BRITISH COLUMBIA

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]	**TOTAL COST**
Geological and Geochemical Report on the Ren Property	$38,154

AUTHOR(S) P.E.Fox PhD,P.Eng SIGNATURE(S)

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) na YEAR OF WORK 2008

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) Event # 4202194 March 16, 2008

PROPERTY NAME Ren

CLAIM NAME(S) (on which work was done) Ren 1; 557338

COMMODITIES SOUGHT Uranium

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN

MINING DIVISION Vernon NTS 82L2

LATITUDE 49 o 57 ' " LONGITUDE 118 o 38 ' " (at centre of work)

OWNER(S)

1) Peter E Fox 2)

MAILING ADDRESS

3800 No 7 Road

Richmond Bc V6V 1R4

OPERATOR(S) [who paid for the work]

1) Santoy Resources Ltd 2)

MAILING ADDRESS

3800 No 7 Road

Richmond BC V6V1R4

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Most of the claim area is underlain by elements of the Nelson intrusive rocks

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS Lahti, HR 1978. Assessment Report 7105, 7106

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	1:5000 mapping	Ren 1	10,000
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric	Scintillometer survey	Ren 1	2,000
Seismic			
Other	Radon survey	Ren 1	14,000
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil	83samples ICP MS 37 elements	Ren 1	10,154
Silt	11 samples ICP MS 37 elements	Ren 1	400
Rock			
Other	Water 41 samples for ICPMS 37 elements	Ren 1	1600
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	$ 38,154

ASSESSMENT REPORT

GEOLOGICAL and GEOCHEMICAL REPORT

ON THE

REN PROPERTY

Vernon Mining Division

NTS 82E15

Latitude 49° 57, Longitude 118°38

UTM 11 382686E, 5535984N

By

P. E. Fox, PhD., P.Eng

Richmond, B.C.

March 10, 2008

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SUMMARY

The Ren property lies 60 km east of Kelowna at the junction of the Kettle River and Winnifred Creek. Most of the claim area is underlain by elements of the Nelson intrusive rocks. The 2007 program was designed to follow-up stream sediment samples elevated in uranium reported by previous workers in the region. Accordingly, some 41 water, 11 stream sediments and 83 soil samples were collected along a series of logging roads that traverse much of the claim area. In addition, scintillometer and radon emanometer surveys were conducted over the same area. The work was completed in June, 2007. Results of this work are presented herein. Recommendations are made to follow up this work in 2008. Expenditures were $38,154.

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INTRODUCTION

The Ren claims were staked to follow-up anomalous stream sediment samples previously reported by early workers in the region in 1978. In June, 2007, a sampling program was conducted along a network of logging roads to provide an initial reconnaissance of the region.

Work in 2007 consisted of collecting 41 water, 11 stream sediment and 83 soil samples, and scintillometer and radon emanometer surveys. Work was supervised by P.E. Fox, PhD., P.Eng. and paid for by Santoy Resourcse Ltd.

LOCATION AND ACCESS

The Ren claims are situated in the Vernon Mining Division at 49° 57N, 118° 38' W, NTS 82E15 some 60 km east of Kelowna, British Columbia (Figure 1). Access from Kelowna, the regional economic centre, is via highway 33 to Westbridge and north along the Kettle River Valley to road K50 10 km north of Winnifred Creek. The claims can also be reached from Monashee Pass on Highway 6, a distance of 10 km. Local logging roads provide access to much of the claim area.

CLAIMS

The property (Figure 2) consists of the Ren1- 3 claims owned 100% by Peter E Fox (108752). The total area held is 1457 ha. The expiry date for the Ren 1 claim shown below in Table 1 assumes the work documented herein is approved. The Ren 2 and 3 claims were acquired in 2008 after the work program described herein was completed.

HISTORY

Exploration work in the region dates back to the early 1900's. Historical work was done nearby in the Cherry Creek, Beaverdell, Anarchist, Rock Creek and Barnado mining camps. Extensive exploration was conducted by Shell Canada, Norcen Energy, Kelvin Energy Ltd, Falconbridge and Mohawk Oil and others in


Figure 1
LOCATION MAP
KET Claims and
REN Claims
N
KET Property and
REN Property
Smithers
Telkwa
Terrace
Port Edward
Prince Rupert
Houston
Fort St. James
Burns Lake
Masset
Kitimat
Fraser Lake
Prince George
Port Clements
Queen Charlotte City
McBride
Wells
Quesnel
Valemount
Hagensborg-Bella Coola
Bella Bella
Horsefly
Alexis Creek
Williams Lake
Clearwater
100 Mile House
Golden
Clinton
Revelstoke
Cache Creek
Chase
Invermere
Salmon Arm
Lillooet
Ashcroft
Elkford
Logan Lake
Enderby
Nakusp
Meadow Creek
Port McNeill
Coldstream
Vernon
Silverton
Sayward
Pemberton
Lytton
Merritt
Sparwood
Whistler
Kaslo
Balfour
Kimberley
Campbell River
Slocan
Peachland
Powell River
Cranbrook
Tahsis
Courtenay
Squamish
Summerland
Nelson
Penticton
Castlegar
Sechelt
Hope
Princeton
Creston
North Vancouver (City)
Lions Bay
Grand Forks
Trail
Tofino
Langley (District)
Abbotsford
Osoyoos
Ucluelet
White Rock
North Cowichan
Duncan
Saanich
Victoria

2

the 1970's with the discovery of the Blizzard uranium deposit 40 kilometres to the south. No work has been reported on the upper Kettle River in the vicinity of the Ren claims since then and there are no Minfile records for this area. Regional sampling by Barringer Research for Kelvin Energy (Lahti, 1978) reported elevated uranium concentrations in stream sediments in the upper Kettle Valley and is the motive for the current program on the Ren claims.

Table 1: Claims Status

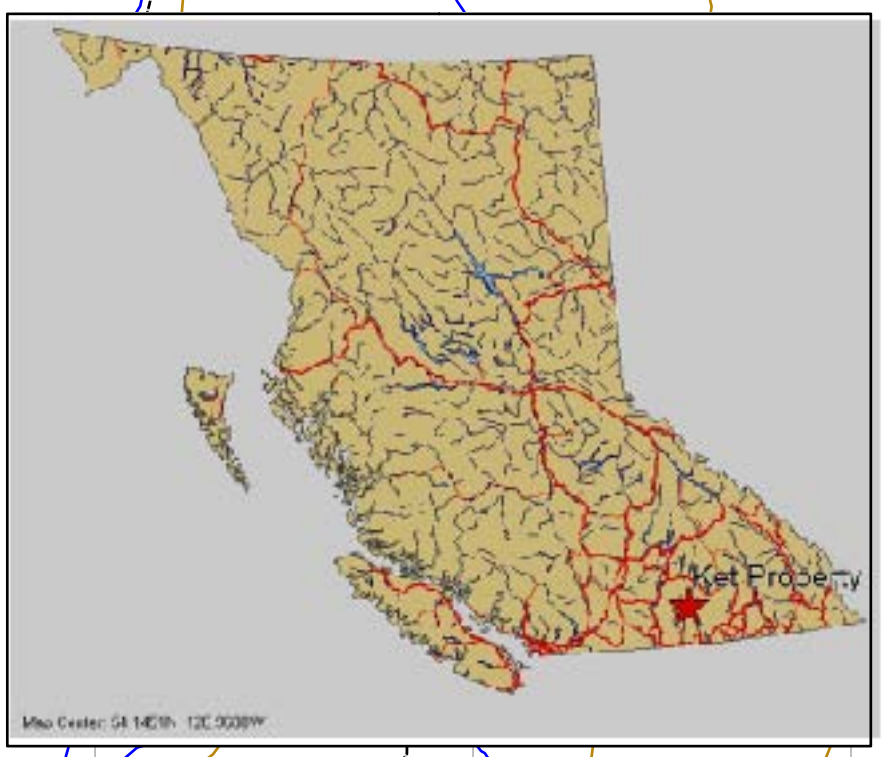
Claim Name	Tenure Number	Expiry date	ha
Ren 1	557338	April 21, 2013	522
Ren 2	577458	February 28, 2009	457
Ren 3	577459	February 28, 2009	478

REGIONAL GEOLOGY

The Ren claims are situated in the Kettle River graben near its northern terminus. To the south, the graben is filled largely with Eocene volcanic rocks of the Kamloops Group and local areas of Miocene olivine basalt of the Chilcotin Group that cap some of the higher ridges. Much of the area in the vicinity of the Ren claims is underlain by elements of the Jurassic Nelson intrusive suite. Little (1957, 1961) has mapped the highlands to the south and west as regionally extensive elements of the Anarchist Group metasediments and volcanics and extensive areas underlain by the Cretaceous Valhalla intrusions (Figure 3).

