9.8	1138	3.70	1.1	24.2	.8	9.2	116	.4	.2	.4	62	.64	.053	173	36	.66	195	.092	1	3.72	.016	.22	.1	.05	11.2	.3	<.05	11	.7
1000N+325W	.6	6.6	12.0	92	<.1	10.1	7.7	614	2.39	1.4	.9	<.5	2.6	22	.4	.1	.2	53	.19	.059	6	18	.41	99	.109	1	1.95	.012	.08	.1	.02	2.0	.2	<.05	7	<.5
1000N+300W	.5	7.2	7.4	62	<.1	10.7	8.0	394	2.46	1.0	.9	3.9	3.5	22	.1	.1	.2	56	.26	.088	9	17	.45	77	.115	<1	1.63	.013	.13	.1	.01	2.4	.2	<.05	7	<.5
1000N+275W	.6	4.0	8.3	51	<.1	8.5	5.7	322	1.91	.7	.4	<.5	2.1	14	.1	.1	.2	41	.11	.070	6	12	.22	58	.113	<1	1.27	.008	.06	.1	.02	1.3	.1	<.05	6	<.5
1000N+250W	.8	10.7	10.4	86	.2	15.1	8.0	519	2.32	1.5	1.3	1.2	3.2	33	.2	.1	.3	41	.21	.106	11	16	.23	149	.150	1	2.84	.014	.07	.1	.03	2.0	.1	<.05	9	<.5
1000N+225W	.8	10.1	7.7	79	.1	13.3	8.8	457	2.63	1.3	1.0	5.8	3.4	19	.2	.1	.2	50	.15	.120	10	16	.25	146	.169	<1	2.33	.010	.08	.1	.03	1.9	.1	<.05	8	<.5
1000N+200W	1.0	19.0	11.6	90	.5	16.5	8.9	1717	3.20	1.5	18.8	1.6	6.7	92	.3	.2	.4	55	.60	.059	116	25	.42	193	.113	1	3.20	.013	.14	<.1	.04	6.5	.2	<.05	10	.6
STANDARD DS7	20.6	122.9	70.2	395	.9	61.7	10.4	611	2.58	44.7	4.7	66.2	4.6	75	5.9	5.9	4.7	94	.91	.074	14	245	1.05	375	.136	37	1.05	.093	.43	3.9	.19	2.8	4.2	.21	5	3.7

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ! FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.9	2.8	2.9	45	<.1	8.5	4.4	542	1.88	<.5	2.4	1.1	4.5	54	<.1	<.1	.1	38	.45	.070	8	115	.58	198	.123	2	.96	.065	.47	.1	<.01	2.1	.4	<.05	5	<.5
1000N+175W	.7	7.5	10.1	64	.2	9.8	5.8	200	2.25	2.7	1.8	1.4	2.8	20	.1	.1	.3	41	.12	.060	11	13	.20	93	.124	1	2.01	.009	.06	.1	.02	1.5	.1	.06	8	<.5
1000N+150W	.7	7.2	8.4	71	.1	12.6	7.0	508	2.61	1.3	1.2	1.0	3.1	22	.1	.1	.3	50	.18	.091	9	24	.30	136	.146	1	1.89	.007	.08	.1	.02	1.7	.1	.06	8	<.5
1000N+125W	1.1	20.7	10.4	66	.4	16.9	6.9	766	2.86	2.5	7.1	.8	3.7	63	.2	.1	.3	50	.43	.066	87	25	.28	164	.105	1	2.98	.011	.12	.1	.04	4.1	.1	.08	10	<.5
1000N+100W	.8	8.0	11.7	68	.3	6.2	4.6	279	1.78	2.2	1.0	2.3	1.7	52	.2	.1	.2	29	.31	.151	6	9	.14	143	.116	1	2.13	.009	.07	.2	.06	1.2	<.1	.07	8	<.5
1000N+075W	.7	8.6	10.6	89	.2	7.3	5.6	1078	1.90	2.2	.7	1.7	2.2	38	.3	.1	.3	32	.28	.198	6	9	.15	140	.128	2	2.57	.012	.05	.1	.05	1.2	.1	.06	9	<.5
1000N+050W	.6	5.9	14.4	46	.2	7.2	4.6	249	1.76	1.2	4.2	1.1	3.6	37	.1	.1	.3	32	.25	.020	26	12	.22	117	.109	1	1.72	.011	.10	.1	.03	1.8	.1	.07	7	<.5
1000N+025W	.6	8.9	10.7	67	.3	8.1	6.6	698	2.16	2.2	1.1	3.7	3.8	21	.2	.1	.2	37	.11	.160	11	14	.28	127	.059	1	2.43	.009	.05	.1	.04	1.9	.1	<.05	7	<.5
1000N+000E	1.0	5.7	14.6	87	.4	7.9	6.1	309	2.68	2.2	.8	2.6	3.5	42	.5	.1	.3	50	.15	.044	11	14	.29	125	.071	1	1.49	.007	.05	.1	.04	1.3	.1	.06	7	<.5
1000N+025E	3.1	16.4	16.7	59	2.1	16.9	11.2	1698	7.88	7.5	34.7	2.6	12.1	113	.3	.1	.4	107	.61	.078	262	28	.44	242	.059	1	3.60	.010	.09	.1	.09	9.5	.2	.08	11	1.2
1000N+050E	1.5	22.1	18.7	60	1.6	27.2	7.7	631	3.72	7.8	16.6	5.9	14.8	92	.3	.2	.5	58	.54	.041	90	50	.37	251	.137	<1	4.45	.019	.09	.1	.09	6.8	.2	.08	14	.5
1000N+075E	.7	6.7	10.9	98	.6	12.8	5.9	460	2.14	3.7	.8	1.2	3.6	16	.2	.1	.2	33	.10	.223	10	20	.23	104	.049	1	2.78	.010	.05	.1	.05	1.5	.1	<.05	9	<.5
1000N+100E	.6	5.9	14.6	104	.8	10.9	5.5	290	2.38	5.0	1.3	36.6	5.1	48	.2	.1	.2	35	.26	.089	20	18	.29	160	.034	1	2.17	.010	.07	.1	.04	1.4	.1	<.05	9	<.5
1000N+125E	.7	6.6	12.7	82	.2	9.7	7.0	500	2.46	4.2	.5	1.1	3.6	23	.2	.1	.3	39	.14	.184	7	17	.24	135	.104	1	2.62	.011	.05	.2	.03	1.5	.1	<.05	9	<.5
1000N+150E	.6	7.6	11.1	95	.2	11.7	6.1	535	2.39	3.0	.5	5.2	4.2	14	.2	.1	.2	41	.11	.134	8	26	.30	128	.092	1	2.29	.009	.06	.1	.03	1.5	.1	<.05	9	<.5
1000N+175E	.8	7.5	13.2	67	.3	10.2	6.0	624	2.23	2.6	.6	.7	3.5	22	.1	.1	.2	40	.16	.075	9	15	.26	108	.094	1	2.00	.009	.07	.1	.03	1.4	.1	<.05	8	<.5
1000N+200E	.9	10.3	10.2	88	.4	12.2	7.3	443	2.45	2.4	.6	1.4	2.9	17	.3	.1	.2	46	.11	.050	8	20	.25	99	.135	1	1.99	.010	.05	.1	.03	1.4	.1	<.05	9	<.5
1000N+225E	.7	5.3	12.1	59	.2	5.3	3.3	122	1.88	2.4	.4	1.1	4.0	18	.1	.1	.3	33	.11	.064	12	11	.16	84	.021	1	1.55	.008	.05	.1	.02	1.0	.1	<.05	8	<.5
1000N+250E	.8	7.3	14.1	86	.5	8.8	5.1	255	1.94	7.9	.4	20.4	4.0	14	.2	.1	.4	34	.10	.072	12	14	.21	93	.044	1	1.72	.011	.06	.1	.03	.9	.1	<.05	8	<.5
1000N+275E	.6	8.0	7.5	109	<.1	9.6	5.9	1274	1.80	1.7	.4	.7	2.3	41	.3	.1	.3	39	.19	.098	8	21	.29	224	.055	1	1.15	.010	.09	.1	.02	1.5	.1	<.05	6	<.5
1000N+300E	1.1	12.1	10.9	118	.1	14.4	7.5	1234	2.28	3.4	.6	2.5	2.8	23	.2	.2	.3	44	.13	.225	6	26	.31	239	.085	1	1.96	.012	.06	.2	.04	1.8	.1	<.05	8	<.5
1000N+325E	1.6	14.2	10.1	132	.3	8.3	6.3	1133	2.18	2.7	.5	.7	2.8	21	.2	.1	.3	39	.12	.222	5	11	.14	136	.081	2	2.23	.010	.06	.2	.07	1.4	.1	<.05	8	<.5
1000N+350E	1.1	15.2	13.6	163	.3	16.2	8.4	1948	2.59	3.8	.5	2.1	2.6	34	.6	.1	.4	50	.18	.136	7	27	.38	205	.086	1	1.97	.013	.06	.1	.04	1.9	.1	<.05	9	<.5
1000N+375E	1.9	12.3	16.2	67	.6	16.1	7.6	1042	3.23	3.9	10.0	3.8	12.2	67	.2	.1	.2	45	.38	.057	83	29	.57	173	.015	<1	3.18	.010	.15	.1	.04	5.4	.2	<.05	10	.5
1000N+400E	.6	7.9	14.0	80	.1	11.5	4.9	457	2.18	2.6	1.0	.7	4.5	21	.2	.1	.3	35	.16	.129	14	14	.26	200	.060	1	3.79	.015	.06	.1	.04	1.7	.1	<.05	12	<.5
900N+400W	.7	8.8	9.2	97	.1	10.5	6.7	874	2.13	1.6	.9	1.2	2.9	20	.2	.1	.5	39	.15	.120	8	13	.22	135	.139	1	2.41	.012	.06	.1	.03	2.0	.1	<.05	9	<.5
900N+375W	.7	9.0	12.9	96	.1	9.7	6.5	998	2.10	2.5	.8	.6	2.3	22	.3	.2	.3	38	.19	.125	7	12	.22	124	.123	1	2.36	.010	.07	.1	.03	1.7	.1	<.05	8	<.5
900N+350W	.6	11.0	9.7	88	<.1	19.3	9.9	718	3.28	1.8	1.1	1.3	3.8	18	.2	.1	.6	73	.19	.081	9	51	.62	83	.120	<1	2.22	.006	.09	.1	.02	4.2	.1	<.05	8	<.5
900N+325W	1.3	12.2	13.6	131	.2	10.3	7.5	1213	3.08	2.1	1.1	1.9	4.3	18	.7	.2	.8	56	.16	.111	10	15	.27	123	.156	1	2.51	.009	.06	.2	.03	2.0	.2	<.05	10	<.5
900N+300W	1.0	14.2	17.4	80	.4	13.6	5.4	336	2.31	1.8	8.2	1.7	5.9	48	.3	.1	.7	41	.30	.034	40	18	.28	113	.165	<1	2.35	.015	.08	.1	.02	3.3	.1	<.05	8	<.5
900N+275W	.8	21.4	15.0	76	.9	16.4	6.1	615	3.25	2.0	26.4	1.3	9.1	95	.3	.1	.6	49	.60	.054	144	29	.48	170	.085	1	4.21	.014	.17	<.1	.07	7.7	.2	.07	13	.8
900N+250W	.6	16.6	13.6	118	.3	13.8	9.1	382	2.85	2.1	5.2	.5	3.8	81	.5	.1	.5	45	.57	.089	40	19	.36	155	.101	1	3.31	.016	.14	.1	.05	3.4	.1	.07	11	<.5
900N+225W	.9	22.9	13.2	82	.5	13.2	7.4	1040	2.81	2.6	12.6	.6	3.2	107	.7	.2	.6	45	.74	.102	142	19	.36	158	.059	1	3.50	.012	.12	.1	.08	4.5	.2	.09	12	.7
900N+200W	.7	8.4	13.2	111	.2	7.7	5.1	587	2.18	2.4	.9	1.1	2.5	17	.3	.1	.3	34	.12	.140	6	10	.20	112	.078	1	2.73	.011	.06	.1	.05	1.8	.1	<.05	10	<.5
RE 900N+200W	.8	8.4	13.4	112	.1	7.9	5.2	586	2.16	2.3	1.0	1.1	2.4	18	.2	.1	.3	35	.12	.141	6	10	.21	116	.077	1	2.70	.011	.06	.2	.04	1.9	.1	<.05	10	<.5
900N+175W	.5	6.1	10.1	106	.1	7.2	5.9	1106	2.35	.9	.7	1.6	2.1	18	.2	.1	.2	47	.15	.055	6	13	.34	116	.054	1	1.70	.007	.07	.1	.01	2.3	.1	<.05	9	<.5
900N+150W	.9	11.1	16.0	122	.1	10.8	6.7	1384	2.49	2.5	2.8	.8	3.7	21	.4	.2	.3	41	.17	.134	14	13	.22	163	.133	1	3.23	.012	.06	.1	.05	2.2	.1	<.05	11	.5
900N+125W	.9	8.0	18.9	76	.1	8.0	5.6	848	2.12	2.8	.7	12.5	2.4	25	.3	.2	.8	42	.19	.092	8	15	.23	140	.113	1	1.68	.009	.06	.2	.05	1.6	.1	<.05	8	<.5
STANDARD DS7	19.5	110.2	68.1	399	.9	55.8	9.5	640	2.49	44.7	4.8	383.2	4.8	75	6.0	5.6	4.3	86	.97	.068	15	223	1.01	364	.130	36	1.02	.091	.43	4.2	.19	2.8	4.2	.24	5	3.8