GEOLOGY

Local geology is shown in Figure 4. Bedrock consists of gneiss and metamorphosed plutonic rock of the Shuswap metamorhic complex that lie along the north side of the claims, and granodiorite and quartz monzonite of the Nelson batholith. The predominant rock type (unit 3) is a white porphyritic qurtz monzonite containing some 60% 10 cm orthoclase phenocrysts, 30% quartz and accessory biotite. This unit intrudes granodiorite (unit 2) which occupies the



REN 3
577459

REN 1
557338

REN 2
577458

REN Property

Breur Creek

Winnifred Creek

Damfino Creek Area

82E15

Damfino Creek

Nevertouch Lake

KET 14
555548

KET 17
555551

KET 13
555547

KET 15
555549

KET 16
555550

KET 24
557340

KET 25
557341

KET 21
557333

KET 20
557332

KET 19
557331

KET 1
530130

KET 2
530131

Goatskin Creek

KET 22
557334

KET 18
557329

KET 12
555526

KET 11
552264

KET 3
530132

KET 4
530134

82E10

KET Property

KET 23
557335

KET11
552262

KET 5
530135

KET 6
530136

Mt Arthurs

KET 7
530137

KET 8
530138

KET 10
552261

KET 9
530139

Nevertouch Creek

KETTLE RIVER

RENDELL CREEK

Kettle River

Rendell Creek

Rock Creek

Figure 2

KET PROJECT CLAIM MAP

Santoy Resources

Ket 1-25 Claims

Kettle River Area

NTS 82E10, 82E15

UTM 11 NAD83

0 2000 m

365000 m 370000 m 375000 m 380000 m 385000 m

5535000 m 5530000 m 5525000 m 5520000 m 5515000 m 5510000 m 5505000 m 5500000 m

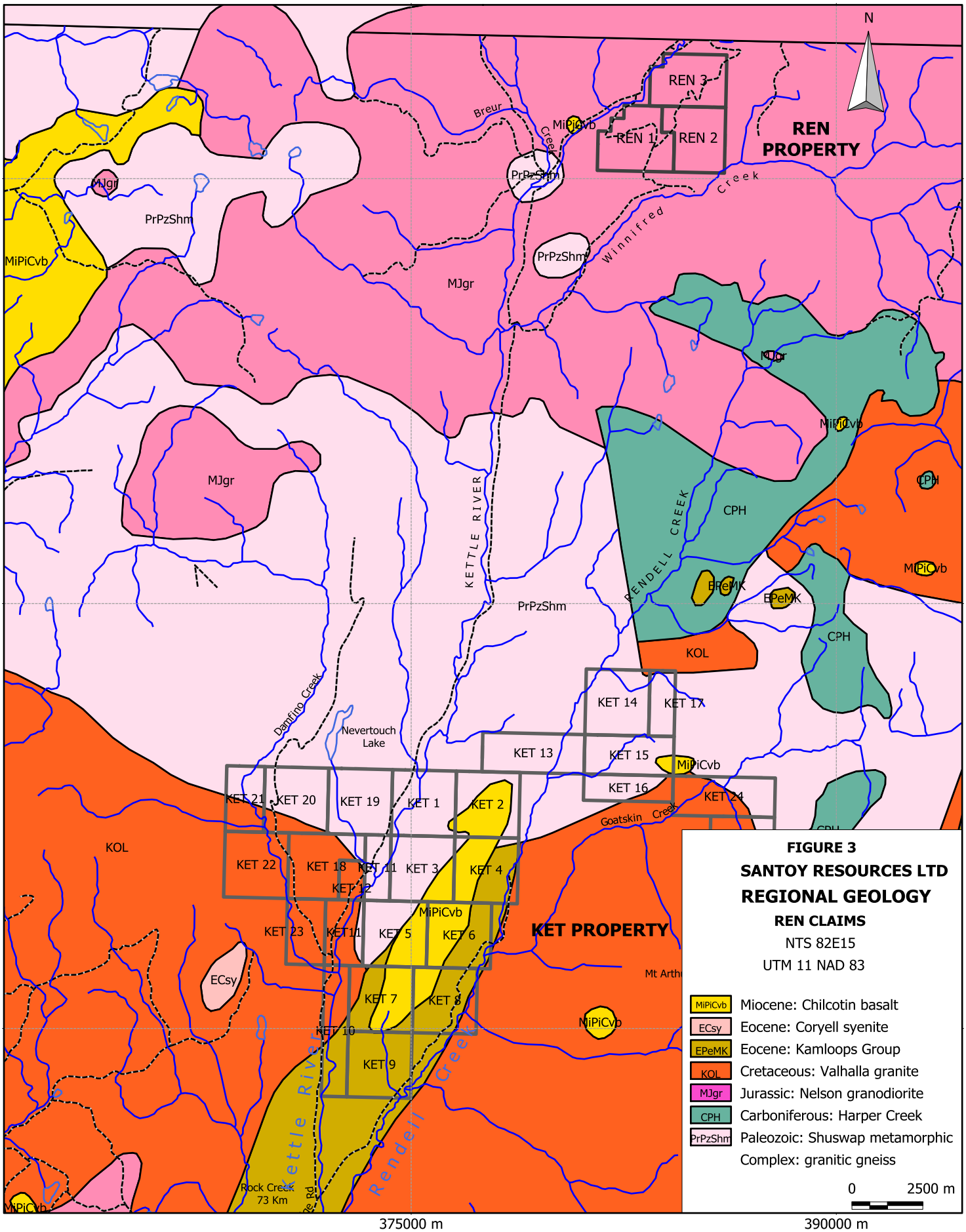
northwest part of the claim. Mafic gneiss and amphibolite (1) and biotite granite (4) lie in the northeast corner of the Ren 1 claim. All units are massive to weakly foliated.

EXPLORATION PROGRAM

The 2007 exploration program consisted of geological mapping, scintillometer and emanometer surveys and sampling stream silts, soils and waters generally along a network of logging roads that follow the east side of the Kettle valley and low summits between Kettle River and Winifred Creek. A three-man crew collected 135 samples between June 1 and June 30, 2007.

Geochemistry

Stream sediment and water samples were collected from small creeks, gullies and seeps along the east side of the Kettle River valley and small creeks draining summit areas to the east and south. Some 11 stream sediments, 83 soil and 41 water samples were analyzed. Water samples were stored in 50 ml plastic bottles and acidified with nitric acid and shipped to Acme Analytical Laboratories for analysis by ICP MS after dilution to 0.1% total dissolved solids. Seventy-two elements were determined. Internal lab standards were performed every 25 samples and duplicates every 15 samples. Sediment and soil samples were collected in standard Kraft sample bags dried and shipped to Acme Analytical Laboratories for analysis. Thirty-six elements were reported. Samples were screened to -80 mesh and 0.25 grams were leached with 2-2-2 HCL-HNO_3-H_2O diluted to 10ml. Soil sample depths are about 20 cm. A standard suite of duplicates and internal standards were completed on a routine basis consistent with QC practice. Certificates, authorized by C.Leong, certified assayer, together with analytical limitations, are given in Appendix I and a list of sample data in Appendix II. Analytic methods used are described on the certificates provided by Acme Laboratories. A sample location map for soil, water and silt samples is given in Figures 5, 6 and 7 respectively. Sample numbers are shown for each sample along with U content coded for U concentration.


375000 m
390000 m
5535000 m
5520000 m
5505000 m
N
REN 3
REN 1
REN 2
REN PROPERTY
KET PROPERTY
Breur Creek
Winnifred Creek
KETTLE RIVER
RENDELL CREEK
Damfino Creek
Nevertouch Lake
Goatskin Creek
Kettle River
Rendell Creek
Rock Creek 73 Km
MiPiCvb
PrPzShm
MJgr
CPH
EPeMK
KOL
ECsy
KET 1
KET 2
KET 3
KET 4
KET 5
KET 6
KET 7
KET 8
KET 9
KET 10
KET 11
KET 12
KET 13
KET 14
KET 15
KET 16
KET 17
KET 18
KET 19
KET 20
KET 21
KET 22
KET 23
KET 24
FIGURE 3
SANTOY RESOURCES LTD
REGIONAL GEOLOGY
REN CLAIMS
NTS 82E15
UTM 11 NAD 83
MiPiCvb Miocene: Chilcotin basalt
ECsy Eocene: Coryell syenite
EPeMK Eocene: Kamloops Group
KOL Cretaceous: Valhalla granite
MJgr Jurassic: Nelson granodiorite
CPH Carboniferous: Harper Creek
PrPzShm Paleozoic: Shuswap metamorphic Complex: granitic gneiss
0
2500 m

Emanometer Survey

Radon (Rn) contents of water samples using an EDA RD200 instrument expressed in counts per minute (cpm) are given in Figure 8. Sample data are given in Appendix II and Instrument specifications in Appendix III. Samples are usually small groundwater seeps and springs. The sampling procedure (Morse, 1976) involves placing the sample, about 100 cc, in a bubbler apparatus wherein air is bubbled through the sample in a vacuum circuit, the gas collected in a ZnS cylinder and counted in the RD 200 unit for a five minute period. Results are directly proportional to Rn222 content. Since this work is normally done during the evening, thoron (Po 218, Rn 220) effects are nil. Background Rn contents are about 30 cpm or less based on measurements of the Kettle River (8, 9, 30 cpm). Elevated Rn contents were obtained from small seeps and creeks along the lower slopes at the north part of the Ren 1 claim, up to 114 cpm.

Soil gas samples using the EDA RD200 were collected using recommended procedures (Morse 1976), generally driving a 1-inch probe (rebar was used) to 30 inches, inserting the gas probe and pumping the gas into a ZnS-coated measuring cylinder and measuring cpm at one, two and three-minute intervals, recording mesurements and noting UTM coordinates (APPENDIX II). Data were corrected for background, usually 1-5 cpm, and net Rn was determined by the formula

$$\text{Net Rn} = 0.87C_3 + 0.32C_2 - 0.34C_1$$

C_1, C_2 and C_3 are the (corrected) one, two, and three minute counts respectively. Absolute Rn contents were not determined. Rn:Thoron ratios are useful and are estimated by C_3/C_1. Ratios > 0.7 are probably U-sourced signatures in contrast to thorium (thoron) products (Po 218 and Rn 220) which, because of their short half

lives, are essentially gone after two minutes. Soil gas measurements are thus useful deterministic parameters in distinguishing U from thorium sources.

Results of the soil gas sampling work are given in Figure 9 using recommended procedures. Rn:Th ratios are shown for each sample site. Elevated U ratios generally correlate with the central quartz monzonite body were seven samples indicate anomalous U-sourced ratios but no coherent pattern is evident. Elsewhere, ratios are generally less than 0.8.

Scintillometer Survey

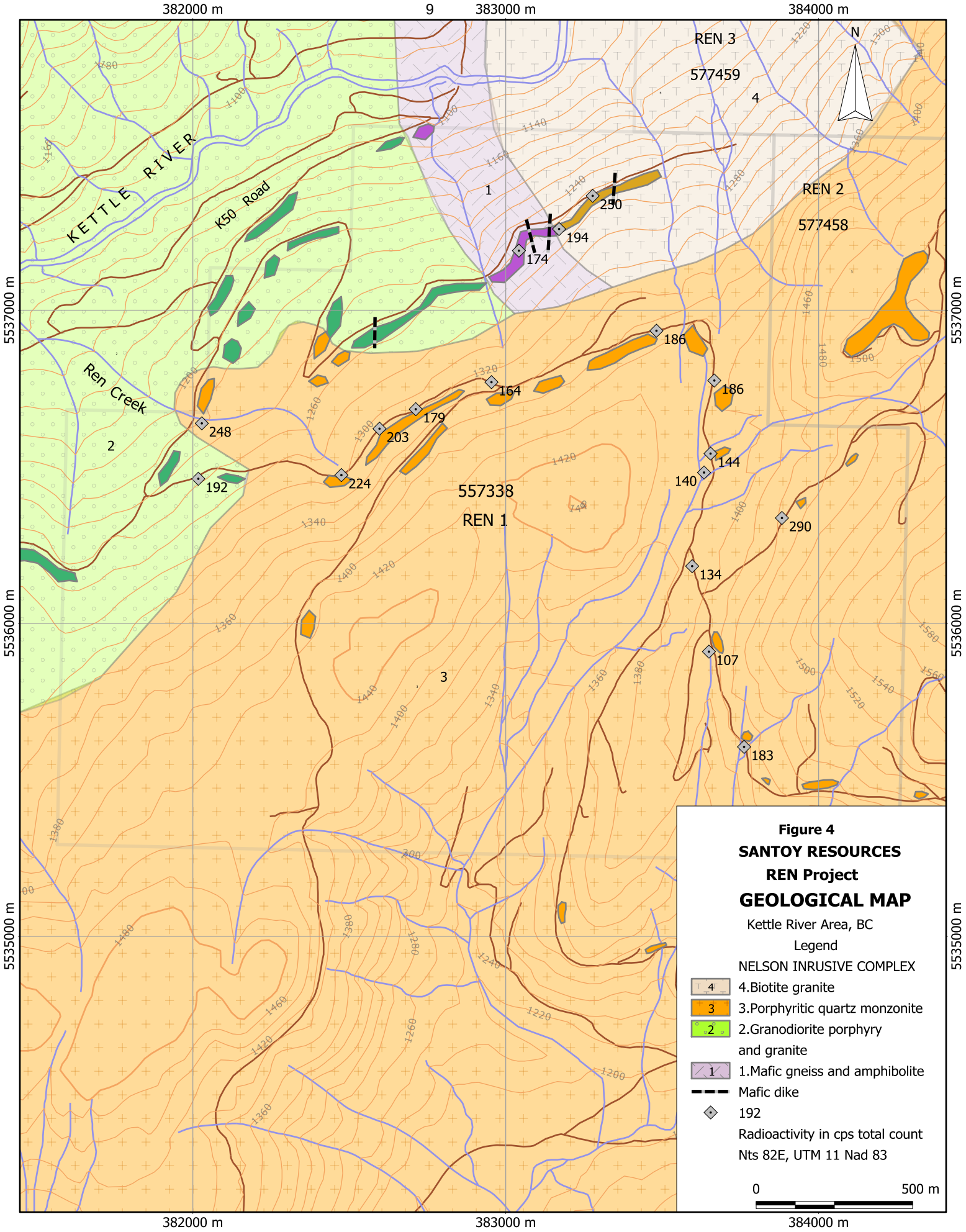
Scintillometer measurements using a Geometrics GR110 unit are given in Appendix II and instrument specifications in Appendix IV. Data are total count for K, U, and Th. Results are plotted in Figure 4. All are at background levels of radioactivity for the region.

DISCUSSION

The 2007 program on the Ren 1 claim generally returned encouraging results. Soil U content, Rn in water (cpm) and silt U samples are compiled in Figure 10. Soil contours show a coherent soil anomaly near the Kettle River at the northern part of the Ren 1 claim. Just to the east, Rn in water samples and silts from a north-flowing creek are also anomalous in U, as are water samples from the same source (not shown). The combined Rn water and silt anomalies at the northeast corner of the Ren 1 claim point to a significant target in this part of the claim area that may extend onto the adjoining Ren 2 and 3 claims.

CONCLUSION AND RECOMMENDATIONS

Work in 2007 established a coherent soil, silt and Rn-in-water target in the northern part of the Ren 1 claim. Further sampling work along a comprehensive grid system is recommended for 2008.


382000 m
9
383000 m
384000 m
5537000 m
5536000 m
5535000 m
N
REN 3
577459
4
REN 2
577458
1
KETTLE RIVER
K50 Road
Ren Creek
2
557338
REN 1
3
250
194
174
186
186
164
179
203
248
192
224
144
140
290
134
107
183
Figure 4
SANTOY RESOURCES
REN Project
GEOLOGICAL MAP
Kettle River Area, BC
Legend
NELSON INRUSIVE COMPLEX
4.Biotite granite
3.Porphyritic quartz monzonite
2.Granodiorite porphyry and granite
1.Mafic gneiss and amphibolite
Mafic dike
192
Radioactivity in cps total count
Nts 82E, UTM 11 Nad 83
0
500 m

154
EXPENDITURES

Program costs based on invoice amounts for wages and supplies for the above detailed work are tabulated below. Total expenditures for the 2007 program are $39,154 (Table 2). Work was paid for by Santoy Resources Ltd.

Table 2: Project Expenditures

Analyses	Acme Analytical invoices 135 samples	1,474
Camp costs	Accomodation & board	5,624
Labour 60 days	D. Erickson, sampler, data entry	
	A.Martin, sampler, crew foreman	11,766
Consulting 24 days	Peter Fox, geologist, geol. mapping	12,250
Vehicle costs	Rental, fuel, 2x 4wd units	4,812
Field supplies	Rentals, supplies	953
Maps	Printing and reproduction, GIS maps	912
Report costs	P.E Fox time, report preparation	1,200
Travel		163
Program Total		$39,154

Prepared by

Peter E. Fox PhD. P.Eng.

STATEMENT OF QUALIFICATIONS

I, Peter E. Fox of Richmond, British Columbia do hereby certify that I:

- am a graduate of Queens University in Kingston, Ontario with a Bachelor of Science and Master of Science degrees in Geological Sciences in 1959 and 1962, and a graduate of Carleton University, Ottawa, Ontario with a degree of Doctor of Philosophy in 1966.

- am a member of the Association of Professional Engineers and Geoscientists of British Columbia #8133.

- have practiced my profession since 1966.

- am a consulting geologist.

- am the author of the report entitled “Assessment Report , Geological and Geochemical Report on the Ren Property” and supervised all of the work therein.

Dated at Richmond, British Columbia this 10th Day of March, 2008.