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	1.0	3.0	3.0	49	<.1	8.5	4.4	566	1.95	<.5	2.5	<.5	4.4	56	<.1	<.1	.1	36	.47	.078	8	111	.62	206	.127	1	.99	.075	.49	.1	<.01	2.2	.4	.06	5	<.5
900N+100W	1.4	7.9	18.1	56	.3	7.7	5.2	311	2.30	3.0	.7	1.4	2.8	21	.2	.2	.7	39	.13	.098	5	12	.18	85	.144	1	2.84	.013	.04	.2	.04	1.5	.1	.07	10	<.5
900N+075W	.9	10.9	43.6	96	.3	11.9	8.5	826	2.69	3.2	1.0	1.1	5.1	26	.6	.1	.6	47	.16	.161	14	20	.39	166	.114	1	2.75	.011	.06	.2	.05	2.0	.1	.06	9	<.5
900N+050W	.7	7.1	28.4	98	.3	8.0	7.6	852	2.72	6.1	.6	1.0	2.8	34	.7	.1	.5	47	.20	.193	8	16	.27	206	.087	1	2.39	.011	.05	.1	.03	1.6	.1	.07	10	<.5
RE 900N+050W	.7	6.6	27.7	96	.2	7.6	7.3	809	2.69	6.0	.5	3.6	2.6	33	.6	.1	.5	47	.20	.196	7	16	.26	185	.101	1	2.37	.011	.04	.2	.03	1.5	.1	.06	10	<.5
900N+025W	.8	5.6	15.4	99	.2	5.6	4.6	384	2.12	3.3	.5	1.1	2.6	19	.3	.1	.3	36	.14	.306	5	11	.13	95	.155	2	2.36	.010	.05	.1	.04	1.3	.1	.06	11	<.5
900N+000E	.9	9.0	12.7	132	.2	5.1	4.5	2784	1.72	3.7	.4	1.3	1.5	15	.8	.2	.3	30	.11	.191	6	8	.11	146	.130	1	1.85	.012	.05	.2	.05	1.1	.1	<.05	9	<.5
900N+025E	1.2	6.7	13.5	85	.2	6.9	4.8	1254	1.93	2.8	.6	1.1	2.3	26	.5	.2	.3	33	.19	.125	7	9	.15	158	.138	2	2.72	.013	.06	.2	.05	1.5	.1	<.05	10	<.5
900N+050E	.8	9.3	11.0	90	.1	10.5	7.6	836	2.64	2.5	.4	<.5	1.7	15	.2	.1	.2	55	.09	.100	5	18	.24	92	.218	1	1.20	.009	.05	.1	.03	1.3	.1	<.05	8	<.5
900N+075E	1.0	6.3	12.2	60	.1	5.6	5.1	929	1.87	2.7	.6	1.9	1.6	26	.2	.2	.3	33	.19	.152	4	8	.12	86	.156	1	2.16	.011	.04	.2	.05	1.0	.1	<.05	9	<.5
900N+100E	1.0	9.2	10.0	66	.1	7.8	6.1	815	2.05	2.9	.9	.5	2.6	15	.2	.1	.2	34	.11	.172	7	10	.13	133	.174	1	3.44	.013	.04	.2	.06	1.9	.1	<.05	9	<.5
900N+125E	1.3	8.3	11.6	95	.2	7.9	7.1	1184	2.30	2.4	.7	.7	2.4	12	.4	.2	.3	39	.08	.145	6	10	.14	115	.182	1	2.93	.013	.03	.1	.05	1.5	.1	<.05	10	<.5
900N+150E	.8	7.0	14.1	105	.1	8.2	7.1	681	2.52	2.8	.4	2.6	1.6	18	.3	.2	.3	50	.13	.159	4	13	.18	132	.235	1	1.97	.010	.06	.1	.05	1.1	.1	<.05	10	<.5
900N+175E	1.0	10.8	13.8	66	.5	10.6	7.1	499	2.23	2.2	4.2	3.3	3.2	73	.4	.2	.3	35	.45	.046	23	14	.21	148	.143	<1	2.49	.012	.04	.1	.07	2.2	.1	<.05	9	<.5
900N+200E	1.0	6.0	11.3	66	.1	8.2	7.7	262	2.27	2.0	.4	1.0	1.6	19	.2	.1	.2	41	.11	.055	4	11	.13	83	.175	1	2.09	.010	.04	.2	.05	1.1	<.1	<.05	8	<.5
900N+225E	.6	8.9	9.5	59	.3	7.6	5.6	304	1.82	1.1	3.3	.7	2.8	51	.3	.1	.2	34	.34	.028	23	13	.18	74	.134	<1	1.38	.008	.04	.1	.03	1.9	.1	<.05	5	<.5
900N+250E	1.2	21.4	12.4	174	.2	12.6	7.9	1079	2.83	2.3	4.4	2.9	3.7	81	.2	.2	.4	41	.52	.108	34	16	.29	157	.092	1	2.53	.012	.07	.1	.04	2.5	.1	<.05	8	<.5
900N+275E	1.1	15.2	11.6	114	.2	9.1	5.7	428	2.24	3.2	1.2	1.3	2.2	34	.2	.1	.3	35	.20	.214	7	11	.19	113	.098	1	3.07	.013	.05	.2	.04	1.7	.1	<.05	9	<.5
900N+300E	1.3	14.7	12.4	102	.2	9.6	5.9	963	2.13	2.2	.7	1.3	2.6	36	.2	.2	.4	37	.25	.114	7	12	.23	161	.074	1	1.87	.010	.08	.2	.04	1.5	.1	<.05	8	<.5
900N+325E	1.6	48.5	23.3	88	.7	19.9	6.0	1336	2.90	4.6	16.0	2.9	8.6	166	.5	.4	.7	40	1.13	.086	193	22	.37	217	.067	2	3.56	.008	.20	.2	.09	6.8	.1	<.05	10	.6
900N+400E	1.7	5.8	11.3	54	.3	3.9	4.2	484	2.06	1.9	.5	<.5	2.7	27	.2	.1	1.0	30	.17	.056	13	6	.24	174	.008	<1	1.61	.009	.06	.2	.03	1.0	.1	<.05	8	<.5
800N+400W	.6	4.8	8.0	70	.2	9.0	6.2	707	1.96	1.4	.6	1.2	2.6	18	.1	.1	.2	37	.15	.097	6	12	.25	117	.120	<1	1.53	.009	.05	.1	.02	1.3	.1	<.05	6	<.5
800N+375W	.5	4.4	8.3	76	.1	7.7	5.9	584	1.76	1.1	.5	<.5	2.4	15	.1	<.1	.2	33	.12	.109	5	11	.19	106	.094	<1	1.49	.010	.04	.1	.02	1.3	.1	<.05	6	<.5
800N+350W	.5	5.4	8.5	78	.1	8.8	6.5	705	1.84	1.5	.8	<.5	2.9	14	.2	.1	.2	35	.11	.079	7	12	.26	87	.101	<1	1.37	.008	.07	.1	.02	1.4	.1	<.05	5	<.5
800N+325W	1.2	14.8	16.4	27	.4	6.5	2.8	241	.83	1.4	5.7	.7	.8	228	.7	.5	.5	12	1.81	.068	14	9	.22	77	.029	3	1.11	.007	.08	.1	.17	1.7	.1	.22	3	.6
800N+300W	1.0	11.8	10.0	112	.2	9.9	9.2	778	2.57	1.9	1.7	1.0	2.4	26	.3	.1	.3	44	.22	.132	11	15	.25	100	.180	1	2.67	.012	.05	.1	.05	2.0	.1	<.05	8	<.5
800N+275W	.7	8.6	8.8	141	.2	6.6	7.2	288	2.15	2.1	.7	.6	1.8	60	.3	.1	.3	33	.29	.176	4	9	.13	104	.170	2	3.83	.013	.04	.2	.03	1.3	<.1	<.05	10	<.5
800N+250W	1.0	10.4	12.4	86	.1	7.3	6.7	1094	2.18	2.8	.9	1.2	1.8	29	.5	.2	.3	37	.25	.155	7	11	.17	131	.165	2	3.05	.011	.04	.2	.06	1.5	.1	<.05	9	<.5
800N+225W	1.2	12.4	10.8	90	<.1	8.9	8.5	827	2.59	1.9	1.2	2.0	3.0	26	.3	.1	.4	48	.27	.159	11	15	.36	102	.211	2	2.36	.016	.07	.3	.03	2.3	.1	<.05	8	<.5
800N+200W	1.1	13.9	12.6	95	<.1	11.4	10.1	1113	3.04	1.9	1.5	1.1	3.6	27	.4	.1	.3	55	.29	.179	13	17	.40	118	.238	2	2.70	.016	.09	.1	.04	2.6	.1	<.05	8	.5
800N+175W	1.0	9.6	12.6	63	.1	7.0	6.3	865	2.03	2.4	.9	.9	2.0	20	.2	.2	.2	35	.17	.142	8	10	.19	111	.158	2	2.76	.013	.04	.3	.05	1.6	.1	<.05	8	<.5
800N+150W	1.1	7.8	10.1	48	.1	5.9	5.3	597	1.89	2.3	.9	<.5	2.7	7	.1	.1	.2	29	.05	.135	6	8	.11	82	.153	1	3.31	.010	.03	.2	.06	1.6	.1	<.05	9	<.5
800N+125W	.9	6.6	10.7	74	.2	7.5	5.6	589	1.70	2.9	.9	3.9	2.8	9	.1	.2	.3	27	.06	.147	6	9	.13	83	.129	<1	2.73	.010	.04	.2	.03	1.6	.1	<.05	8	<.5
800N+100W	.9	7.4	10.5	61	.1	7.4	6.0	558	1.67	2.1	.9	1.1	2.6	14	.2	.1	.2	26	.08	.157	6	8	.11	85	.145	1	2.97	.012	.04	.2	.04	1.5	.1	<.05	8	<.5
800N+075W	.8	7.2	9.5	83	.1	5.2	4.9	942	1.61	2.1	.7	1.7	2.2	8	.2	.1	.2	25	.05	.202	5	7	.10	77	.132	1	2.51	.011	.03	.2	.04	1.4	.1	<.05	8	<.5
800N+050W	.9	8.3	8.7	73	.1	7.2	6.3	495	1.91	2.0	.9	1.3	2.6	10	.2	.1	.2	28	.07	.147	6	9	.13	96	.135	1	2.83	.011	.04	.1	.04	1.6	.1	<.05	8	<.5
800N+025W	1.0	11.1	16.8	152	.3	10.9	7.7	1605	2.50	3.0	2.3	<.5	2.8	38	.5	.2	.4	37	.23	.192	13	13	.19	142	.135	1	3.46	.013	.06	.1	.04	2.1	.1	<.05	12	<.5
800N+000E	1.3	25.4	14.4	98	.5	16.1	7.9	1695	2.76	2.2	16.1	<.5	3.5	96	.4	.3	.4	51	.59	.061	126	20	.32	185	.146	1	2.99	.014	.07	.1	.03	5.1	.1	<.05	10	.5
STANDARD DS7	19.6	110.5	69.6	410	.9	58.0	9.7	642	2.47	49.5	5.1	67.5	4.8	76	6.2	6.1	4.8	85	.95	.076	14	215	1.05	379	.126	42	1.01	.096	.43	4.0	.19	2.7	4.3	.21	5	3.8