Respectfully submitted,

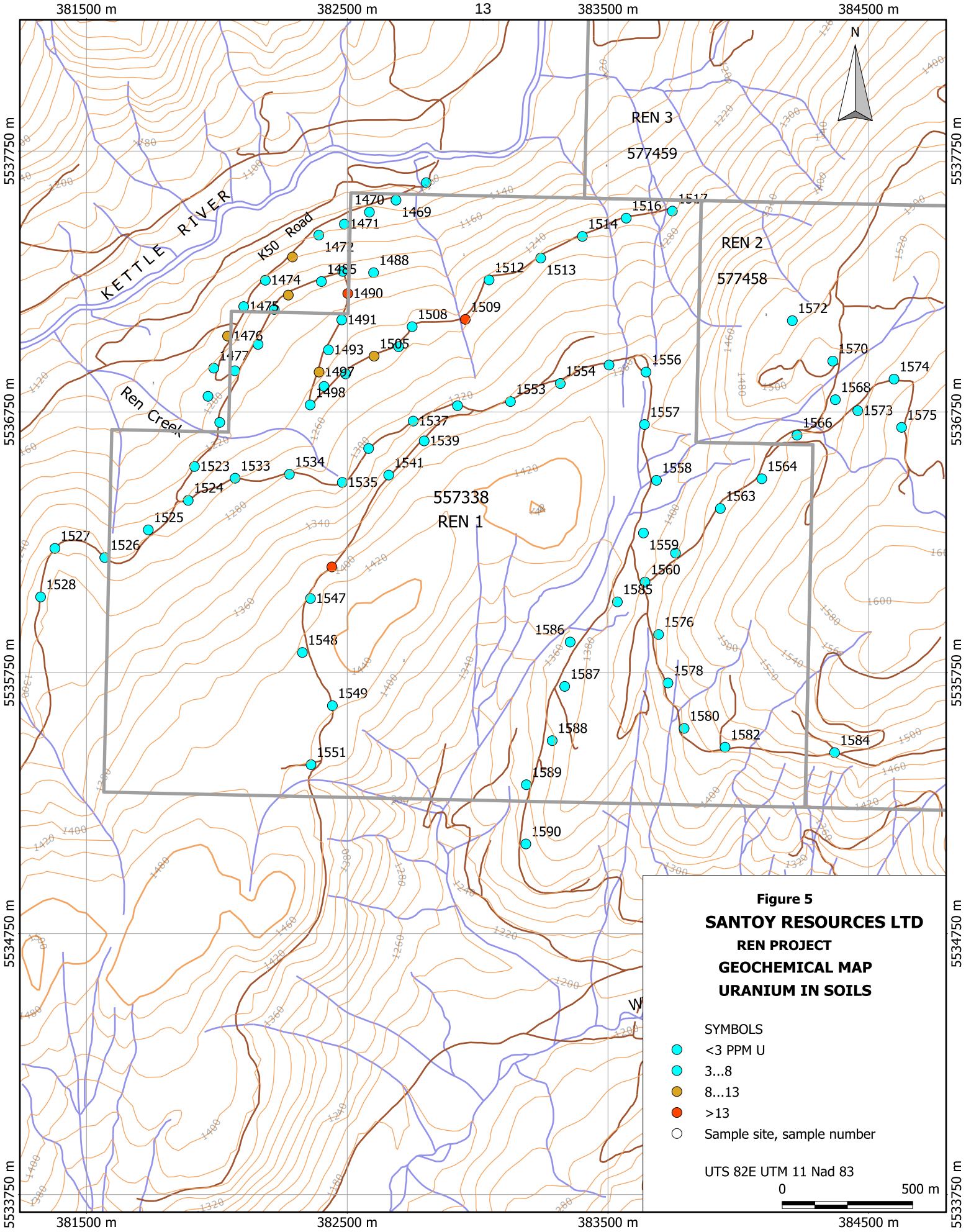
_____
Peter E. Fox
March 10, 2008

BIBLIOGRAPHY

Lahti, H.R., 1978. Report on the Semi-Detailed Stream Sediment Survey, Kettle River Area, British Columbia Department of Mines Assessment Reports 7105, 7106.

Little, H.W. 1957. Geology of Kettle River (East Half), Geological Survey of Canada, Map 6-1957

Little, H.W. 1961. Geology of Kettle River (West Half), Geological Survey of Canada, Map 15-1961


381500 m
382500 m
13
383500 m
384500 m
5537750 m
5536750 m
5535750 m
5534750 m
5533750 m
N
REN 3
577459
REN 2
577458
REN 1
557338
KETTLE RIVER
K50 Road
Ren Creek
1470
1469
1471
1472
1488
1485
1474
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1580
1588
1582
1584
1551
1589
1590
Figure 5
SANTOY RESOURCES LTD
REN PROJECT
GEOCHEMICAL MAP
URANIUM IN SOILS
SYMBOLS
<3 PPM U
3...8
8...13
>13
Sample site, sample number
UTS 82E UTM 11 Nad 83
0
500 m

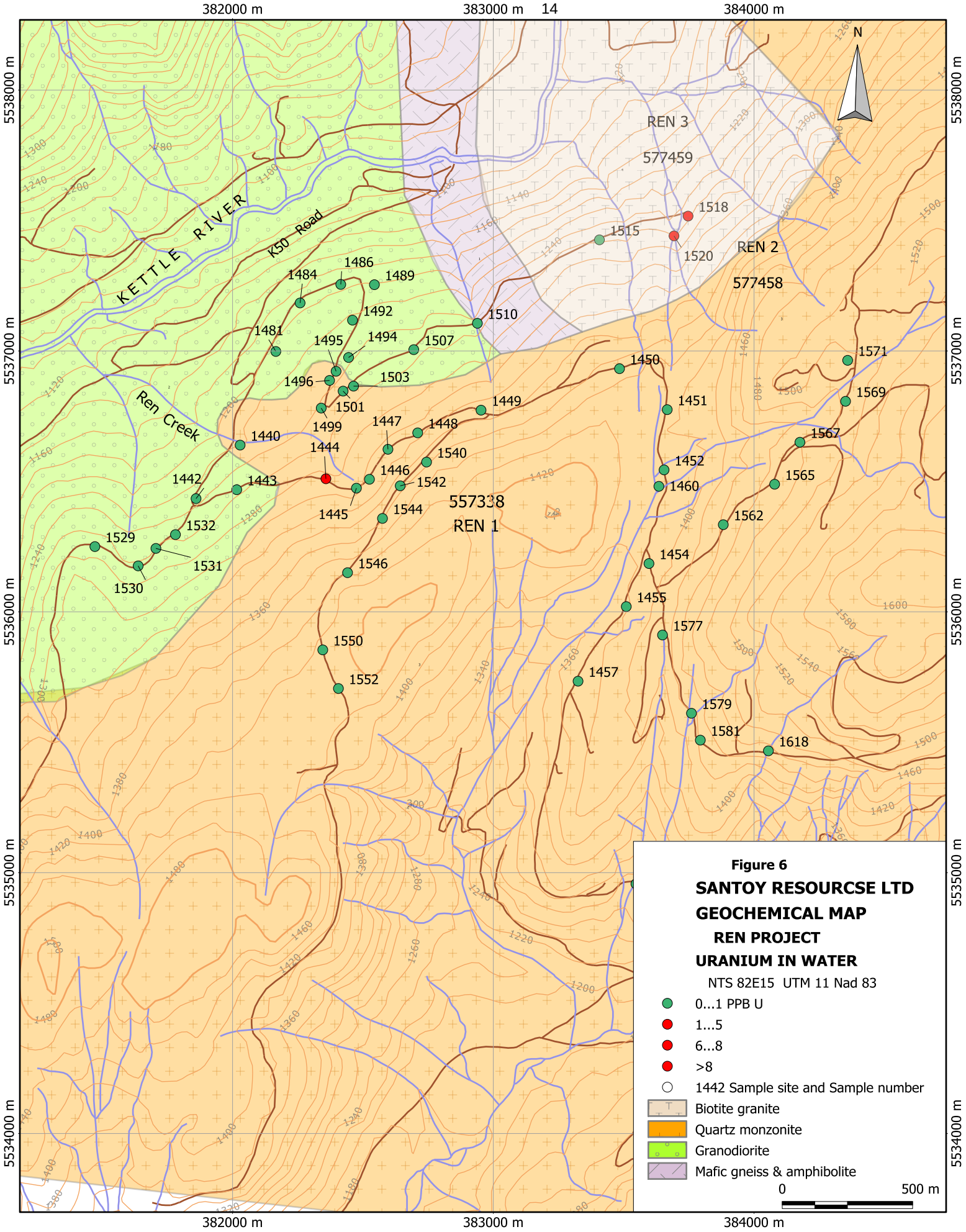


Figure 6

SANTOY RESOURCSE LTD

GEOCHEMICAL MAP

REN PROJECT

URANIUM IN WATER

NTS 82E15 UTM 11 Nad 83

- 0...1 PPB U
- 1...5
- 6...8
- >8
- 1442 Sample site and Sample number
- Biotite granite
- Quartz monzonite
- Granodiorite
- Mafic gneiss & amphibolite

0 500 m

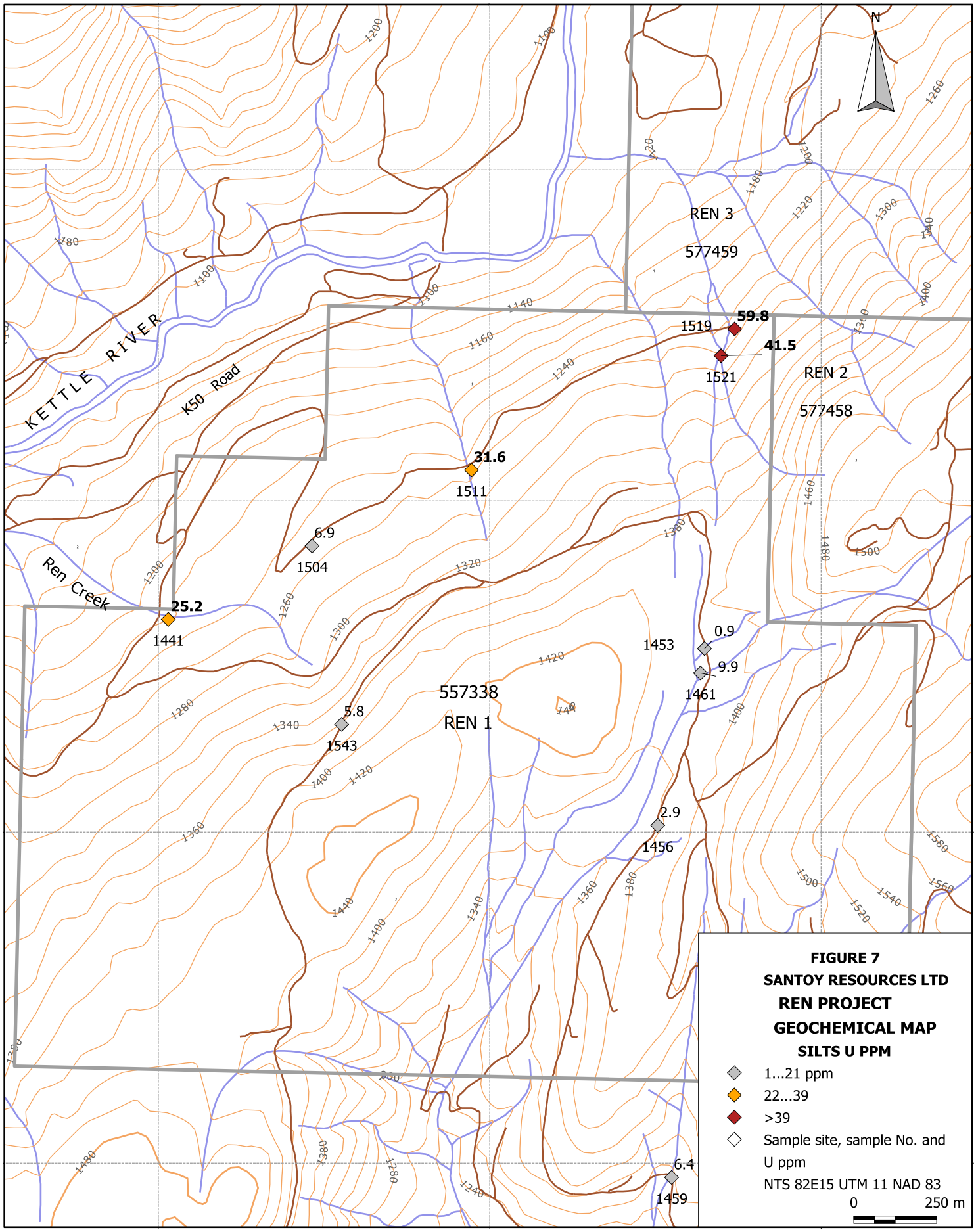
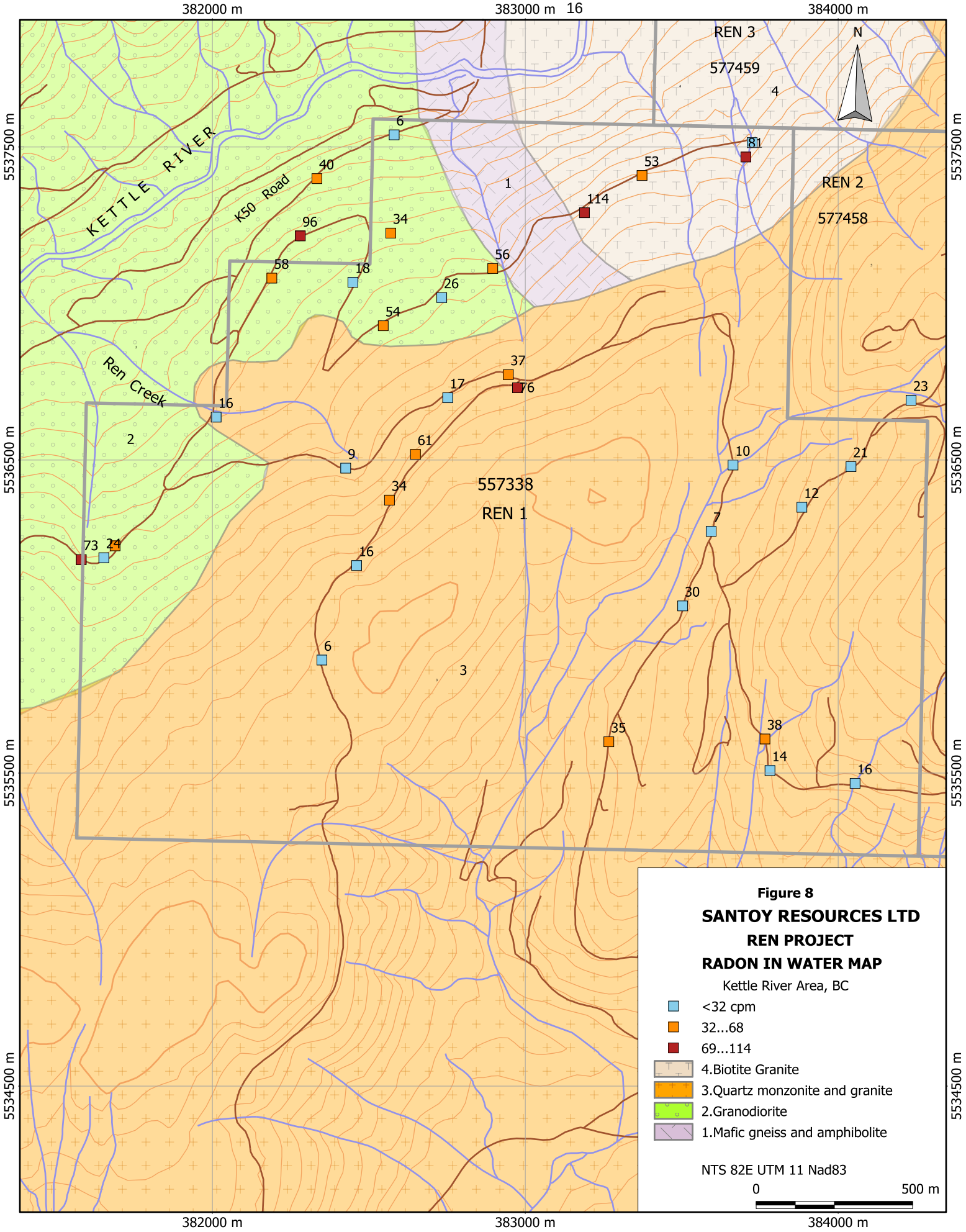