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.8	2.4	3.0	45	<.1	7.5	4.4	536	1.78	<.5	2.3	2.5	4.1	58	<.1	<.1	.1	37	.43	.075	7	115	.58	216	.120	1	1.04	.131	.54	.1	<.01	3.6	.4	<.05	5	<.5
700N+325E	.8	9.6	14.9	61	.1	15.1	7.7	919	2.58	3.0	.5	1.7	2.0	22	.2	.2	.3	51	.21	.146	4	27	.37	216	.111	1	2.61	.011	.05	.4	.05	1.8	.1	<.05	10	<.5
700N+350E	.7	8.3	13.9	47	.2	11.9	5.3	621	2.06	3.3	.6	1.4	1.6	29	.3	.2	.3	34	.31	.196	3	17	.18	137	.132	2	4.45	.010	.04	.5	.08	1.2	.1	<.05	11	<.5
700N+375E	1.2	14.7	8.9	42	.4	9.3	6.6	228	2.42	3.5	.8	2.4	2.8	18	.2	.2	.2	47	.13	.051	6	14	.26	95	.096	1	3.13	.013	.04	.2	.08	2.4	.1	<.05	8	.5
700N+400E	4.4	48.1	12.3	40	1.3	19.0	10.3	728	3.52	4.7	9.1	5.0	4.8	61	.3	.2	.4	62	.36	.037	36	43	.38	182	.088	1	3.16	.015	.05	.3	.10	5.2	.1	<.05	10	1.2
600N+400W	.9	6.9	7.9	69	.1	11.2	10.5	558	3.07	1.0	1.0	3.1	3.3	16	.2	.1	.2	62	.17	.105	10	23	.38	105	.144	1	1.44	.010	.05	.2	.02	2.1	.1	<.05	7	<.5
600N+375W	.9	9.8	6.9	51	<.1	13.5	9.8	843	2.61	1.1	2.4	.7	4.7	45	.1	.1	.2	53	.56	.138	20	24	.51	110	.131	1	1.06	.016	.14	.2	.03	2.6	.1	<.05	4	<.5
600N+350W	.7	6.8	6.2	40	<.1	9.7	7.7	383	2.34	.9	1.4	.7	4.4	23	.1	.1	.1	54	.41	.145	15	22	.41	30	.111	<1	.75	.012	.09	.3	.01	1.9	.1	<.05	4	<.5
600N+325W	.7	7.5	4.9	48	<.1	10.2	8.9	506	2.86	.8	2.4	4.0	5.2	26	.1	<.1	.2	62	.42	.148	18	23	.44	62	.117	<1	.76	.015	.09	.2	.01	2.1	.1	<.05	3	<.5
600N+300W	.8	7.0	5.9	45	<.1	9.9	9.1	446	2.93	.9	2.2	.8	5.2	34	.1	.1	.1	68	.49	.161	21	24	.44	66	.158	<1	.90	.018	.05	.2	.01	2.3	.1	<.05	4	<.5
600N+225W	.8	9.1	7.7	67	<.1	9.6	8.7	587	2.45	1.2	1.9	1.6	3.2	92	.3	.1	.2	49	.95	.135	16	18	.48	120	.127	2	.98	.018	.13	.3	.07	2.4	.1	.07	4	<.5
600N+200W	.7	10.4	19.2	101	<.1	11.6	10.5	1377	3.85	2.9	1.7	.5	6.5	33	.3	.2	.2	71	.36	.113	27	18	.58	74	.134	1	1.74	.009	.25	.1	.03	5.1	.2	<.05	7	<.5
600N+175W	1.1	11.4	10.1	73	.1	12.5	11.3	532	3.16	2.1	1.2	1.9	3.7	14	.2	.1	.2	60	.11	.109	9	18	.34	102	.233	1	2.39	.011	.06	.1	.04	2.5	.1	<.05	8	<.5
RE 600N+175W	1.1	10.6	9.9	72	.1	12.0	10.7	535	3.15	2.1	1.2	1.6	3.7	15	.2	.2	.2	59	.11	.107	9	19	.34	101	.231	1	2.35	.008	.05	.1	.04	2.5	.1	<.05	8	<.5
600N+150W	1.1	9.5	10.5	56	<.1	8.4	7.0	475	2.30	2.6	.9	1.9	2.8	11	.1	.2	.2	41	.08	.165	7	11	.16	84	.190	1	3.49	.011	.04	.2	.05	2.0	.1	<.05	9	<.5
600N+125W	.8	7.1	12.6	67	<.1	5.6	5.2	1768	1.99	3.1	.4	1.4	1.6	9	.2	.2	.6	37	.08	.223	4	10	.09	96	.158	1	1.97	.010	.04	.1	.04	1.1	.1	<.05	9	<.5
600N+100W	1.0	6.9	11.3	83	.1	7.5	7.8	898	2.38	2.9	.5	3.3	1.9	16	.2	.2	.3	45	.11	.171	5	11	.12	107	.196	1	3.01	.012	.03	.2	.04	1.4	.1	<.05	10	<.5
600N+075W	1.2	8.2	13.1	81	.2	9.4	8.4	824	3.12	2.3	.7	1.9	2.4	12	.2	.2	.3	63	.11	.154	6	15	.24	101	.259	1	2.34	.009	.05	.2	.05	1.6	.1	<.05	12	<.5
600N+050W	1.2	8.8	8.6	71	<.1	9.5	7.8	1003	2.53	1.6	.8	2.3	3.0	9	.2	.1	.2	49	.10	.144	6	15	.21	99	.174	1	2.61	.009	.04	.2	.05	1.7	.1	<.05	8	<.5
600N+025W	1.0	9.5	9.1	71	<.1	9.0	7.8	853	2.43	2.2	.9	1.4	2.9	12	.1	.1	.2	47	.10	.184	8	14	.17	97	.181	1	3.12	.011	.04	.2	.04	2.1	.1	<.05	8	<.5
600N+000E	1.2	9.1	8.8	62	<.1	9.3	7.6	484	2.54	2.7	.9	3.3	2.8	9	.1	.2	.2	47	.07	.140	7	12	.17	86	.192	1	3.35	.011	.04	.3	.06	2.0	.1	<.05	8	<.5
600N+025E	1.1	8.1	11.2	77	<.1	8.4	8.2	872	2.66	2.3	.7	2.2	2.7	7	.1	.2	.2	48	.06	.158	6	13	.16	86	.196	1	3.07	.011	.04	.2	.04	1.7	.1	<.05	9	<.5
600N+050E	1.1	7.6	14.2	79	<.1	7.9	8.7	1698	2.93	2.7	.6	.6	2.1	10	.1	.2	.3	64	.09	.189	5	16	.20	103	.292	1	1.44	.009	.06	.1	.04	1.2	.1	<.05	10	<.5
600N+075E	1.1	8.5	9.4	54	<.1	7.5	6.6	623	2.17	2.6	.9	1.6	2.6	9	.1	.1	.2	37	.06	.184	8	10	.13	84	.181	1	3.47	.010	.03	.2	.06	1.9	.1	<.05	9	<.5
600N+100E	1.1	8.5	9.1	52	<.1	7.9	6.9	1158	2.14	1.9	.8	1.0	2.3	11	.1	.1	.2	36	.07	.162	6	10	.13	105	.187	1	3.29	.012	.04	.2	.03	1.7	.1	<.05	9	<.5
600N+125E	1.1	10.3	9.6	86	<.1	9.0	7.7	988	2.38	2.2	.8	1.6	2.4	22	.2	.1	.2	41	.15	.214	7	12	.15	112	.195	1	3.26	.012	.04	.2	.04	1.8	.1	<.05	9	<.5
600N+150E	1.3	9.1	9.6	73	<.1	10.0	7.7	266	2.75	2.0	.8	1.8	2.8	16	.1	.1	.2	53	.10	.123	7	16	.18	93	.203	1	3.00	.011	.04	.1	.04	1.9	.1	<.05	10	<.5
600N+175E	1.1	6.9	9.0	62	<.1	9.5	7.5	524	2.42	2.5	.6	2.2	2.2	10	.1	.2	.2	39	.08	.200	5	11	.14	78	.187	1	4.06	.010	.03	.2	.05	1.4	.1	<.05	10	<.5
600N+200E	1.0	9.2	13.4	124	.1	12.8	11.5	827	3.02	2.9	.6	.8	1.8	52	.4	.2	.3	55	.37	.276	6	16	.31	158	.261	2	2.27	.012	.08	.1	.05	1.6	.1	<.05	10	<.5
600N+225E	1.2	42.5	14.6	78	1.4	25.6	8.7	1132	3.91	1.9	15.7	1.4	5.1	138	.6	.4	.6	54	1.03	.076	99	38	.42	288	.109	1	5.27	.015	.12	.1	.08	10.2	.1	<.05	13	.7
600N+250E	1.1	18.1	17.2	44	.6	9.0	5.8	584	2.41	1.1	16.3	1.3	3.7	86	.5	.1	.4	40	.63	.040	81	14	.26	264	.048	<1	2.90	.018	.08	.1	.05	3.6	.2	<.05	9	.7
600N+275E	.7	5.4	14.0	83	.1	4.9	4.5	496	2.38	1.3	.7	<.5	2.1	26	.4	.1	.3	44	.13	.070	5	8	.23	104	.010	<1	2.25	.010	.08	.2	.03	1.3	.1	<.05	12	<.5
600N+300E	.6	8.7	17.5	48	.2	5.9	4.7	370	2.02	1.7	.9	1.1	3.3	22	.2	.1	.4	33	.19	.083	7	7	.15	232	.023	<1	3.81	.013	.06	.2	.04	1.6	.2	<.05	10	<.5
600N+325E	1.4	5.8	11.5	6	<.1	2.5	.6	26	.23	<.5	3.0	.7	.3	210	.4	.2	<.1	8	1.19	.113	16	4	.04	124	.010	1	.57	.009	.06	.1	.08	.9	<.1	.34	2	1.0
600N+350E	.8	15.6	31.8	88	.2	9.4	7.7	2225	2.04	2.8	.7	.8	.5	54	.9	.3	.6	39	.42	.095	12	16	.43	361	.024	2	1.71	.007	.08	.2	.07	1.1	.1	<.05	7	<.5
600N+375E	.9	9.8	17.6	56	.3	9.1	5.7	222	2.27	1.7	2.2	.8	3.6	22	.5	.1	.5	34	.15	.072	13	12	.22	162	.068	1	3.97	.013	.05	.3	.06	1.8	.1	<.05	10	.5
600N+400E	.6	8.2	14.0	118	.1	5.8	4.7	1327	1.91	2.0	.7	.8	1.6	26	1.8	.2	.4	31	.26	.129	7	8	.17	192	.068	1	3.22	.012	.07	.2	.05	1.7	.1	<.05	10	<.5
500N+400W	.9	8.0	11.7	57	<.1	5.6	4.8	505	2.14	2.7	.5	1.6	1.4	19	.4	.2	.2	43	.15	.113	4	9	.10	113	.188	1	2.55	.011	.03	.2	.04	1.2	.1	<.05	9	<.5
STANDARD DS7	20.2	115.4	71.3	415	.9	59.9	10.2	650	2.49	48.4	5.5	110.2	4.8	74	6.8	6.3	4.8	89	.95	.082	15	226	1.08	387	.131	44	1.06	.102	.45	4.0	.20	2.8	4.3	.22	5	3.7

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.8	2.4	2.9	43	<.1	7.5	3.9	502	1.72	<.5	2.1	2.6	4.1	57	<.1	<.1	.1	34	.40	.073	6	88	.55	217	.114	1	.99	.100	.52	.1	<.01	3.7	.4	<.05	5	<.5
500N+375W	1.1	9.5	10.2	36	.2	4.9	5.0	693	1.92	2.2	1.1	2.6	2.7	17	.2	.1	.2	33	.10	.158	9	8	.10	98	.158	1	3.93	.010	.03	.2	.09	2.2	.1	<.05	9	.5
500N+350W	1.2	8.2	10.8	43	.1	5.7	5.4	456	2.02	2.9	1.0	2.8	3.0	9	.2	.2	.2	34	.06	.155	6	10	.12	68	.149	1	4.06	.008	.02	.3	.06	2.0	.1	<.05	9	.5
500N+325W	1.1	9.6	11.3	47	.1	6.9	5.5	536	2.08	2.6	1.1	1.8	3.1	9	.1	.2	.3	35	.05	.159	7	9	.12	87	.168	1	4.44	.010	.02	.2	.07	2.2	.1	<.05	10	<.5
500N+300W	1.0	8.5	10.9	67	<.1	7.6	6.3	777	2.22	2.8	.8	2.0	2.5	11	.1	.2	.2	37	.08	.180	5	10	.12	96	.175	1	3.52	.009	.03	.2	.05	1.7	.1	<.05	9	<.5
500N+275W	1.0	7.8	10.0	54	<.1	6.1	5.8	356	2.26	2.5	.8	6.0	3.0	9	.1	.2	.3	40	.07	.208	5	11	.13	71	.164	2	3.42	.008	.03	.3	.06	1.6	.1	<.05	9	<.5
500N+250W	.9	8.5	9.4	45	<.1	6.6	5.1	612	1.92	2.5	1.1	1.2	3.1	14	.1	.1	.2	34	.09	.198	5	10	.13	90	.152	1	4.27	.010	.03	.3	.05	1.8	.1	<.05	9	<.5
500N+225W	.9	8.5	9.5	47	<.1	6.8	5.4	472	1.98	2.4	.8	1.1	2.7	24	.1	.1	.2	36	.14	.169	5	10	.12	88	.150	1	3.61	.011	.03	.2	.05	1.6	.1	<.05	9	<.5
500N+200W	1.2	13.1	10.6	94	.2	14.9	14.4	849	3.46	1.6	.9	.7	3.3	39	.2	.1	.2	67	.33	.098	11	23	.61	123	.246	1	2.22	.008	.16	.1	.03	2.3	.1	<.05	8	<.5
500N+175W	1.5	17.4	33.3	157	.3	10.0	14.6	2841	6.13	3.8	6.6	1.5	10.3	62	.8	.4	.7	81	.72	.132	68	10	.55	116	.032	1	1.30	.006	.31	.2	.04	12.4	.2	<.05	6	.5
500N+150W	.8	16.4	12.6	83	.2	13.8	15.2	1488	4.38	1.8	3.8	2.4	6.9	63	.3	.1	.3	67	.47	.106	43	21	.55	157	.182	1	1.66	.010	.15	.2	.03	6.7	.2	<.05	6	<.5
500N+125W	1.5	13.4	13.7	70	.2	13.5	9.1	732	2.78	4.1	.6	<.5	2.6	41	.3	.2	.3	56	.31	.113	10	23	.40	121	.179	1	1.59	.009	.13	.2	.06	1.8	.1	<.05	8	<.5
500N+100W	.9	21.9	11.7	48	.6	15.7	9.0	468	2.87	1.8	16.9	2.5	5.1	157	.3	.3	.3	50	.96	.058	59	28	.41	162	.146	1	2.55	.011	.12	.1	.10	6.8	.1	<.05	8	.9
500N+075W	2.6	22.5	14.3	65	.5	19.8	12.8	1730	3.23	1.9	9.6	1.0	4.4	114	.5	.2	.4	56	.66	.054	29	22	.36	195	.120	1	3.76	.023	.09	.1	.07	6.0	.1	<.05	10	.6
500N+050W	.7	9.8	12.6	132	<.1	4.8	4.1	738	1.62	2.1	.3	1.4	.9	101	.5	.1	.3	28	.63	.127	3	9	.11	190	.133	2	1.26	.010	.05	.1	.05	1.0	<.1	<.05	9	<.5
500N+025W	1.1	12.0	13.9	79	.3	12.6	6.5	1043	2.43	2.3	5.5	1.0	3.4	83	.4	.2	.4	37	.53	.111	21	15	.25	109	.146	1	3.98	.019	.06	.1	.04	2.8	.1	<.05	10	<.5
500N+000E	.6	7.0	10.6	79	.2	5.3	4.5	543	1.83	2.7	.9	1.3	2.5	19	.3	.1	.3	27	.14	.348	4	9	.12	96	.150	2	3.70	.011	.05	.2	.05	1.4	.1	<.05	10	<.5
500N+025E	.6	6.4	12.6	103	<.1	7.4	6.1	832	2.11	2.7	.6	1.5	1.9	59	.6	.2	.3	38	.43	.347	5	13	.21	155	.114	1	1.95	.009	.06	.2	.05	1.5	.1	<.05	7	<.5
500N+050E	.7	5.7	9.2	69	<.1	10.6	7.5	273	2.48	2.1	.6	<.5	2.4	23	.1	.1	.2	48	.15	.128	6	17	.23	70	.201	1	1.31	.007	.04	.1	.01	1.3	.1	<.05	6	<.5
500N+075E	.9	5.9	13.4	77	<.1	8.4	10.2	1280	2.52	2.0	.5	.5	1.9	30	.2	.2	.2	50	.19	.121	8	14	.21	129	.241	1	1.23	.010	.06	.1	.03	1.4	.1	<.05	7	<.5
500N+100E	.9	8.4	8.4	64	<.1	10.6	8.4	593	2.56	1.7	.7	1.8	3.1	16	.1	.1	.2	47	.12	.130	8	14	.20	127	.206	1	2.53	.010	.04	.2	.04	2.2	.1	<.05	8	<.5
500N+125E	.9	7.2	9.0	76	<.1	8.8	8.2	464	2.48	2.1	.6	2.1	2.8	15	.1	.1	.2	45	.12	.129	6	13	.18	93	.181	1	2.52	.008	.04	.1	.03	1.9	.1	<.05	8	<.5
500N+150E	1.1	7.1	13.5	79	<.1	8.4	7.5	932	2.57	2.7	.5	2.1	2.0	16	.2	.2	.3	48	.12	.139	5	12	.17	107	.215	1	2.43	.008	.04	.2	.05	1.6	.1	<.05	9	<.5
500N+175E	.7	5.9	11.3	96	.1	9.8	8.7	1406	2.18	1.6	.4	1.2	1.9	19	.2	.1	.3	42	.13	.172	5	11	.19	140	.235	1	1.82	.012	.05	.1	.03	1.4	.1	<.05	8	<.5
500N+200E	.7	7.9	16.5	102	<.1	6.2	5.5	364	1.93	3.7	.7	4.4	1.7	12	.3	.2	.3	31	.07	.248	4	9	.11	79	.145	1	2.60	.009	.03	.2	.04	1.5	<.1	<.05	9	<.5
500N+225E	.6	8.4	11.6	80	<.1	6.8	6.3	709	2.24	3.8	.4	1.4	1.8	66	.4	.2	.3	41	.50	.267	4	11	.16	185	.184	2	1.75	.010	.05	.2	.04	1.4	.1	<.05	9	<.5
500N+250E	.6	9.6	12.2	71	<.1	6.2	5.8	457	2.16	3.1	.5	1.5	1.6	10	.4	.1	.3	43	.09	.167	4	10	.13	89	.154	1	2.07	.009	.04	.2	.03	1.5	.1	<.05	8	<.5
500N+275E	1.1	6.2	12.0	61	<.1	7.9	6.1	941	1.92	2.1	.5	1.9	1.8	28	.2	.2	.3	32	.19	.108	5	9	.15	121	.163	1	2.67	.010	.04	.2	.05	1.5	.1	<.05	9	<.5
500N+300E	.7	6.9	11.5	31	<.1	4.8	3.9	259	1.83	2.5	.9	1.0	2.1	13	.1	.1	.2	28	.09	.135	3	6	.09	63	.112	1	4.08	.010	.03	.3	.04	1.3	.1	<.05	11	<.5
500N+325E	.7	8.4	15.0	33	.1	7.0	3.9	304	1.56	4.3	.6	1.5	1.6	14	.2	.2	.3	27	.11	.090	3	11	.11	70	.117	1	2.75	.011	.04	.2	.07	1.5	.1	<.05	10	<.5
RE 500N+325E	.7	8.3	15.0	33	.1	7.3	4.1	309	1.60	4.2	.6	1.6	1.7	15	.2	.2	.3	27	.12	.092	3	11	.11	71	.119	1	2.74	.011	.04	.2	.07	1.6	.1	<.05	10	<.5
500N+350E	.4	6.4	13.2	41	<.1	4.4	2.6	299	1.55	2.0	.3	<.5	1.4	12	.2	.1	.3	30	.09	.096	3	7	.09	67	.084	1	1.52	.008	.03	.2	.03	1.2	<.1	<.05	9	<.5
500N+375E	1.0	21.3	24.3	60	.3	26.3	9.5	986	2.59	2.3	2.2	1.6	2.0	43	.5	.2	.5	55	.32	.098	12	59	.51	340	.108	1	3.06	.012	.09	.3	.04	2.8	.1	<.05	11	<.5
500N+400E	2.0	25.5	11.8	71	.2	38.8	14.6	509	3.04	2.0	1.3	1.0	3.9	28	.1	.1	.4	67	.21	.238	14	93	1.04	169	.215	1	4.30	.012	.10	.3	.04	4.0	.1	<.05	12	<.5
400N+400W	.7	9.8	9.4	152	.1	6.8	7.9	515	2.20	1.5	.7	1.2	1.7	30	.3	.1	.2	38	.23	.115	7	11	.16	117	.143	1	1.75	.009	.06	.1	.03	1.5	<.1	<.05	7	<.5
400N+375W	1.8	17.3	13.9	87	.4	10.6	9.9	1177	2.91	2.0	5.3	1.4	2.1	89	.4	.2	.3	49	.64	.064	45	14	.22	106	.160	1	2.34	.014	.05	.1	.04	3.3	.1	.06	10	<.5
400N+350W	4.2	23.0	10.2	67	.4	13.5	13.4	2562	4.66	1.7	13.0	.8	4.6	68	.5	.1	.3	71	.53	.071	54	19	.26	136	.132	1	2.77	.016	.04	.1	.04	6.8	.2	<.05	9	.7
400N+325W	2.2	13.7	14.0	118	.2	13.9	13.3	1845	4.57	2.5	5.2	1.1	3.8	85	.3	.2	.4	67	.62	.104	31	18	.32	146	.173	1	3.02	.012	.10	.1	.03	3.3	.2	<.05	11	<.5
STANDARD DS7	20.1	114.8	69.4	407	.9	59.3	10.1	648	2.47	47.9	5.3	68.5	5.0	72	6.5	6.4	4.8	87	.93	.081	14	223	1.06	389	.129	42	1.00	.094	.45	4.2	.19	2.8	4.3	.19	5	3.8