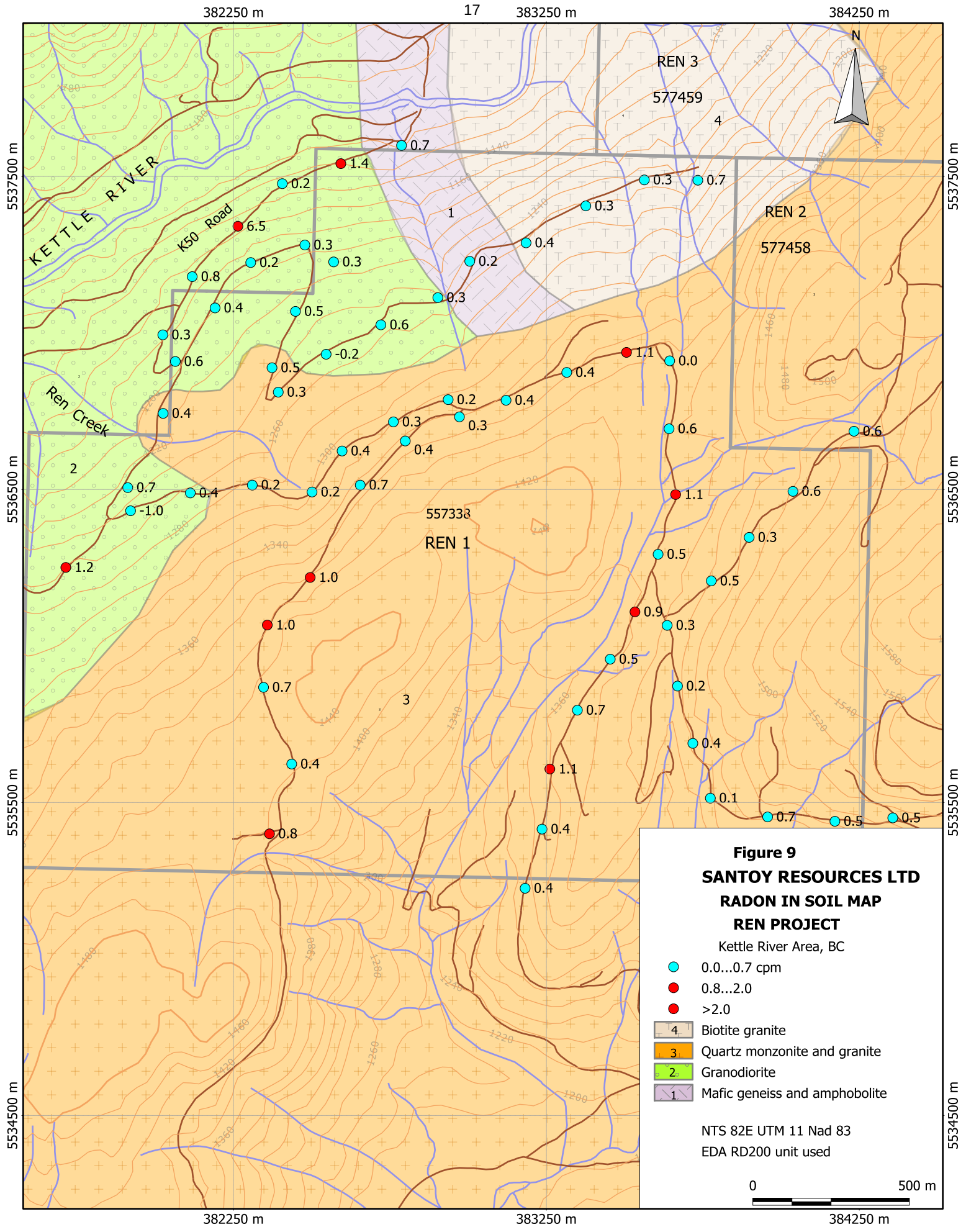
FIGURE 7
SANTOY RESOURCES LTD
REN PROJECT
GEOCHEMICAL MAP
SILTS U PPM

- 1...21 ppm
- 22...39
- >39
- Sample site, sample No. and U ppm

NTS 82E15 UTM 11 NAD 83

0 250 m


382000 m
383000 m
384000 m
16
5537500 m
5536500 m
5535500 m
5534500 m
N
REN 3
577459
4
REN 2
577458
557338
REN 1
KETTLE RIVER
K50 Road
Ren Creek
1
2
3
6
40
96
58
18
34
56
26
54
114
53
81
37
76
17
16
9
61
34
73
24
16
6
10
7
30
35
38
14
16
12
21
23
Figure 8
SANTOY RESOURCES LTD
REN PROJECT
RADON IN WATER MAP
Kettle River Area, BC
<32 cpm
32...68
69...114
4.Biotite Granite
3.Quartz monzonite and granite
2.Granodiorite
1.Mafic gneiss and amphibolite
NTS 82E UTM 11 Nad83
0
500 m


382250 m
17
383250 m
384250 m
5537500 m
5536500 m
5535500 m
5534500 m
N
REN 3
577459
4
REN 2
577458
1
2
3
REN 1
557338
KETTLE RIVER
K50 Road
Ren Creek
0.7
1.4
0.2
6.5
0.3
0.2
0.3
0.8
0.4
0.5
0.6
0.3
0.6
-0.2
0.5
0.3
0.4
0.3
0.7
0.4
0.2
0.4
0.3
0.3
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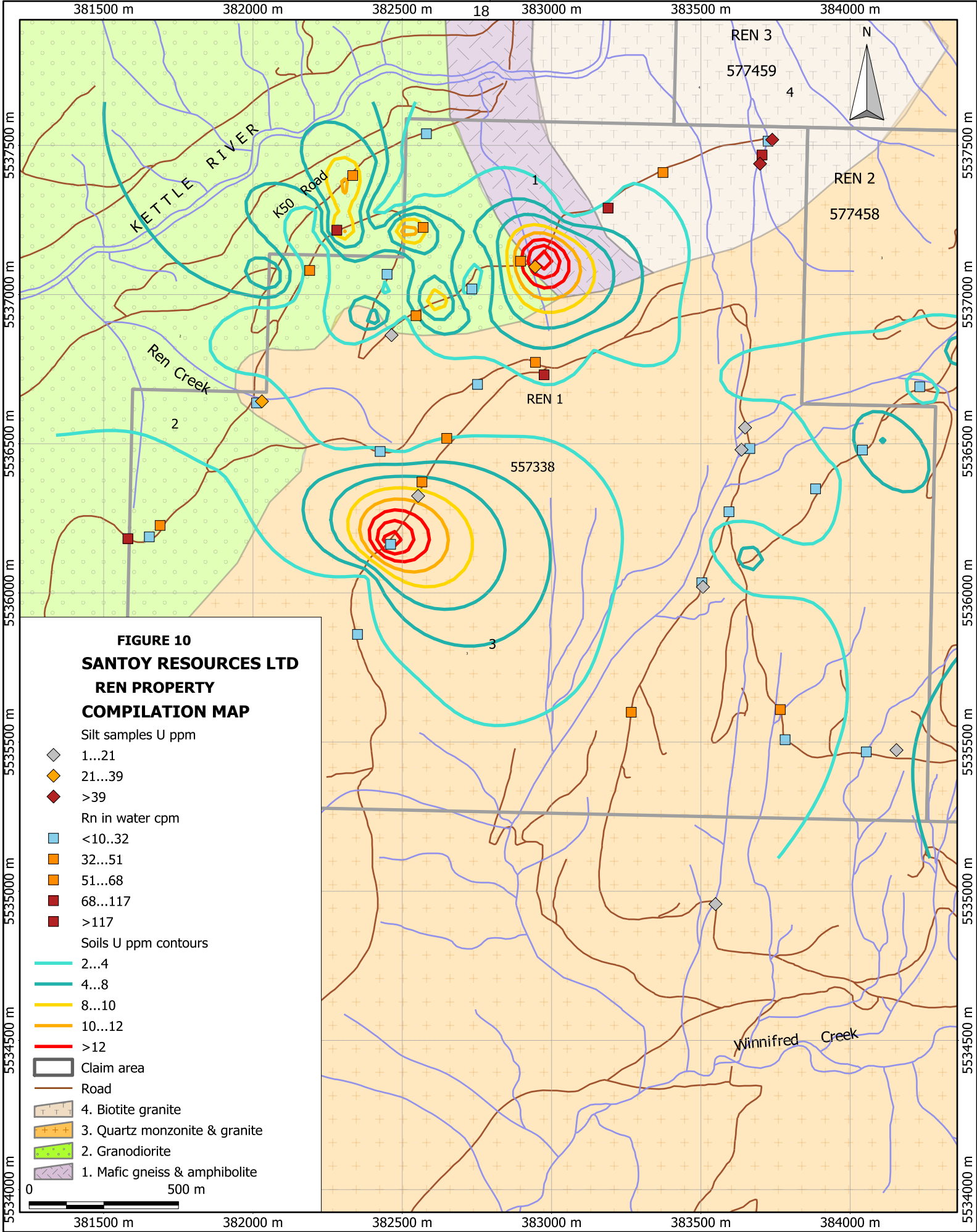
0.4
0.7
0.4
0.2
0.2
0.7
-1.0
1.2
1.0
1.0
0.7
0.4
0.8
0.4
0.4
1.1
0.7
0.4
0.4
1.1
0.0
0.6
0.6
1.1
0.6
0.3
0.5
0.5
0.9
0.3
0.5
0.2
0.4
0.1
0.7
0.5
0.5
0.3
0.7
0.3
0.2
0.1
0.7
0.3
0.7
Figure 9
SANTOY RESOURCES LTD
RADON IN SOIL MAP
REN PROJECT
Kettle River Area, BC
0.0...0.7 cpm
0.8...2.0
>2.0
4 Biotite granite
3 Quartz monzonite and granite
2 Granodiorite
1 Mafic geneiss and amphobolite
NTS 82E UTM 11 Nad 83
EDA RD200 unit used
0
500 m


381500 m
382000 m
382500 m
383000 m
383500 m
384000 m
5537500 m
5537000 m
5536500 m
5536000 m
5535500 m
5535000 m
5534500 m
5534000 m
18
N
REN 3
577459
4
REN 2
577458
1
KETTLE RIVER
K50 Road
Ren Creek
2
REN 1
557338
3
Winnifred Creek
FIGURE 10
SANTOY RESOURCES LTD
REN PROPERTY
COMPILATION MAP
Silt samples U ppm
1...21
21...39
>39
Rn in water cpm
<10..32
32...51
51...68
68...117
>117
Soils U ppm contours
2...4
4...8
8...10
10...12
>12
Claim area
Road
4. Biotite granite
3. Quartz monzonite & granite
2. Granodiorite
1. Mafic gneiss & amphibolite
0
500 m

APPENDIX I

ANALYTICAL CERTIFICATES
ACME ANALYTICAL LABORATORIES LTD.

Analytical Methods Noted On Certificate Sheets

ACME ANALYTICAL LABORATORIES LTD. (ISO 9001 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Fox Geological Consultants PROJECT KET File # A703725 Page 1 (a)

3800 No. 7 Road, Richmond BC V6V 1R4 Submitted by: Peter Fox

SAMPLE#	Dilute	Ag	Al	As	Au	B	Ba	Be	Bi	Br	Ca	Cd	Ce	Cl	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Hg	Ho	In	Ir	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb
	-	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1401	1	<.05	152	<.5	<.05	<5	6.84	<.05	<.05	9	25466	.06	.38	1	.30	1.9	.01	3.9	.04	.02	.01	238	<.05	.06	<.05	<.02	<.1	.01	<.01	<.05	2399	.20	2.8	<.01	17755	54.19	.2	5152	.01
1402	1	<.05	427	<.5	<.05	<5	5.02	<.05	<.05	6	12947	.16	2.03	1	2.14	1.4	.02	9.5	.19	.11	.05	598	.11	.22	<.05	<.02	<.1	.04	<.01	<.05	1611	.75	.7	.02	4041	213.67	<.1	3958	.01
1403	1	<.05	515	<.5	<.05	<5	12.58	<.05	<.05	6	4429	<.05	2.82	<1	.16	1.1	.02	2.3	.24	.12	.07	413	.09	.25	<.05	.05	<.1	.05	<.01	<.05	1009	1.26	.4	.02	2144	13.39	.1	2451	.02
1404	1	<.05	756	<.5	<.05	<5	5.20	.15	<.05	11	12468	<.05	2.06	1	.39	2.2	.02	6.1	.39	.25	.11	716	.13	.44	<.05	.04	<.1	.09	<.01	<.05	1394	1.53	.5	.04	6238	32.41	<.1	3866	.03
RE 1404	1	<.05	781	<.5	<.05	<5	5.61	<.05	<.05	12	12774	<.05	2.19	1	.39	2.0	.03	6.5	.43	.27	.13	737	.14	.48	<.05	.05	<.1	.09	<.01	<.05	1457	1.65	.4	.04	6390	33.53	.1	4054	.03
1405	1	<.05	205	<.5	<.05	<5	2.14	<.05	<.05	6	11978	<.05	1.37	1	.37	.6	.01	1.9	.23	.14	.08	458	<.05	.29	<.05	.02	<.1	.05	<.01	<.05	1245	1.21	.1	.02	6036	42.99	.1	3927	.01
1406	1	<.05	609	<.5	<.05	<5	17.84	<.05	<.05	11	12368	.25	2.75	3	.51	1.4	.03	9.1	.24	.14	.08	670	.18	.28	<.05	.03	<.1	.05	<.01	<.05	3120	1.63	1.1	.02	5727	59.81	.5	4266	.04
1407	1	<.05	853	<.5	<.05	<5	10.54	<.05	<.05	11	5950	.08	2.18	2	.48	2.3	.04	6.7	.20	.11	.06	734	.23	.20	<.05	.04	<.1	.04	<.01	<.05	2121	1.07	.7	.02	2870	49.61	.2	3035	.13
1408	1	<.05	559	<.5	<.05	<5	11.43	.10	<.05	7	5956	.08	1.74	<1	.17	1.0	.10	3.1	.23	.13	.07	456	.13	.26	<.05	.03	<.1	.05	<.01	<.05	899	1.30	.9	.02	2409	12.26	.1	2641	.08
1409	1	<.05	516	<.5	<.05	<5	9.44	<.05	<.05	5	5716	.13	2.54	1	.88	1.1	.02	14.4	.39	.21	.12	753	.16	.46	<.05	.03	<.1	.07	<.01	<.05	3069	2.02	.8	.03	2742	102.16	.2	4186	.03
1410	1	<.05	622	<.5	<.05	5	15.89	.07	<.05	<5	4619	<.05	2.64	<1	.90	2.1	.01	3.1	.20	.10	.05	777	.13	.20	<.05	.06	<.1	.04	<.01	<.05	1146	1.04	.6	.02	2053	165.37	.1	2015	.07
1411	1	<.05	466	<.5	<.05	<5	9.68	<.05	<.05	<5	4236	<.05	1.78	1	.24	1.3	.05	2.2	.18	.09	.05	546	.13	.20	<.05	.03	<.1	.04	<.01	<.05	1055	.98	.5	.01	1764	16.88	<.1	1786	.02
1412	1	<.05	963	<.5	<.05	5	27.48	.07	<.05	6	9305	<.05	3.60	1	.56	2.8	.01	2.5	.35	.20	.11	816	.12	.41	<.05	.10	<.1	.07	<.01	<.05	3182	1.69	.3	.03	3572	163.54	.1	2630	.07
1413	1	<.05	114	<.5	<.05	<5	1.80	<.05	<.05	5	6670	<.05	.58	1	.07	.7	<.01	.7	.15	.09	.04	215	<.05	.16	<.05	.03	<.1	.03	<.01	<.05	654	.47	.1	.01	2909	7.97	<.1	2619	.01
1414	1	<.05	309	<.5	<.05	<5	4.47	<.05	<.05	6	5037	.08	1.33	1	.11	1.0	.01	2.9	.25	.14	.08	271	<.05	.28	<.05	.06	<.1	.05	<.01	<.05	1187	1.04	.2	.02	2016	14.06	<.1	2539	.02
1415	1	<.05	273	<.5	<.05	<5	3.16	<.05	<.05	7	3238	<.05	1.34	1	.20	2.1	<.01	2.8	.21	.11	.05	411	<.05	.18	<.05	.04	<.1	.04	<.01	<.05	1223	.81	.2	.02	1196	27.78	.2	2388	.03
1416	1	<.05	129	<.5	<.05	<5	3.96	<.05	<.05	<5	1032	<.05	.54	1	.13	.7	<.01	2.1	.05	.03	.02	133	<.05	.09	<.05	<.02	<.1	.01	<.01	<.05	998	.40	.1	<.01	501	38.38	.2	1215	.01
1417	1	<.05	887	<.5	<.05	6	19.33	<.05	<.05	6	3402	<.05	4.12	1	.62	2.4	.04	3.7	.19	.10	.04	865	.26	.18	<.05	.05	<.1	.03	<.01	<.05	1833	1.29	1.0	.02	1862	146.53	.1	1125	.09
1418	1	<.05	551	<.5	<.05	6	10.05	<.05	<.05	6	6373	<.05	2.10	1	.14	1.1	.01	2.6	.14	.07	.05	283	.10	.16	<.05	.06	<.1	.03	<.01	<.05	1936	.96	.3	.01	2969	13.40	.1	2422	.03
1419	1	<.05	103	<.5	<.05	<5	4.31	<.05	<.05	<5	12073	<.05	.60	<1	.03	.9	<.01	1.2	.07	.05	.02	85	<.05	.09	<.05	<.02	<.1	.02	<.01	<.05	754	.34	.4	.01	4737	4.65	<.1	3704	.02
1420	1	<.05	343	<.5	<.05	12	8.01	<.05	<.05	11	5330	.06	1.80	1	.53	2.3	<.01	10.1	.13	.08	.03	583	<.05	.12	<.05	.07	<.1	.03	<.01	<.05	4012	.71	.6	.01	1646	129.31	.3	2346	.04
1421	1	<.05	444	<.5	<.05	<5	12.40	.12	<.05	9	74927	.10	1.15	1	1.07	7.6	.04	1.8	.12	.07	.03	884	.16	.11	<.05	<.02	<.1	.02	<.01	<.05	1270	.86	14.1	.01	19260	751.96	2.8	11510	.01
1422	1	<.05	86	<.5	<.05	<5	8.47	.10	<.05	10	15744	<.05	.57	1	.33	1.1	.03	1.9	.11	.07	.03	722	<.05	.16	<.05	.02	<.1	.02	<.01	<.05	1181	.49	2.4	.01	3502	56.11	.4	3909	.02
1423	1	<.05	131	<.5	<.05	<5	9.10	.09	<.05	9	14490	.07	.98	1	1.15	1.5	.02	69.5	.08	.04	.03	956	<.05	.09	<.05	.03	<.1	.02	<.01	<.05	1427	.50	2.2	.01	4017	170.71	.7	4743	.03
1424	1	<.05	17	<.5	<.05	<5	6.54	<.05	<.05	6	15061	<.05	.08	1	.02	.8	<.01	.9	.03	.02	.01	61	<.05	.06	<.05	<.02	<.1	.01	<.01	<.05	1342	.47	.9	<.01	5313	1.02	.5	5143	<.01
1429	1	<.05	56	<.5	<.05	<5	8.12	<.05	<.05	5	2963	.17	.53	1	.07	<.5	<.01	3.0	.09	.05	.03	64	<.05	.11	<.05	<.02	<.1	.02	<.01	<.05	1086	.70	1.1	.01	798	11.51	.1	2461	<.01
1431	1	<.05	86	<.5	<.05	<5	4.66	<.05	<.05	<5	2916	<.05	.27	<1	.03	<.5	<.01	.7	.10	.05	.03	40	<.05	.12	<.05	<.02	<.1	.02	<.01	<.05	551	.91	.6	.01	694	1.00	.2	1729	<.01
1433	1	<.05	46	<.5	<.05	<5	2.20	<.05	<.05	<5	2942	<.05	.43	<1	.03	<.5	<.01	.7	.10	.06	.03	39	<.05	.13	<.05	<.02	<.1	.02	<.01	<.05	339	.48	1.3	.01	575	2.30	.2	2022	<.01
1434	1	<.05	78	<.5	<.05	<5	47.60	<.05	<.05	<5	4361	.13	.41	1	.07	<.5	<.01	4.9	.11	.06	.03	61	<.05	.15	<.05	<.02	<.1	.02	<.01	<.05	1027	.70	3.7	.01	779	7.35	.1	2889	<.01
1435	1	<.05	31	<.5	<.05	<5	5.68	<.05	<.05	<5	5426	.10	.13	<1	.04	.5	<.01	2.2	.08	.05	.02	66	<.05	.08	<.05	<.02	<.1	.02	<.01	<.05	719	.54	2.5	.01	1091	3.01	.2	2946	<.01
1436	1	<.05	396	<.5	<.05	<5	12.88	.12	<.05	<5	4477	<.05	2.96	1	.11	<.5	.01	4.5	.87	.39	.23	241	.06	1.05	<.05	<.02	<.1	.15	<.01	<.05	761	7.20	3.2	.05	838	15.37	.2	2545	.01
1440	1	<.05	97	<.5	<.05	<5	6.41	<.05	<.05	5	7095	.11	.74	2	.04	.7	.01	6.5	.21	.10	.07	61	<.05	.24	<.05	<.02	<.1	.04	<.01	<.05	1350	1.35	.4	.02	1220	12.05	.1	2776	.01
1442	1	<.05	214	<.5	<.05	<5	8.01	<.05	<.05	<5	4364	.69	.95	<1	.10	.8	.02	1.7	.16	.08	.05	182	<.05	.19	<.05	<.02	<.1	.03	<.01	<.05	543	1.22	.5	.02	814	17.89	<.1	1865	.01
1443	1	<.05	260	<.5	<.05	<5	10.53	<.05	<.05	5	6250	.29	2.22	1	.09	.5	.03	3.2	.19	.09	.08	185	.07	.27	<.05	<.02	<.1	.04	<.01	<.05	989	1.87	.5	.01	1127	16.65	.1	2048	.02
1444	1	<.05	255	<.5	<.05	<5	7.74	<.05	<.05	<5	4177	.07	2.53	1	.15	<.5	.03	1.8	.21	.10	.08	249	.07	.32	<.05	.02	<.1	.04	<.01	<.05	645	2.77	.6	.02	617	59.11	<.1	1352	.01
STANDARD WASTWATERD1	1	390.16	1542	497.0	<.05	1648	584.92	791.00	<.05	11	55	524.80	.01	<1	178.94	264.0	<.01	674.6	<.01	<.01	<.01	1734	.09	.01	.20	<.02	<.1	<.01	<.01	<.05	<50	<.01	<.1	<.01	<50	1141.71	274.1	<50	<.01