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.9	2.7	3.1	44	<.1	8.9	4.3	541	1.82	<.5	2.4	3.2	4.2	59	<.1	<.1	.1	37	.40	.074	7	100	.55	241	.121	1	1.03	.122	.54	.1	<.01	4.5	.4	<.05	4	<.5
400N+300W	2.2	14.5	12.6	92	.2	13.0	11.7	1989	4.62	1.7	6.9	1.8	5.3	46	.3	.1	.4	59	.36	.081	30	16	.26	144	.181	1	3.64	.015	.05	.1	.05	4.2	.2	<.05	9	.6
400N+275W	1.0	9.4	13.3	135	.1	11.6	8.6	1286	2.70	3.2	2.0	2.7	2.7	39	.3	.2	.3	45	.33	.143	8	16	.31	108	.185	1	2.99	.011	.06	.2	.04	2.4	.1	<.05	8	<.5
400N+250W	1.4	9.2	11.6	98	.1	9.7	7.7	1353	2.63	1.8	4.2	4.6	2.6	47	.2	.1	.3	44	.39	.077	20	13	.23	96	.196	1	2.81	.012	.04	.1	.03	2.9	.1	<.05	8	<.5
RE 400N+250W	1.3	9.0	12.1	94	.1	10.0	7.6	1356	2.62	1.9	4.2	2.0	2.6	47	.3	.1	.3	44	.40	.075	20	13	.23	98	.195	1	2.88	.015	.04	.1	.04	3.0	.1	<.05	8	.5
400N+225W	1.1	13.7	12.2	123	.2	12.0	10.6	1687	3.23	1.8	3.1	1.5	2.2	64	.4	.2	.3	60	.54	.083	25	16	.30	106	.249	1	2.17	.011	.05	.1	.03	2.2	.1	<.05	8	.5
400N+200W	1.1	10.5	12.1	70	.1	7.5	9.7	1216	2.33	3.9	.7	1.1	1.8	24	.3	.2	.2	42	.19	.200	6	10	.15	129	.192	1	2.66	.009	.04	.2	.06	2.1	.1	<.05	7	<.5
400N+175W	1.2	11.2	10.2	73	.1	8.0	8.1	627	2.48	2.7	1.1	1.9	2.7	11	.2	.1	.2	44	.08	.162	7	11	.14	87	.207	1	3.96	.010	.04	.2	.05	2.1	.1	<.05	10	<.5
400N+150W	1.1	9.2	10.7	50	<.1	6.9	7.0	615	2.20	3.3	.9	3.0	2.9	9	.2	.2	.2	38	.06	.180	7	9	.12	100	.199	1	3.70	.009	.04	.2	.05	2.0	.1	<.05	9	<.5
400N+125W	1.0	9.8	15.1	68	<.1	8.3	8.3	1591	2.49	3.0	.7	1.8	2.2	16	.2	.2	.3	46	.11	.152	6	11	.16	126	.210	1	2.78	.008	.04	.2	.06	2.3	.1	<.05	8	<.5
400N+100W	1.0	8.9	9.4	50	<.1	8.4	6.9	462	2.32	2.8	.9	1.6	3.1	9	.1	.2	.2	44	.07	.161	6	12	.16	87	.177	1	3.60	.009	.03	.2	.06	2.0	.1	<.05	9	.5
400N+075W	1.0	9.3	8.6	52	<.1	8.9	6.7	287	2.36	2.0	1.1	1.9	3.2	10	.1	.1	.3	45	.08	.171	8	13	.16	77	.179	1	3.68	.009	.04	.2	.06	2.2	.1	<.05	9	.5
400N+050W	1.1	10.4	10.1	53	.1	8.3	6.8	837	2.14	2.4	1.0	1.2	2.7	18	.1	.1	.2	39	.15	.173	8	11	.16	114	.184	1	3.49	.013	.04	.2	.05	2.3	.1	<.05	9	<.5
400N+025W	1.0	7.3	10.2	66	<.1	9.1	7.3	647	2.89	2.0	.6	4.0	2.5	14	.2	.1	.3	61	.13	.206	6	17	.27	71	.222	1	2.37	.008	.07	.2	.03	1.9	.1	<.05	10	<.5
400N+000E	.9	8.9	8.3	61	<.1	6.9	6.5	697	2.07	2.1	.7	3.2	2.7	12	.1	.1	.2	38	.09	.212	6	12	.16	95	.154	1	2.58	.010	.04	.2	.05	2.1	.1	<.05	8	<.5
400N+025E	.7	6.1	15.2	89	<.1	4.8	5.1	1060	1.93	2.7	.2	20.8	.9	23	.4	.2	.3	48	.24	.080	3	12	.08	84	.174	2	.49	.007	.05	.1	.04	.8	<.1	<.05	6	<.5
400N+050E	.9	5.4	11.4	71	<.1	5.4	3.2	108	2.60	3.3	.5	.8	2.5	11	.1	.2	.6	48	.08	.308	4	13	.11	78	.181	1	2.67	.009	.03	.3	.05	1.7	<.1	<.05	12	<.5
400N+075E	1.3	8.6	12.0	73	.2	9.0	6.8	296	2.84	2.3	.6	.8	1.9	20	.2	.1	.3	67	.16	.054	6	18	.22	77	.232	1	1.20	.008	.06	.1	.03	1.4	.1	<.05	8	<.5
400N+100E	2.3	28.3	16.7	139	.5	17.7	11.0	3917	3.34	2.3	3.5	.7	2.5	91	.7	.2	.5	55	.77	.099	19	21	.36	192	.152	1	2.65	.012	.10	.1	.05	3.4	.2	.08	11	<.5
400N+125E	1.1	20.9	13.9	151	.3	21.0	10.2	724	3.27	2.2	2.9	1.4	4.0	50	.3	.1	.4	51	.38	.097	15	19	.41	171	.179	1	3.52	.013	.08	.1	.04	3.3	.1	.06	11	<.5
400N+150E	1.3	10.0	6.3	58	.2	10.6	9.2	1056	2.60	.8	2.7	.9	3.7	30	.1	<.1	.2	57	.26	.076	16	22	.44	79	.137	<1	1.51	.011	.06	.2	.01	2.8	.1	<.05	5	<.5
400N+175E	.9	8.8	7.4	60	<.1	11.7	10.4	676	2.96	1.0	2.4	2.0	4.6	50	.2	.1	.3	60	.56	.133	20	23	.52	84	.156	<1	1.16	.015	.14	.2	.03	3.1	.1	.06	5	<.5
400N+200E	.8	8.8	5.1	57	<.1	11.9	9.3	697	2.57	.7	2.0	1.0	4.3	34	.1	<.1	.1	54	.41	.129	18	22	.51	82	.136	<1	1.05	.013	.11	.2	.01	2.7	.1	<.05	4	<.5
400N+225E	.7	7.9	4.7	53	<.1	10.4	8.1	560	2.26	.5	1.5	1.2	3.8	37	.2	<.1	.1	47	.48	.125	16	19	.43	71	.115	<1	.86	.010	.15	.2	.02	2.2	.1	.06	3	<.5
400N+250E	1.0	10.7	9.4	78	<.1	12.7	11.6	942	3.20	1.4	3.0	1.2	3.1	55	.3	.1	.3	66	.56	.143	23	25	.51	100	.154	<1	1.33	.014	.12	.1	.02	3.1	.1	.06	5	<.5
400N+275E	1.1	10.0	9.0	88	<.1	11.6	9.8	516	2.95	2.5	.8	2.2	3.3	39	.2	.1	.3	58	.29	.273	8	19	.35	118	.185	1	1.96	.008	.08	.2	.03	2.0	.1	.06	7	<.5
400N+300E	.7	6.8	11.2	136	<.1	5.8	6.0	2499	2.00	3.6	.5	2.7	1.8	15	.4	.1	.3	36	.09	.430	4	10	.12	187	.175	1	2.14	.010	.04	.2	.03	1.5	.1	<.05	9	<.5
400N+325E	.9	6.3	11.4	68	<.1	6.1	5.7	823	2.24	1.9	.4	4.6	1.9	7	.1	.2	.3	42	.06	.163	4	11	.11	67	.175	1	2.27	.010	.04	.2	.03	1.6	.1	<.05	10	<.5
400N+350E	1.0	7.4	9.4	51	<.1	7.4	6.2	735	2.23	2.2	.9	1.7	2.6	14	.1	.1	.2	39	.10	.185	6	11	.14	119	.180	<1	3.71	.009	.04	.2	.03	1.7	.1	<.05	10	<.5
400N+375E	1.0	6.6	9.5	55	<.1	6.6	5.7	988	2.11	2.6	.7	1.6	2.0	16	.1	.1	.3	37	.11	.146	5	10	.13	126	.171	1	3.25	.010	.04	.3	.06	1.5	.1	<.05	10	<.5
400N+400E	.9	7.7	11.1	55	<.1	5.7	5.7	1465	1.90	2.5	.5	3.4	1.4	13	.2	.1	.3	37	.09	.175	4	10	.11	107	.161	1	2.23	.010	.04	.2	.04	1.3	.1	<.05	9	<.5
300N+400W	.9	7.0	10.9	67	<.1	6.8	8.9	523	2.80	2.9	.5	2.8	2.1	11	.2	.2	.3	53	.07	.262	4	15	.15	76	.204	1	2.05	.009	.04	.2	.04	1.7	.1	<.05	10	<.5
300N+375W	.9	6.3	11.5	87	.1	14.1	8.6	979	2.87	1.2	1.2	1.0	2.1	42	.1	.1	.4	55	.25	.061	9	16	.25	210	.258	1	2.61	.012	.05	.1	.03	1.8	.1	<.05	9	<.5
300N+350W	1.2	7.4	8.2	61	<.1	7.5	6.9	608	2.40	1.5	.8	3.3	2.7	12	.1	.1	.2	45	.08	.128	9	12	.18	100	.172	1	2.49	.010	.04	.2	.04	2.2	.1	<.05	8	<.5
300N+325W	1.2	9.0	10.2	57	.1	7.3	6.0	831	2.19	3.0	.8	2.9	2.2	11	.1	.1	.3	41	.08	.165	5	10	.13	92	.182	1	3.36	.010	.04	.2	.04	1.9	.1	<.05	9	.5
300N+300W	1.2	7.5	11.9	54	.1	6.9	6.0	403	2.37	3.4	.6	2.9	2.2	10	.1	.2	.3	44	.07	.137	5	10	.12	91	.204	1	3.01	.010	.03	.2	.05	1.7	.1	<.05	10	<.5
300N+275W	1.1	6.7	10.9	52	.1	6.0	5.7	499	2.28	3.3	.5	2.3	2.1	9	.2	.2	.2	38	.07	.190	3	9	.09	66	.182	1	4.14	.009	.03	.2	.05	1.3	.1	<.05	10	<.5
300N+250W	.8	7.0	12.4	91	.1	8.6	7.0	802	2.45	3.9	.6	3.9	2.0	16	.3	.2	.3	42	.12	.251	4	15	.17	97	.187	1	3.05	.011	.04	.2	.05	1.9	.1	<.05	10	<.5
STANDARD DS7	21.1	117.3	71.4	411	.9	61.1	10.4	660	2.48	52.3	5.1	67.7	4.8	74	6.8	6.2	4.9	91	.92	.083	14	225	1.09	402	.132	42	1.09	.093	.46	4.0	.21	2.8	4.4	.23	5	3.9

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 1 FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.9	2.7	2.6	45	<.1	8.8	4.1	496	1.79	<.5	2.4	1.2	4.2	56	<.1	<.1	.1	34	.43	.077	7	101	.56	204	.117	1	.87	.080	.50	.1	<.01	2.4	.3	<.05	5	<.5
300N+225W	1.2	7.4	11.2	105	.1	7.4	6.7	472	2.43	2.2	1.0	2.8	1.9	16	.2	.2	.3	40	.11	.139	5	11	.16	94	.176	1	2.54	.010	.04	.2	.04	1.7	.1	<.05	9	<.5
300N+200W	1.6	14.8	9.3	85	.3	10.7	10.2	2029	3.62	1.7	9.2	.7	2.0	103	.5	.2	.2	58	.87	.087	52	15	.29	125	.129	2	1.86	.011	.06	.1	.05	4.8	.2	.12	5	.6
300N+175W	2.0	13.4	17.6	168	.2	11.6	11.5	2983	4.00	3.1	6.0	.9	2.6	118	.5	.3	.4	58	.93	.080	41	16	.30	172	.132	2	2.16	.011	.07	<.1	.05	3.7	.2	.08	7	<.5
300N+150W	2.5	12.5	13.4	139	.2	13.3	12.3	2407	4.14	1.7	5.9	.9	3.2	70	.3	.2	.3	62	.50	.082	38	17	.31	128	.188	1	2.55	.014	.06	.1	.04	3.5	.2	<.05	10	<.5
300N+125W	1.4	14.3	15.8	191	.2	12.9	10.0	2539	3.46	2.0	5.1	1.1	3.0	74	.5	.3	.4	49	.50	.099	44	14	.28	161	.177	1	2.47	.013	.06	.1	.05	3.4	.2	<.05	8	<.5
RE 300N+125W	1.6	14.7	15.6	194	.2	13.5	10.7	2528	3.58	1.9	5.0	.9	3.0	72	.5	.2	.4	52	.49	.099	42	15	.28	157	.181	2	2.51	.013	.06	.1	.04	3.3	.2	.06	9	<.5
300N+100W	1.2	8.5	22.6	152	.1	9.7	7.8	1838	2.72	2.7	1.7	.6	1.6	104	.4	.3	.3	46	.83	.111	12	14	.24	133	.168	2	1.91	.011	.06	.1	.05	1.7	.1	.07	7	<.5
300N+075W	1.3	10.3	9.8	90	<.1	11.2	9.0	537	3.14	2.4	3.1	1.9	4.2	27	.1	.1	.3	48	.20	.131	11	15	.26	118	.194	1	3.50	.011	.07	.1	.03	3.1	.1	<.05	9	<.5
300N+050W	.9	10.0	13.4	80	<.1	8.4	7.6	692	2.50	2.9	1.6	1.5	2.9	19	.2	.2	.2	41	.15	.165	7	11	.19	101	.193	1	3.49	.011	.05	.2	.06	2.3	.1	<.05	9	<.5
300N+025W	1.0	8.5	11.5	52	.1	5.6	6.2	400	2.15	3.8	.7	1.4	2.3	13	.2	.2	.3	36	.09	.164	5	8	.10	89	.176	1	3.40	.010	.03	.2	.07	1.6	.1	<.05	9	<.5
300N+000E	1.1	8.6	13.0	55	<.1	7.7	6.3	900	2.16	3.2	.7	1.6	2.5	10	.1	.2	.3	38	.07	.157	5	9	.12	91	.181	1	3.44	.010	.03	.1	.06	1.6	.1	<.05	9	<.5
300N+025E	1.4	9.6	10.9	53	<.1	9.5	7.6	459	2.69	2.7	1.0	17.0	3.3	9	.1	.2	.2	50	.05	.140	8	13	.18	81	.211	<1	3.55	.009	.03	.2	.05	2.3	.1	<.05	9	<.5
300N+050E	1.2	10.1	10.6	54	<.1	7.9	7.2	681	2.30	3.0	1.0	1.3	2.9	10	.1	.2	.2	40	.07	.181	7	11	.14	84	.197	1	3.64	.010	.04	.2	.07	2.3	.1	<.05	9	<.5
300N+075E	1.0	10.3	9.3	48	<.1	8.5	6.7	301	2.32	2.1	1.4	.7	3.9	15	.1	.1	.2	41	.09	.155	12	12	.18	90	.183	<1	3.79	.012	.03	.1	.06	2.9	.1	<.05	9	<.5
300N+100E	1.1	8.8	15.1	50	<.1	9.0	6.7	751	2.39	3.0	.9	2.0	3.1	15	.2	.3	.2	48	.11	.133	8	14	.21	99	.159	1	2.73	.008	.05	.2	.05	2.0	.1	<.05	8	<.5
300N+125E	.7	8.8	10.1	88	<.1	7.6	6.9	2484	2.29	2.1	.6	1.8	2.5	13	.1	.1	.2	47	.11	.298	4	15	.15	115	.162	1	2.67	.011	.04	.2	.03	1.6	.1	<.05	9	<.5
300N+150E	.8	6.0	12.9	86	<.1	10.1	7.2	730	2.61	2.1	.6	1.4	2.7	15	.1	.2	.3	52	.11	.227	5	16	.24	84	.198	1	2.39	.011	.06	.2	.04	1.8	.1	<.05	9	<.5
300N+175E	.7	7.2	11.4	88	<.1	8.7	6.6	729	1.98	2.1	.6	.6	2.1	35	.3	.1	.2	34	.24	.235	5	11	.17	134	.143	1	2.21	.011	.05	.1	.06	1.5	.1	<.05	8	<.5
300N+200E	2.1	61.6	8.7	51	1.2	25.1	8.2	661	3.28	1.2	28.8	2.0	3.7	90	.5	.2	.3	53	.65	.102	113	32	.48	139	.100	<1	2.60	.014	.13	<.1	.05	10.9	.1	.06	8	1.0
300N+275E	1.0	9.8	7.0	66	<.1	12.7	10.6	770	3.20	.9	3.8	1.1	4.2	40	.2	.1	.2	60	.41	.146	27	24	.51	100	.158	<1	1.38	.017	.08	.1	.02	3.5	.1	.06	5	<.5
300N+300E	.9	8.3	7.7	75	<.1	11.7	10.1	727	2.99	1.0	1.8	.7	3.8	40	.2	.1	.3	60	.44	.139	17	23	.47	91	.133	<1	1.22	.013	.09	.2	.02	2.8	.1	<.05	5	<.5
300N+325E	1.2	6.6	8.8	52	<.1	10.5	8.7	468	2.76	1.4	1.7	1.1	3.7	38	.1	.1	.2	55	.35	.088	15	21	.43	75	.143	1	1.11	.014	.09	.1	.05	2.6	.1	.07	4	<.5
300N+350E	.7	9.8	7.1	58	.1	12.7	8.2	331	2.81	1.2	2.3	1.7	4.9	22	.1	.1	.2	56	.22	.139	14	20	.32	98	.141	<1	2.06	.011	.07	.2	.04	3.0	.1	<.05	6	<.5
300N+375E	.7	6.9	7.6	108	.2	10.2	7.6	580	2.57	1.2	.8	2.7	3.5	12	.1	.1	.2	52	.13	.135	7	17	.22	104	.152	<1	2.16	.010	.05	.2	.03	2.0	.1	<.05	7	<.5
300N+400E	.7	8.9	8.6	85	.2	11.1	7.5	917	2.56	1.0	1.1	<.5	3.3	29	.1	.1	.2	49	.21	.099	8	19	.24	126	.158	<1	2.30	.012	.05	.1	.02	1.9	.1	<.05	8	<.5
200N+400W	.6	8.3	7.7	63	<.1	10.9	7.6	389	2.18	1.6	.6	.8	2.4	21	.2	.1	.2	45	.12	.090	7	19	.19	91	.159	1	1.34	.009	.06	.1	.02	1.6	.1	<.05	5	<.5
200N+375W	.8	10.9	18.1	63	.2	12.8	6.7	359	2.28	3.7	3.6	.7	2.5	71	.3	.3	.4	39	.38	.071	22	16	.19	165	.133	1	2.29	.010	.06	.1	.06	2.8	.1	.06	8	<.5
200N+350W	.9	13.3	9.8	71	.1	38.3	15.5	813	3.41	.9	2.6	1.7	4.1	64	.1	.1	.3	72	.50	.130	25	62	.62	162	.145	<1	1.26	.015	.13	.1	.02	6.3	.1	.06	4	<.5
200N+325W	.6	6.2	11.0	59	<.1	8.0	5.6	191	2.34	1.6	.5	2.8	1.7	24	.3	.1	.3	44	.14	.066	4	13	.15	82	.181	1	1.96	.011	.07	.1	.04	1.5	<.1	<.05	8	<.5
200N+300W	1.1	12.8	13.0	62	.6	26.3	8.3	1203	3.43	1.4	14.3	1.4	6.8	98	.3	.1	.5	50	.47	.042	46	23	.33	313	.178	1	5.23	.024	.07	.1	.04	7.7	.2	.07	11	.5
200N+275W	.3	7.6	9.3	32	.2	8.3	3.0	49	.93	.8	3.3	1.7	1.9	44	.2	.1	.2	19	.29	.060	14	9	.15	78	.132	1	3.02	.017	.02	.1	.02	2.3	.1	.08	8	<.5
200N+250W	.9	6.7	12.4	53	<.1	6.1	6.4	265	2.32	2.4	.8	1.9	2.2	25	.2	.2	.3	42	.15	.135	7	11	.13	113	.182	1	2.72	.011	.03	.2	.04	1.5	.1	<.05	9	<.5
200N+225W	1.1	10.7	10.2	57	.1	7.8	7.6	617	2.36	2.0	1.1	4.1	3.1	13	.2	.1	.2	42	.08	.134	9	12	.17	99	.176	<1	3.13	.011	.04	.2	.06	2.2	.1	<.05	8	<.5
200N+200W	1.2	6.9	10.7	47	.1	6.1	5.9	367	1.99	3.3	.9	1.5	2.8	8	.2	.2	.2	33	.05	.163	5	8	.09	79	.171	<1	4.35	.011	.02	.2	.06	1.6	.1	<.05	10	<.5
200N+175W	1.1	10.2	10.0	43	.2	8.0	6.3	257	2.18	2.7	1.4	2.5	3.4	11	.1	.2	.2	38	.06	.148	9	10	.14	78	.189	<1	4.38	.012	.03	.2	.09	2.8	.1	<.05	9	<.5
200N+150W	1.3	10.0	11.5	49	.1	8.0	6.6	368	2.19	3.1	1.3	2.4	3.4	10	.1	.2	.2	38	.06	.146	10	10	.14	86	.190	<1	4.15	.011	.03	.2	.06	2.8	.1	<.05	9	<.5
200N+125W	1.0	6.9	9.9	47	.1	6.4	6.0	217	2.03	2.5	.8	2.5	2.8	10	.1	.2	.2	33	.06	.162	4	8	.10	74	.161	<1	4.42	.011	.07	.2	.06	1.6	.1	<.05	9	<.5
STANDARD DS7	21.2	109.6	72.5	402	.9	60.9	9.8	645	2.47	51.0	5.2	68.2	5.0	81	6.2	6.5	4.9	86	.96	.082	14	229	1.06	397	.131	40	1.03	.097	.46	3.9	.21	3.0	4.3	.22	5	3.3

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	1.1	2.7	3.2	41	<.1	8.4	4.0	505	1.79	<.5	2.6	2.4	4.6	67	<.1	<.1	.1	37	.48	.076	9	106	.58	222	.126	1	1.05	.144	.58	.2	<.01	4.0	.4	<.05	5	<.5
200N+100W	.9	10.9	9.3	82	.1	8.5	7.5	542	2.16	2.0	1.6	1.0	3.3	20	.1	.1	.2	38	.13	.176	10	12	.20	132	.160	1	3.09	.014	.07	.1	.05	2.5	.1	<.05	8	<.5
200N+075W	1.3	8.8	11.7	87	<.1	9.8	7.5	533	2.76	2.6	2.1	1.9	3.9	15	.1	.2	.3	43	.10	.184	7	13	.19	92	.179	1	4.13	.013	.05	.2	.05	2.2	.1	<.05	10	<.5
200N+050W	1.4	7.9	11.2	65	.1	8.1	6.8	381	2.43	3.2	.9	1.1	3.1	9	.1	.2	.3	43	.07	.170	5	12	.15	86	.180	1	3.82	.011	.03	.2	.07	1.6	.1	.06	10	<.5
200N+025W	1.6	12.0	12.4	83	.4	13.2	10.0	500	3.44	2.0	2.2	2.7	2.9	43	.2	.2	.3	64	.31	.103	25	20	.36	69	.243	1	3.06	.015	.05	.1	.04	2.4	.1	<.05	10	<.5
200N+000E	1.3	8.0	14.8	72	<.1	8.5	8.2	856	2.58	3.1	.7	1.9	2.5	15	.1	.3	.3	48	.10	.191	5	13	.19	92	.216	1	3.08	.012	.04	.2	.06	1.5	.1	<.05	10	<.5
200N+025E	.8	6.6	14.7	59	<.1	5.5	4.5	1144	2.04	3.1	.4	1.8	1.8	13	.1	.3	.3	42	.10	.161	4	9	.10	117	.198	1	2.03	.011	.04	.1	.05	1.1	.1	<.05	10	<.5
200N+050E	1.0	9.1	9.3	74	<.1	9.3	7.6	821	2.46	2.5	.7	1.5	2.7	10	.1	.2	.2	43	.06	.193	5	11	.13	102	.199	1	3.89	.012	.03	.2	.05	1.6	.1	<.05	10	<.5
200N+075E	1.2	9.6	11.2	99	<.1	11.8	8.8	1389	3.09	2.1	2.5	1.6	3.7	19	.1	.2	.3	46	.15	.126	9	13	.22	126	.197	1	3.23	.014	.06	.1	.03	2.7	.1	<.05	9	<.5
200N+100E	1.2	9.7	9.8	58	<.1	9.4	7.4	707	2.28	2.8	.9	.5	3.1	10	.1	.2	.2	41	.08	.167	7	10	.14	84	.179	1	4.15	.012	.03	.2	.07	1.9	.1	<.05	9	<.5
200N+125E	1.1	11.9	10.0	52	<.1	9.6	7.5	548	2.44	2.3	1.1	1.7	3.4	13	.1	.1	.2	44	.08	.148	7	11	.17	102	.212	1	4.14	.013	.04	.1	.05	2.2	.1	<.05	10	<.5
200N+150E	1.1	10.1	9.9	55	<.1	10.1	8.0	448	2.63	1.9	1.0	2.5	3.6	14	.1	.1	.2	49	.09	.139	8	14	.20	90	.197	1	3.31	.013	.05	.1	.04	2.2	.1	<.05	9	<.5
200N+175E	1.2	12.8	10.7	56	<.1	9.3	7.3	394	2.50	2.7	1.4	1.9	3.7	12	.1	.2	.2	47	.07	.165	12	13	.19	88	.216	1	4.16	.013	.04	.1	.07	3.3	.1	<.05	10	<.5
200N+200E	1.0	9.0	13.9	62	.1	8.0	6.3	1026	2.23	2.8	.7	1.1	2.3	17	.3	.3	.2	42	.13	.173	6	11	.14	100	.181	1	3.22	.011	.05	.2	.05	1.6	.1	<.05	9	<.5
200N+225E	1.1	9.1	12.9	65	<.1	9.0	6.8	1001	2.33	3.0	.9	.6	2.7	19	.1	.2	.2	42	.14	.164	6	12	.15	108	.188	1	3.72	.013	.05	.2	.06	1.9	.1	<.05	10	<.5
200N+250E	1.0	12.1	11.1	95	.2	15.2	13.5	1206	3.41	1.5	1.0	5.9	3.3	39	.3	.2	.2	66	.29	.158	11	22	.43	134	.271	1	2.54	.014	.09	.1	.03	2.5	.1	<.05	8	<.5
200N+275E	.9	9.3	10.2	64	<.1	13.0	11.2	734	3.30	1.2	2.8	.6	5.1	55	.1	.1	.2	63	.61	.129	24	25	.60	78	.186	1	1.48	.029	.12	.1	.03	3.7	.1	<.05	6	<.5
200N+325E	.6	6.6	11.6	52	.2	10.2	9.4	564	3.66	2.1	2.1	419.7	5.6	49	.2	.1	2.0	88	.58	.143	17	28	.44	44	.132	1	.85	.017	.15	.7	.03	2.5	.1	<.05	4	<.5
200N+350E	.5	5.1	3.8	36	<.1	6.0	6.5	446	1.84	.8	1.4	1.1	3.8	35	.1	.1	.1	38	.44	.123	13	13	.39	38	.094	<1	.76	.012	.13	.1	.01	2.0	.1	<.05	3	<.5
200N+375E	1.0	7.7	6.5	52	<.1	12.5	9.9	703	3.34	.9	2.7	2.2	5.2	44	.1	.1	.2	70	.51	.133	22	26	.49	63	.151	<1	1.19	.019	.17	.2	.02	2.9	.1	<.05	5	<.5
200N+400E	1.3	8.1	7.0	58	<.1	12.1	8.6	559	2.33	<.5	2.9	3.0	4.0	56	.2	.1	.2	51	.58	.117	23	25	.50	81	.155	<1	1.26	.024	.08	.1	.03	3.1	.1	<.05	5	<.5
100N+400W	.6	8.5	9.9	73	.2	9.8	7.4	535	2.34	1.5	1.4	1.8	3.2	23	.2	.1	.4	45	.19	.120	9	16	.21	120	.156	1	2.65	.015	.06	.1	.04	2.0	.1	<.05	8	<.5
100N+375W	.7	6.3	10.4	93	.1	9.3	6.0	776	2.13	1.3	.5	1.1	2.1	19	.2	.1	.4	41	.17	.157	5	14	.18	96	.140	1	2.24	.018	.05	.1	.03	1.3	.1	<.05	8	<.5
100N+350W	.7	9.4	15.8	62	.1	8.4	6.5	407	2.48	1.1	1.3	.6	3.5	20	.2	.1	.4	48	.18	.068	10	17	.22	123	.111	<1	1.57	.008	.08	.1	.03	2.4	.1	<.05	5	<.5
RE 100N+350W	.8	8.9	15.6	63	.1	9.5	6.3	401	2.47	.9	1.3	<.5	3.4	21	.2	.1	.4	48	.17	.071	10	17	.22	121	.113	<1	1.60	.009	.08	.1	.03	2.4	.1	<.05	5	<.5
100N+325W	.6	7.4	12.0	85	.2	9.1	6.9	1293	2.18	1.1	.8	.5	3.0	20	.4	.1	.3	43	.11	.094	6	13	.17	210	.123	1	1.86	.012	.07	.1	.03	1.7	.2	<.05	7	<.5
100N+300W	.6	8.4	11.6	72	<.1	12.6	7.8	629	2.61	1.0	1.7	.7	4.4	25	.2	.1	.4	52	.22	.089	14	20	.27	138	.142	1	1.94	.011	.07	.1	.03	2.7	.1	<.05	6	<.5
100N+275W	.7	7.4	11.5	102	<.1	8.6	6.7	1555	2.35	2.2	.9	<.5	3.0	24	.3	.1	.4	45	.17	.125	6	15	.17	138	.140	1	2.10	.013	.05	.1	.04	1.8	.1	<.05	7	<.5
100N+250W	.7	7.4	13.6	58	.2	8.6	4.9	259	2.38	1.6	1.2	1.8	2.8	34	.2	.2	.4	40	.24	.060	7	12	.16	85	.175	1	2.71	.014	.04	.1	.05	1.7	.1	<.05	9	<.5
100N+225W	.8	16.6	13.5	183	.2	12.1	9.6	2828	2.88	.9	2.4	1.1	3.6	102	.5	.1	.2	56	.66	.229	15	19	.32	192	.148	4	2.75	.078	.27	.1	.02	3.1	.1	<.05	9	<.5
100N+200W	.8	10.5	13.8	97	.1	11.5	7.3	1209	2.28	1.9	.9	1.5	2.3	45	.3	.2	.2	45	.39	.186	8	12	.18	163	.141	2	2.46	.015	.07	.1	.06	1.8	.1	<.05	7	<.5
100N+175W	.8	9.9	9.4	69	.1	8.4	7.2	294	2.48	2.4	.9	1.0	3.2	9	.3	.2	.2	44	.07	.215	6	11	.17	84	.195	<1	3.97	.015	.04	.2	.05	1.8	.1	<.05	10	<.5
100N+150W	.7	8.0	13.4	106	.2	9.5	6.8	1225	2.31	1.4	2.4	2.4	2.6	45	.2	.1	.3	39	.29	.105	12	12	.19	116	.184	1	2.67	.018	.04	.1	.03	1.9	.1	<.05	10	<.5
100N+125W	.7	7.9	18.4	129	.1	10.8	7.8	750	2.70	2.9	1.4	1.1	2.3	76	.3	.2	.4	48	.56	.111	7	15	.26	109	.232	2	2.37	.020	.05	.1	.03	1.8	.1	<.05	11	<.5
100N+100W	.8	8.6	11.7	84	.1	9.2	7.7	286	2.59	2.4	2.1	.7	3.6	39	.2	.1	.2	42	.28	.184	6	12	.20	82	.208	1	4.28	.019	.04	.2	.04	2.0	.1	<.05	11	.5
100N+075W	1.0	6.7	13.1	70	<.1	6.5	5.5	979	2.05	3.0	.6	.9	2.2	16	.1	.2	.3	37	.11	.194	5	10	.10	109	.164	1	3.35	.015	.04	.1	.05	1.4	.1	<.05	10	<.5
100N+050W	1.2	8.6	12.2	69	.1	8.1	7.2	995	2.55	2.7	.8	.9	2.7	14	.1	.2	.3	48	.09	.148	7	13	.15	118	.206	1	3.01	.013	.04	.1	.05	1.9	.1	<.05	10	<.5
100N+025W	1.1	8.1	11.0	58	.1	7.6	6.3	702	2.02	2.6	.9	.9	2.8	13	.1	.2	.3	34	.08	.166	5	9	.11	85	.166	1	3.93	.014	.03	.1	.06	1.7	.1	<.05	10	<.5
STANDARD DS7	21.0	111.4	73.2	401	.8	60.9	9.6	655	2.48	49.4	5.5	64.8	5.3	85	6.3	6.5	4.8	90	1.00	.083	16	234	1.09	393	.137	38	1.11	.114	.47	4.2	.21	3.0	4.3	.23	5	3.5

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Ti ppm	S %	Ga ppm	Se ppm
G-1	.9	2.8	3.6	47	<.1	10.0	4.4	558	1.90	<.5	2.6	2.5	4.5	73	<.1	<.1	.1	38	.51	.080	9	112	.59	240	.130	1	1.17	.207	.67	.1	<.01	5.2	.4	<.05	6	<.5
100N+000E	1.2	6.9	12.2	76	.1	8.3	7.1	793	2.58	2.6	.6	2.0	2.2	13	.1	.2	.3	47	.10	.134	6	12	.15	105	.200	1	3.03	.011	.04	.2	.05	1.5	.1	.06	10	<.5
100N+025E	1.0	8.0	11.8	59	<.1	6.3	5.5	1470	2.30	1.9	.6	.8	2.2	12	.1	.1	.3	42	.08	.186	5	10	.11	103	.197	1	2.67	.012	.04	.2	.04	1.4	.1	<.05	10	<.5
100N+050E	.8	6.7	12.5	61	<.1	6.3	6.0	1247	2.13	3.1	.6	1.6	2.2	15	.2	.1	.3	37	.10	.180	5	9	.11	114	.186	1	3.29	.013	.05	.2	.05	1.4	.1	<.05	10	<.5
100N+075E	1.1	8.4	13.5	86	.1	11.7	9.0	568	2.84	3.1	.8	1.4	2.8	30	.2	.2	.3	51	.22	.150	6	15	.24	105	.208	2	2.96	.010	.06	.1	.05	1.8	.1	.06	9	<.5
100N+100E	1.2	8.4	10.7	62	<.1	7.9	6.8	420	2.49	2.4	1.0	1.8	2.7	13	.1	.2	.3	41	.08	.156	6	10	.16	96	.209	1	4.08	.013	.04	.2	.05	2.1	.1	.07	11	<.5
100N+125E	1.3	8.5	10.4	48	<.1	8.1	7.4	433	2.30	2.7	.9	1.0	2.7	13	.1	.1	.2	40	.09	.132	9	10	.15	85	.193	1	3.37	.012	.04	.2	.07	2.1	.1	.06	9	<.5
100N+150E	1.2	8.5	12.6	49	<.1	7.1	5.7	854	2.07	3.3	.7	1.0	2.1	11	.1	.2	.3	38	.08	.157	6	9	.12	84	.188	1	3.35	.012	.03	.2	.06	1.5	.1	<.05	10	<.5
100N+175E	1.1	8.2	13.1	54	<.1	7.3	5.8	799	2.11	3.1	.7	1.0	2.4	10	.1	.2	.3	39	.08	.165	5	9	.11	77	.174	2	3.49	.011	.03	.1	.06	1.6	.1	<.05	10	<.5
100N+200E	1.2	8.3	10.0	49	<.1	8.8	6.7	541	2.60	2.3	.8	.9	2.8	10	.1	.2	.2	45	.06	.152	5	11	.13	89	.198	1	3.66	.012	.03	.2	.04	1.7	.1	<.05	10	<.5
100N+225E	1.2	9.3	11.4	50	<.1	7.6	6.3	497	2.39	2.7	.8	1.3	2.6	14	.1	.1	.2	42	.08	.148	5	10	.12	96	.200	1	3.66	.012	.03	.2	.04	1.5	.1	<.05	10	<.5
100N+250E	1.1	7.1	13.0	48	<.1	6.9	6.9	628	2.28	3.3	.5	1.0	2.2	10	.2	.2	.3	40	.06	.159	4	9	.11	92	.193	1	3.17	.012	.03	.1	.06	1.3	.1	<.05	10	<.5
100N+275E	1.1	7.8	11.6	63	<.1	7.8	6.6	1193	2.34	2.5	.6	.9	2.1	27	.2	.1	.3	42	.19	.130	5	11	.14	140	.197	1	2.91	.013	.04	.2	.04	1.5	.1	<.05	9	<.5
100N+300E	.7	12.7	11.7	108	<.1	14.5	12.5	1788	3.18	2.5	1.2	1.9	3.5	52	.3	.2	.2	56	.33	.232	12	19	.34	192	.230	2	2.47	.014	.08	.1	.05	2.7	.1	<.05	8	<.5
100N+325E	1.7	21.6	22.5	296	.1	14.6	16.9	7034	2.35	3.7	.6	<.5	2.1	102	1.6	.3	.3	46	.62	.075	12	22	.32	489	.180	2	1.00	.014	.11	.1	.09	1.9	.2	.06	6	<.5
100N+350E	1.0	11.6	7.3	52	.2	10.1	7.2	360	2.30	.9	4.0	<.5	3.3	74	.1	.1	.2	55	.67	.117	23	23	.45	61	.139	1	1.15	.021	.07	.1	.03	3.3	.1	.11	5	.8
100N+400E	1.0	9.7	10.0	60	<.1	12.1	9.4	616	2.95	1.3	2.5	<.5	4.1	51	.2	.1	.4	59	.53	.113	20	24	.52	76	.152	1	1.19	.022	.07	.2	.03	3.0	.1	.07	5	<.5
00N+400W	1.2	5.5	14.6	88	.2	5.5	6.9	2586	2.38	1.2	.7	2.5	1.8	14	.3	.1	.7	48	.11	.035	6	12	.15	141	.096	1	1.31	.011	.07	.2	.03	1.5	.2	<.05	7	<.5
00N+375W	.9	6.7	17.8	70	.2	7.3	6.1	1024	2.48	1.5	1.3	1.0	2.3	15	.1	.1	.9	45	.13	.049	8	13	.18	127	.072	1	1.65	.010	.07	.3	.02	1.5	.1	<.05	8	<.5
00N+350W	.7	6.9	11.2	80	.1	9.8	7.7	883	2.34	1.7	.8	<.5	3.2	13	.2	.1	.4	43	.11	.078	6	17	.23	125	.128	1	1.92	.013	.07	.1	.03	1.8	.1	<.05	6	<.5
00N+325W	.6	6.7	10.3	63	<.1	8.7	5.7	299	2.26	1.4	.7	<.5	3.0	12	.1	.1	.3	41	.09	.107	5	13	.18	95	.148	1	2.54	.013	.04	.1	.03	1.7	.1	<.05	8	<.5
00N+300W	.6	8.1	10.6	76	.2	11.3	7.3	326	2.65	1.1	.9	1.1	4.0	15	.1	.1	.3	51	.12	.064	7	21	.26	119	.140	3	1.96	.014	.08	.1	.03	2.3	.1	<.05	7	<.5
00N+275W	.7	6.1	14.2	81	<.1	8.2	6.1	359	2.51	1.7	.7	1.0	2.9	12	.1	.1	.6	47	.08	.080	4	12	.16	79	.126	1	1.90	.014	.04	.1	.03	1.7	.1	<.05	8	<.5
RE 00N+275W	.5	6.1	14.0	78	<.1	7.7	6.1	362	2.56	1.5	.7	.9	3.0	11	.1	.1	.6	49	.08	.081	4	13	.16	79	.128	1	1.88	.011	.04	.2	.03	1.7	.1	<.05	7	<.5
00N+250W	.7	5.7	14.2	68	<.1	7.9	6.6	335	2.27	2.5	.6	1.8	2.5	15	.2	.1	.5	38	.10	.093	4	13	.14	102	.117	1	2.60	.012	.05	.2	.03	1.5	.1	<.05	8	<.5
00N+225W	.5	6.0	11.8	76	.2	9.9	6.7	309	2.41	3.0	.6	1.1	2.3	15	.2	.1	.3	41	.12	.148	4	14	.15	67	.153	1	2.77	.012	.04	.2	.03	1.6	.1	<.05	9	<.5
00N+175W	.8	6.3	10.3	38	.1	8.2	6.5	134	2.33	2.1	.9	.8	2.4	28	.3	.1	.3	37	.17	.044	8	11	.17	95	.125	1	2.48	.013	.04	.1	.05	1.7	.1	<.05	6	<.5
00N+150W	.6	6.5	11.6	73	.1	7.3	5.5	377	1.92	1.5	.5	1.6	1.7	20	.3	.2	.2	34	.15	.139	5	11	.10	82	.119	1	2.06	.011	.04	.1	.04	1.4	.1	<.05	7	<.5
00N+125W	.8	10.8	10.3	61	.2	10.6	7.3	701	2.27	1.0	.5	<.5	1.0	29	.4	.1	.3	54	.22	.053	5	18	.13	145	.062	1	1.62	.011	.05	.1	.05	2.0	.1	<.05	7	<.5
00N+100W	1.0	8.7	11.7	60	.2	15.0	7.9	529	2.78	1.5	.7	<.5	2.0	35	.2	.1	.3	55	.19	.044	6	23	.20	143	.146	1	1.99	.013	.05	.1	.03	2.2	.1	<.05	8	<.5
00N+075W	.6	9.0	15.6	71	.2	8.4	4.9	197	1.69	1.6	1.7	1.0	1.8	57	.3	.1	.3	33	.40	.072	16	11	.18	88	.171	1	2.61	.017	.03	.1	.04	2.2	.1	.06	9	<.5
00N+050W	1.0	7.5	12.5	72	.1	8.0	5.9	392	2.36	2.4	.7	.9	2.6	17	.2	.1	.3	42	.15	.153	5	14	.15	96	.098	1	2.92	.012	.04	.1	.06	1.7	.1	<.05	9	<.5
00N+025W	.9	9.0	13.1	72	.1	10.1	6.9	486	2.49	1.5	1.0	.5	3.5	12	.2	.1	.3	44	.08	.126	8	14	.22	114	.111	1	2.88	.011	.06	.1	.04	2.1	.1	<.05	8	<.5
00N+000E	.9	7.6	9.8	62	<.1	8.9	6.9	487	2.33	1.7	.8	.5	2.8	19	.1	.1	.2	43	.13	.106	7	12	.19	93	.157	1	2.81	.013	.05	.1	.05	1.8	.1	<.05	8	<.5
00N+025E	.8	8.3	9.3	86	<.1	8.5	7.2	509	2.15	1.9	.8	.8	2.7	12	.1	.1	.2	39	.07	.149	7	11	.14	89	.155	1	2.67	.012	.04	.1	.05	1.9	.1	<.05	8	<.5
00N+050E	1.0	16.2	13.1	68	.1	16.4	9.0	882	2.34	3.0	.8	1.2	2.0	20	.3	.2	.2	46	.18	.102	7	26	.37	119	.132	1	2.35	.013	.06	.2	.04	2.6	.1	<.05	7	<.5
00N+075E	1.0	9.4	11.5	63	.1	7.2	6.2	683	2.16	3.5	1.0	1.7	2.8	10	.2	.2	.2	36	.07	.187	7	9	.14	91	.187	1	3.94	.013	.04	.2	.05	1.9	.1	<.05	10	<.5
00N+100E	1.1	6.8	15.9	85	.1	7.2	7.6	1116	2.61	3.8	.5	2.8	1.7	20	.3	.3	.3	46	.14	.208	4	11	.15	110	.207	2	2.77	.011	.05	.1	.04	1.3	.1	<.05	10	<.5
STANDARD DS7	20.6	111.7	75.5	426	.9	58.1	9.9	646	2.46	51.7	5.3	69.4	5.1	84	6.5	6.1	4.8	90	1.02	.079	15	226	1.07	396	.132	43	1.08	.111	.48	3.7	.19	3.0	4.3	.24	5	3.4

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	1.0	2.9	3.2	45	<.1	8.8	4.7	549	1.86	<.5	2.8	.7	5.2	67	<.1	<.1	.1	39	.52	.073	10	126	.60	208	.137	2	1.00	.071	.48	.1	<.01	2.6	.4	<.05	5	<.5
00N+125E	1.1	9.8	11.4	76	.1	8.7	8.6	913	2.32	2.0	.9	1.7	2.7	26	.2	.1	.2	40	.19	.119	8	12	.17	118	.188	2	3.11	.019	.04	.3	.06	1.8	.1	<.05	10	<.5
00N+150E	1.3	11.4	13.3	125	.2	12.9	9.7	1763	3.04	2.8	2.7	2.1	3.4	50	.3	.1	.3	52	.34	.097	14	18	.32	111	.224	2	3.10	.023	.06	.1	.04	2.8	.2	<.05	10	<.5
00N+175E	1.2	8.8	10.7	58	<.1	7.4	6.8	435	2.23	2.6	.8	1.1	2.6	11	.1	.1	.2	40	.06	.150	5	11	.12	80	.185	1	3.94	.012	.04	.2	.06	1.6	.1	<.05	11	<.5
00N+200E	1.2	10.2	12.5	57	<.1	8.6	8.0	749	2.40	3.0	1.0	1.2	2.9	12	.1	.2	.3	44	.09	.143	8	12	.17	101	.199	2	3.74	.013	.04	.2	.05	2.2	.1	<.05	10	.5
RE 00N+200E	1.2	10.0	12.0	57	<.1	8.7	7.7	705	2.33	3.1	1.0	1.0	2.8	12	.1	.2	.3	43	.08	.144	8	11	.17	103	.194	1	3.78	.013	.04	.2	.05	2.1	.1	<.05	10	.5
00N+225E	1.1	10.5	9.6	52	<.1	9.4	7.9	346	2.57	2.1	1.0	.7	2.9	12	.1	.1	.2	49	.07	.122	8	15	.18	93	.205	1	3.63	.012	.04	.2	.04	2.3	.1	<.05	9	<.5
00N+250E	1.1	7.0	16.3	104	<.1	9.2	9.5	1768	2.73	5.1	.4	1.1	1.9	13	.3	.3	.3	51	.10	.097	6	14	.17	115	.239	1	2.72	.012	.04	.1	.05	1.2	.1	<.05	10	<.5
00N+275E	.9	11.9	11.6	89	<.1	7.9	7.8	2767	2.25	2.3	.5	.9	2.2	13	.2	.2	.3	43	.10	.190	5	11	.12	153	.196	1	3.07	.014	.04	.1	.04	1.3	.1	<.05	11	<.5
00N+300E	1.1	7.6	10.7	54	<.1	7.2	5.8	466	2.44	4.1	.6	1.2	2.6	10	.1	.3	.3	42	.08	.212	3	11	.11	72	.189	2	4.97	.013	.03	.2	.05	1.4	.1	<.05	11	<.5
00N+325E	1.1	8.2	10.3	53	<.1	8.1	7.4	633	2.39	2.3	.7	.9	2.8	14	.1	.1	.2	44	.08	.146	5	12	.14	122	.205	1	3.67	.013	.03	.2	.04	1.6	.1	<.05	11	<.5
00N+350E	1.0	11.3	9.0	57	<.1	9.4	8.3	529	2.53	1.9	1.0	.9	3.2	14	.1	.1	.2	45	.09	.135	10	13	.19	111	.209	1	3.79	.012	.03	.1	.04	2.5	.1	<.05	9	<.5
00N+375E	1.1	8.0	10.3	57	<.1	7.7	6.7	593	2.49	2.3	.7	.7	2.7	11	.1	.2	.2	46	.08	.155	4	11	.14	75	.209	1	3.91	.013	.03	.2	.04	1.5	.1	<.05	11	<.5
00N+400E	1.1	8.7	9.4	76	<.1	11.7	9.1	371	2.73	1.7	.8	2.2	3.5	15	.1	.1	.2	50	.11	.145	6	16	.23	121	.200	1	3.65	.013	.05	.2	.04	1.8	.1	<.05	10	<.5
STANDARD DS7	20.8	113.3	68.8	390	.8	59.2	10.5	636	2.46	46.3	5.2	64.6	5.4	83	6.6	6.2	4.6	90	1.00	.077	16	241	1.07	371	.139	39	1.09	.094	.44	4.2	.20	3.1	4.3	.23	5	3.7

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

GEOCHEMICAL ANALYSIS CERTIFICATE

Hard Rock Gold File # A705252

Box 1192, Kamloops BC V2C 6K3 Submitted by: Richard Lodmell

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm
G-1	.4	778.7	4.2	45	.5	4.1	4.6	579	1.89	<.5	3.0	1.6	5.0	74	<.1	<.1	.1	40	.59	.074	10	12	.64	227	.148	2	1.10	.094	.49	.1	<.01	2.4	.3	<.05	5	<.5
2007#1	1.6	319.3	1704.8	940	>100	16.2	11.7	195	10.89	604.3	1.0	11408.2	.7	48	27.6	3.6	.9	<1	.79	.001	2	8	.03	6	.001	1	.08	.004	.04	<.1	.01	.1	<.1	>10	<1	.9
2007#2	.9	515.0	502.9	291	>100	2.3	1.1	73	2.77	64.6	.2	52581.7	.9	9	7.4	5.8	.2	<1	.10	.003	2	11	.01	7	.001	1	.10	.009	.06	.1	.02	.1	<.1	1.99	<1	2.7
2007#3	.4	46.0	65.9	64	28.8	2.0	2.7	486	1.33	171.2	1.0	161.0	8.4	19	1.7	.2	.1	2	.21	.040	18	6	.05	34	.001	3	.44	.004	.34	.3	<.01	.6	.2	.97	1	<.5
2007#4	.4	11.6	39.4	42	62.6	1.7	1.6	205	.85	66.1	.5	617.0	3.4	6	.8	.2	.1	1	.05	.016	9	10	.05	26	.001	1	.34	.004	.24	.2	<.01	.2	.1	.40	1	<.5
300N+150W	.2	23.2	6.0	13	1.9	4.8	1.3	117	.75	1.0	.4	10.6	5.3	20	<.1	<.1	<.1	11	.08	.003	7	14	.17	56	.049	<1	.54	.091	.22	<.1	<.01	1.4	.1	<.05	2	<.5
550+00E	.2	8.2	4.3	10	2.4	2.7	1.1	119	.60	<.5	.6	8.0	2.2	13	<.1	<.1	<.1	2	.03	.003	3	7	.08	86	.017	<1	.57	.058	.13	<.1	<.01	.7	<.1	<.05	2	<.5
1050N+00E	.2	16.5	2.7	69	1.1	3.6	4.3	754	2.06	<.5	3.8	4.0	5.7	42	<.1	<.1	<.1	43	.45	.072	15	8	.53	52	.137	1	1.06	.099	.62	<.1	<.01	2.2	.3	<.05	4	<.5
1225+00E	2.1	21.6	3.2	33	1.3	3.6	2.8	432	1.88	<.5	2.1	7.8	9.0	45	<.1	<.1	.2	42	.38	.050	18	16	.47	103	.121	<1	1.49	.113	.38	2.1	<.01	3.9	.3	<.05	5	<.5
Camp Float	.8	13.5	3.2	22	.8	1.7	2.4	174	1.40	<.5	1.8	2.8	1.8	12	.1	<.1	.3	10	.12	.010	3	6	.34	18	.064	1	.55	.099	.24	.1	<.01	4.3	.2	<.05	2	.8
Bruer Creek Float	.2	4.5	2.5	55	.8	6.5	7.1	611	2.84	<.5	.7	1.9	3.7	68	<.1	.1	.1	67	.80	.107	10	16	.91	89	.229	2	1.46	.119	1.00	.1	<.01	4.3	.5	<.05	6	<.5
STANDARD DS7	19.3	115.2	79.0	382	1.0	59.0	10.1	623	2.39	46.9	5.5	78.6	5.3	86	7.2	6.7	4.8	78	.99	.075	18	222	1.04	377	.150	39	1.03	.097	.44	4.1	.20	3.0	3.9	.20	5	3.2

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-MS.
(>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY.
- SAMPLE TYPE: ROCK R150

Data___ FA ____ DATE RECEIVED: AUG 10 2007 DATE REPORT MAILED: OCT 10 2007

PRELIMINARY DATA # pls. note possible Au contamination from G-1

BRITISH COLUMBIA CERTIFIED ASSAYER
Raymond Chan

Appendix III

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East
Vancouver, BC Canada V6A 4A3
Phone 604 253 3158 Fax 604 253 1716
GST # 843013921 RT

Invoice Date: August 14, 2009
Invoice Number: **VANI029816**
Submitted by: Richard Lodmell
Job Number: VAN09003361
Order Number:
Project Code: KETTLE RIVER
Shipment ID:
Quote Number:

Bill To: Hard Rock Gold Ltd.
P.O. Box 1192
Kamloops, BC V2C 6H3
Canada

Item	Package	Description	Sample No.	Unit Price	Amount
1	SS80	Sieve 100g soil to -80 mesh	198	$2.25	$445.50
2	1DX3	30g Aqua Regia digestion ICP-MS	198	$21.75	$4306.50
3	STOR-PLP	3 months of pulp storage	198	$0.48	$95.04
4	DIS-PLP	Warehouse disposition of pulps	198	$0.10	$19.80
			Net Total		$4,866.84
			Canadian GST		$243.34
			Grand Total	**CAD**	**$5110.18**

Invoice Stated In Canadian Dollars

Payment Terms:

This is a professional service. Payment due upon receipt. Please pay the last amount shown on the invoice.

For cheque payments, please remit payment to the above address, made payable to: Acme Analytical Laboratories (Vancouver) Ltd.
Please specify Acme invoice number on cheque remittance.

For electronic payments, please wire funds to one of the following accounts:

For payment in Canadian Funds:
Acme Analytical Laboratories (Vancouver) Ltd.
The Royal Bank of Canada
400 Main Street
Vancouver, BC Canada V6A 2T5
Account # 1034123
Bank Transit # 07120-003
Swift Code: ROYCCAT2

For payment in US Funds:
Acme Analytical Laboratories (Vancouver) Ltd.
The Royal Bank of Canada
400 Main Street
Vancouver, BC Canada V6A 2T5
Account # 4001533
Bank Transit # 07120-003
Swift Code: ROYCCAT2

Please specify Acme invoice number for reference on transfer forms when making payment.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East
Vancouver, BC Canada V6A 4A3
Phone 604 253 3158 Fax 604 253 1716
GST # 843013921 RT

Invoice Date: August 17, 2009
Invoice Number: **VANI029835**
Submitted by: Richard Lodmell
Job Number: VAN09003362
Order Number:
Project Code: KETTLE RIVER
Shipment ID:
Quote Number:

Bill To: Hard Rock Gold Ltd.
P.O. Box 1192
Kamloops, BC V2C 6H3
Canada

Item	Package	Description	Sample No.	Unit Price	Amount
1	R200	Crush and Pulverize Rock & Drill Core	12	$6.85	$82.20
2	1DX3	30g Aqua Regia digestion ICP-MS	12	$21.75	$261.00
3	STOR-PLP	3 months of pulp storage	12	$0.48	$5.76
4	DIS-PLP	Warehouse disposition of pulps	12	$0.10	$1.20
5	DIS-RJT	Warehouse disposition of reject	12	$0.25	$3.00
			Net Total		$353.16
			Canadian GST		$17.66
			Grand Total	**CAD**	**$370.82**

Invoice Stated In Canadian Dollars

Payment Terms:

This is a professional service. Payment due upon receipt. Please pay the last amount shown on the invoice.

For cheque payments, please remit payment to the above address, made payable to: Acme Analytical Laboratories (Vancouver) Ltd.
Please specify Acme invoice number on cheque remittance.

For electronic payments, please wire funds to one of the following accounts:

For payment in Canadian Funds:
Acme Analytical Laboratories (Vancouver) Ltd.
The Royal Bank of Canada
400 Main Street
Vancouver, BC Canada V6A 2T5
Account # 1034123
Bank Transit # 07120-003
Swift Code: ROYCCAT2

For payment in US Funds:
Acme Analytical Laboratories (Vancouver) Ltd.
The Royal Bank of Canada
400 Main Street
Vancouver, BC Canada V6A 2T5
Account # 4001533
Bank Transit # 07120-003
Swift Code: ROYCCAT2

Please specify Acme invoice number for reference on transfer forms when making payment.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East
Vancouver, BC Canada V6A 4A3
Phone 604 253 3158 Fax 604 253 1716
GST # 843013921 RT

Bill To: Hard Rock Gold Ltd.
P.O. Box 1192
Kamloops, BC V2C 6H3
Canada

Invoice Date: August 31, 2009
Invoice Number: **VANI030581**
Submitted by: Richard Lodmell
Job Number: VAN09003362A
Order Number:
Project Code: KETTLE RIVER
Shipment ID:
Quote Number:

Item	Package	Description	Sample No.	Unit Price	Amount
1	R200	Crush and Pulverize Rock & Drill Core	1	$6.85	$6.85
2	1DX3	30g Aqua Regia digestion ICP-MS	1	$21.75	$21.75
3	STOR-PLP	3 months of pulp storage	1	$0.48	$0.48
4	DIS-PLP	Warehouse disposition of pulps	1	$0.10	$0.10
5	DIS-RJT	Warehouse disposition of reject	1	$0.25	$0.25
6	BATCH	Batch Surcharge for <20 samples	1	$50.00	$50.00
			Net Total		$79.43
			Canadian GST		$3.97
			Grand Total	**CAD**	**$83.40**

Invoice Stated In Canadian Dollars

Payment Terms:

This is a professional service. Payment due upon receipt. Please pay the last amount shown on the invoice.

For cheque payments, please remit payment to the above address, made payable to: Acme Analytical Laboratories (Vancouver) Ltd.
Please specify Acme invoice number on cheque remittance.

For electronic payments, please wire funds to one of the following accounts:

For payment in Canadian Funds:
Acme Analytical Laboratories (Vancouver) Ltd.
The Royal Bank of Canada
400 Main Street
Vancouver, BC Canada V6A 2T5
Account # 1034123
Bank Transit # 07120-003
Swift Code: ROYCCAT2

For payment in US Funds:
Acme Analytical Laboratories (Vancouver) Ltd.
The Royal Bank of Canada
400 Main Street
Vancouver, BC Canada V6A 2T5
Account # 4001533
Bank Transit # 07120-003
Swift Code: ROYCCAT2

Please specify Acme invoice number for reference on transfer forms when making payment.

BARNES CREEK MINERALS CORPORATION

PROFESSIONAL SERVICES CONTRACT

This document will define the contract for professional services between Barnes Creek Minerals Corporation at RR1-B36-S11; Chase, British Columbia; V0E 1M0, the (Contractor) and Hard Rock Gold Ltd. at Box 1192; Kamloops, British Columbia; V2C 6H3, the (Company) as follows:

- The Contractor agrees to construct 600 meters of baseline and 5.6 kilometers of gridlines on the Company's Kettle River Project.
- The Contractor agrees to take 198 geochemical samples of the B-horizon on the new gridlines.
- The Contractor agrees to reconstruct and cut-out the 2007 grid (00N to 1600N) to prepare for a 3-D induced polarization in the fall.
- The Contractor agrees to start the survey on or about the 8th of July 2009 and will tentatively complete the survey on or about the 18th of July 2009.

In exchange for the professional services by the Contractor, as noted above, the Company agrees to the following:

- To pay $ 25,175.00 to Barnes Creek Minerals (Contractor) for the aforementioned survey.
- The Company will get invoices from the Contractor after completion of the survey.
- The Contractor will provide a confidentiality agreement, if necessary.
- Both the Company and Contractor agree to give a 30 day notice if unable to continue with the above noted arrangements.

ON BEHALF OF BARNES CREEK MINERALS CORPORATION:

Larry Latjen for Barnes Creek Minerals Corporation

1 JULY 2009
Date

BARNES CREEK MINERALS CORPORATION
KETTLE RIVER PROJECT - 2009

TOTAL SURVEY EXPENDITURES

1.	Cost of Kettle River Survey.		$ 25,175.00
2.	Cost for sample prep and report.		$ 700.00
		Total	$ 25,875.00
3.	Cash advance for survey.	Minus	- $ 21,000.00
		Total	$ 4,875.00

Note: The $4,875.00 is debt owed to Barnes Creek Minerals Corporation for the Kettle River Project 2009.

ON BEHALF OF BARNES CREEK MINERALS CORPORATION :

Larry Latjen for: Barnes Creek Minerals Corporation

20 JULY 2009

2009 ITEMIZED COST STATEMENT

Geochemical Sampling , Grid & Baseline Construction , and Line Cutting from the 8th of July to the 18th of July 2009

Larry Lutjen - Field Supervisor	$ 7,125.00
Carl Parker - Line Cutter	$ 3,305.00
Mary Lutjen - Field Helper	$ 2,535.00
Marcella Holt - Field Helper	$ 2,100.00
Beverly Munro - Cook / Timekeeper	$ 4,480.00
Jon Lutjen - Field Manager	$ 2,985.00
James Grinder - Line Cutter	$ 2,645.00
Total	$ 25,175.00

Statement No.

Expense Statement

Employee

Name: Larry Lutjen
SSN:
Department:
Emp #: Kettle River Project/ Barnes creek mi
Position: Project Supervisor
Manager:

Pay Period

From: 08/07/2009
To: 18/07/2009

Date	Account	Description	Lodging	Transport	Fuel	Meals	Phone	Entertainment	Other	TOTAL
08/07/2009	----------	K.R.P. Project supervisor @ 350 aday + 50 accomm							$ 400.00	$ 400.00
09/07/2009	----------	K.R.P. Project supervisor @ 350 aday + 50 accomm							$ 400.00	$ 400.00
10/07/2009	----------	K.R.P. Project supervisor @ 350 aday + 50 accomm							$ 400.00	$ 400.00
11/07/2009	----------	K.R.P. Project supervisor @ 350 aday + 50 accomm							$ 400.00	$ 400.00
12/07/2009	----------	K.R.P. Project supervisor @ 350 aday + 50 accomm							$ 400.00	$ 400.00
13/07/2009	----------	K.R.P. Project supervisor @ 350 aday + 50 accomm							$ 400.00	$ 400.00
14/07/2009	----------	K.R.P. Project supervisor @ 350 aday + 50 accomm							$ 400.00	$ 400.00
15/07/2009	----------	K.R.P. Project supervisor @ 350 aday + 50 accomm							$ 400.00	$ 400.00
16/07/2009	----------	K.R.P. Project supervisor @ 350 aday + 50 accomm							$ 400.00	$ 400.00
17/07/2009	----------	K.R.P. Project supervisor @ 350 aday + 50 accomm							$ 400.00	$ 400.00
18/07/2009	----------	K.R.P. Project supervisor @ 350 aday + 50 accomm							$ 400.00	$ 400.00
18/07/2009	----------	K.R.P. Food cost @ $1400							$ 1,400.00	$ 1,400.00
18/07/2009	----------	K.R.P. Field supplys @ 650							$ 650.00	$ 650.00
18/07/2009	----------	.60 a km X 1125 km = 675							$ 675.00	$ 675.00
									$ 7,125.00	
									Sub Total	$ 7,125.00
									Advances	
									TOTAL	$ 7,125.00

Approved

Notes

Reimbursement

Office Use Only

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Statement No.

Expense Statement

Employee

Name: Carl Parker
SSN:
Department:
Emp #: Kettle River Project/ barnes creek mi
Position: Line Cutter
Manager:

Pay Period

From: 10/07/2009
To: 16/07/2009

Date	Account	Description	Lodging	Transport	Fuel	Meals	Phone	Entertainment	Other	TOTAL
08/07/2009	----------	K.R.P. Line Cutter @ 250 aday + 50 accomm							$ 300.00	$ 300.00
09/07/2009	----------	K.R.P. Line cutter @ 250 aday + 50 accomm							$ 300.00	$ 300.00
10/07/2009	----------	K.R.P. Line cutter @ 250 aday + 50 accomm							$ 300.00	$ 300.00
11/07/2009	----------	K.R.P. Line cutter @ 250 aday + 50 accomm							$ 300.00	$ 300.00
12/07/2009	----------	K.R.P. Line cutter @ 250 aday + 50 accomm							$ 300.00	$ 300.00
13/07/2009	----------	K.R.P. Line cutter @ 250 aday + 50 accomm							$ 300.00	$ 300.00
14/07/2009	----------	K.R.P. Line cutter @ 250 aday + 50 accomm							$ 300.00	$ 300.00
15/07/2009	----------	K.R.P. Line cutter @ 250 aday + 50 accomm							$ 300.00	$ 300.00
16/07/2009	----------	K.R.P. Line cutter @ 250 aday + 50 accomm							$ 300.00	$ 300.00
16/07/2009	----------	20 aday X 5 days = 100 ----------							$ 100.00	$ 100.00
16/07/2009	----------	.60 a km X 842 = 505 ----------							$ 505.00	$ 505.00
									$ 3,305.00	
									Sub Total	$ 3,305.00
									Advances	
									TOTAL	$ 3,305.00

Approved

Notes

Reimbursement

Office Use Only

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Statement No.

Expense Statement

Employee

Name	Mary Lutjen	Emp #	Kettle River Project/Barnes creek Mi
SSN		Position	Field Helper
Department		Manager	

Pay Period

From 10/07/2009

To 16/07/2009

Date	Account	Description	Lodging	Transport	Fuel	Meals	Phone	Entertainment	Other	TOTAL
10/07/2009	----------	K.R.P. Field Helper @ 250 aday + 50 accomm							$ 300.00	$ 300.00
11/07/2009	----------	KRP Field Helper @ 250. aday + 50 accom ----------							$ 300.00	$ 300.00
12/07/2009	----------	KRP Field Helper @ 250. aday + 50 accom ----------							$ 300.00	$ 300.00
13/07/2009	----------	KRP Field Helper @ 250. aday + 50 accom ----------							$ 300.00	$ 300.00
14/07/2009	----------	KRP Field Helper @ 250. aday + 50 accom ----------							$ 300.00	$ 300.00
15/07/2009	----------	KRP Field Helper @ 250. aday + 50 accom ----------							$ 300.00	$ 300.00
16/07/2009	----------	K.R.P. Field Helper @ 250 aday + 50 accomm							$ 300.00	$ 300.00
16/07/2009	----------	.60 a km X 625 =375.00 +.60 x 100 km = 60.00 = 435.00 ----------							$ 435.00	$ 435.00
									$ 2,535.00	
									Sub Total	$ 2,535.00
									Advances	
									TOTAL	$ 2,535.00

Approved

Notes

Reimbursement

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Statement No.

Expense Statement

Employee

Name	Marcella Holt	Emp #	Kettle River Project/Barnes creek mir
SSN		Position	Field Helper
Department		Manager	

Pay Period

From 10/07/2009

To 16/07/2009

Date	Account	Description	Lodging	Transport	Fuel	Meals	Phone	Entertainment	Other	TOTAL
10/07/2009	----------	K.R.P. Field Helper 250.00 aday 50 accomm							$ 300.00	$ 300.00
11/07/2009	----------	K.R.P. Field Helper 250.00 aday 50 accomm							$ 300.00	$ 300.00
12/07/2009	----------	K.R.P. Field Helper 250.00 aday 50 accomm							$ 300.00	$ 300.00
13/07/2009	----------	K.R.P. Field Helper 250.00 aday 50 accomm							$ 300.00	$ 300.00
14/07/2009	----------	K.R.P. Field Helper 250.00 aday 50 accomm							$ 300.00	$ 300.00
15/07/2009	----------	K.R.P. Field Helper 250.00 aday 50 accomm							$ 300.00	$ 300.00
16/07/2009	----------	K.R.P. Field Helper 250.00 aday 50 accomm							$ 300.00	$ 300.00
									$ 2,100.00	
									Sub Total	$ 2,100.00
									Advances	
									TOTAL	$ 2,100.00

Approved

Notes

Reimbursement

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Statement No.

Expense Statement

Employee

Name	Beverly Munro	Emp #	Kettle River Project/Barnes creek Mi
SSN		Position	Cook
Department		Manager	

Pay Period

From 10/07/2009

To 16/07/2009

Date	Account	Description	Lodging	Transport	Fuel	Meals	Phone	Entertainment	Other	TOTAL
10/07/2009	----------	K.R.P. Cooking @ 250 aday + 50 accomm							$ 300.00	$ 300.00
11/07/2009	----------	K.R.P. Cooking @ 250 aday + 50 accomm							$ 300.00	$ 300.00
12/07/2009	----------	K.R.P. Cooking @ 250 aday + 50 accomm							$ 300.00	$ 300.00
13/07/2009	----------	K.R.P. Cooking @ 250 aday + 50 accomm							$ 300.00	$ 300.00
14/07/2009	----------	K.R.P. Cooking @ 250 aday + 50 accomm							$ 300.00	$ 300.00
15/07/2009	----------	K.R.P. Cooking @ 250 aday + 50 accomm							$ 300.00	$ 300.00
16/07/2009	----------	K.R.P. Cooking @ 250 aday + 50 accomm							$ 300.00	$ 300.00
16/07/2009	----------	.60 a km X 2480 km = 1480.00 ----------							$ 1,480.00	$ 1,480.00
16/07/2009	----------	Book keeping 200.00 ----------							$ 200.00	$ 200.00
16/07/2009	----------	Trailer Rental 100 a day X 7 days = 700.00 ----------							$ 700.00	$ 700.00
									$ 4,480.00	
									Sub Total	$ 4,480.00
									Advances	
									TOTAL	$ 4,480.00

Approved

Notes

Reimbursement

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Statement No.

Expense Statement

Employee

Name: Jon Lutjen
SSN:
Department:
Emp #: Kettle river project/ barnes creek min
Position: Field manager
Manager:

Pay Period

From: 10/07/2009
To: 16/07/2009

Date	Account	Description	Lodging	Transport	Fuel	Meals	Phone	Entertainment	Other	TOTAL
10/07/2009	----------	K.R.P Field Manager 300 aday + 50 accomm							$ 350.00	$ 350.00
11/07/2009	----------	K.R.P Field Manager 300 aday + 50 accomm							$ 350.00	$ 350.00
12/07/2009	----------	K.R.P Field Manager 300 aday + 50 accomm							$ 350.00	$ 350.00
13/07/2009	----------	K.R.P Field Manager 300 aday + 50 accomm							$ 350.00	$ 350.00
14/07/2009	----------	K.R.P Field Manager 300 aday + 50 accomm							$ 350.00	$ 350.00
15/07/2009	----------	K.R.P Field Manager 300 aday + 50 accomm							$ 350.00	$ 350.00
16/07/2009	----------	K.R.P. Field Manager 300 aday + 50 accomm							$ 350.00	$ 350.00
16/07/2009	----------	.60 a km X 625 = 375.00 + .60 X 100 km runabout = 60							$ 435.00	$ 435.00
16/07/2009	----------	$20.00 aday X 5 days = 100							$ 100.00	$ 100.00
									$ 2,985.00	
									Sub Total	$ 2,985.00
									Advances	
									TOTAL	$ 2,985.00

Approved

Notes

Reimbursement

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Statement No.

Expense Statement

Employee

Name	James grinder	Emp #	Kettle River Project/ Barnes creek mi
SSN		Position	Line cutter
Department		Manager	

Pay Period

From 10/07/2009

To 16/07/2009

Date	Account	Description	Lodging	Transport	Fuel	Meals	Phone	Entertainment	Other	TOTAL
10/07/2009	----------	K.R.P Line cutter 250.00 a day + 50 accomm							$ 300.00	$ 300.00
11/07/2009	----------	K.R.P Line Cutter 250.00 aday + 50 accomm ----------							$ 300.00	$ 300.00
12/07/2009	----------	K.R.P Line Cutter 250.00 aday + 50 accomm ----------							$ 300.00	$ 300.00
13/07/2009	----------	K.R.P Line Cutter 250.00 aday + 50 accomm ----------							$ 300.00	$ 300.00
14/07/2009	----------	K.R.P Line Cutter 250.00 aday + 50 accomm ----------							$ 300.00	$ 300.00
15/07/2009	----------	K.R.P Line Cutter 250.00 aday + 50 accomm ----------							$ 300.00	$ 300.00
16/07/2009	----------	K.R.P Line cutter 250.00 a day + 50 accomm							$ 300.00	$ 300.00
16/07/2009	----------	$20. aday X 5 days = 100 ----------							$ 100.00	$ 100.00
16/07/2009	----------	.60 X 742 = 445.00 ----------							$ 445.00	$ 445.00
									$ 2,645.00	
									Sub Total	$ 2,645.00
									Advances	
									TOTAL	$ 2,645.00

Approved

Notes

Reimbursement

Office Use Only

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