GROUP 2C-MS - WATER SAMPLES ANALYZED BY ICP-MS. SOLUTION SAMPLES DILUTED TO BELOW 0.1% TOTAL DISSOLVED SOLID BEFORE ANALYSIS. DETECTION LIMITS ELEVATED ACCORDINGLY.
- SAMPLE TYPE: Water Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

DATE RECEIVED: JUN 12 2007 **DATE REPORT MAILED:** June 19/07

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Dilute	Ag	Al	As	Au	B	Ba	Be	Bi	Br	Ca	Cd	Ce	Cl	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Hg	Ho	In	Ir	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb
	-	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1445	1	<.05	91	<.5	<.05	<5	3.66	<.05	<.05	<5	5093	<.05	.71	1	.03	<.5	.01	.3	.14	.07	.05	47	<.05	.16	<.05	<.02	.1	.02	<.01	<.05	408	1.56	.1	.01	746	1.16	<.1	1559	.01
1446	1	<.05	268	<.5	<.05	<5	11.40	.06	<.05	8	7843	.17	3.85	2	.12	1.0	.05	9.5	.30	.13	.11	269	.09	.40	<.05	<.02	.1	.05	<.01	<.05	824	3.57	.6	.02	1231	22.16	.1	2128	.01
1447	1	<.05	334	<.5	<.05	<5	6.75	<.05	<.05	5	4409	<.05	5.26	<1	.08	<.5	.08	.7	.30	.14	.13	233	.09	.41	<.05	.02	<.1	.05	<.01	<.05	400	3.74	1.2	.02	832	11.44	.1	1471	.02
1448	1	<.05	157	<.5	<.05	<5	4.95	<.05	<.05	<5	5382	<.05	1.90	<1	.06	.7	.02	.4	.21	.10	.09	236	<.05	.29	<.05	.02	<.1	.04	<.01	<.05	402	3.07	.3	.01	1133	6.49	.1	1443	<.01
1449	1	<.05	48	<.5	<.05	<5	9.81	<.05	<.05	<5	9328	.06	3.52	<1	.08	.9	.01	22.2	.30	.15	.12	145	<.05	.42	<.05	<.02	<.1	.05	<.01	<.05	683	4.35	.4	.02	1082	75.54	.1	1464	<.01
1450	1	<.05	306	<.5	<.05	<5	6.29	<.05	<.05	<5	6288	<.05	1.39	<1	.07	.6	.03	1.0	.12	.05	.03	169	.08	.13	<.05	<.02	<.1	.02	<.01	<.05	462	.93	.5	.01	807	9.97	.1	1282	.01
1451	1	<.05	213	<.5	<.05	<5	6.32	<.05	<.05	<5	3180	.13	2.31	<1	.05	.5	.05	2.0	.25	.14	.08	180	<.05	.29	<.05	.03	<.1	.05	<.01	<.05	560	2.19	.3	.02	588	7.51	.1	1060	.01
1452	1	<.05	56	<.5	<.05	<5	4.71	<.05	<.05	<5	5815	.06	.21	<1	.03	.5	.01	3.4	.05	.04	.02	44	<.05	.06	<.05	<.02	<.1	.01	<.01	<.05	611	.53	.2	.01	666	6.18	.2	1556	.01
1454	1	<.05	183	<.5	<.05	<5	9.30	<.05	<.05	<5	9723	<.05	1.21	<1	.05	1.1	.02	1.2	.18	.11	.06	154	<.05	.23	<.05	.02	<.1	.04	<.01	<.05	760	1.39	.6	.02	2287	7.18	.1	1591	.02
1455	1	<.05	224	<.5	<.05	<5	11.70	<.05	<.05	<5	9317	<.05	1.50	<1	.30	1.3	.02	.8	.12	.06	.04	307	.06	.15	<.05	<.02	<.1	.02	<.01	<.05	797	1.01	.4	.01	1819	126.97	.1	1828	.01
1457	1	<.05	191	<.5	<.05	<5	9.23	<.05	<.05	<5	5250	<.05	3.72	<1	.40	1.3	<.01	1.4	.20	.11	.07	547	<.05	.24	<.05	.04	<.1	.04	<.01	<.05	508	1.66	.3	.02	840	142.15	<.1	1457	.01
1458	1	<.05	27	<.5	<.05	<5	10.79	<.05	<.05	<5	21555	<.05	.13	<1	.11	2.6	<.01	1.1	.02	.01	.01	356	<.05	.03	<.05	<.02	<.1	<.01	<.01	<.05	1039	.13	1.6	<.01	4546	59.12	.6	3054	<.01
1460	1	<.05	53	<.5	<.05	<5	3.49	<.05	<.05	<5	5567	<.05	.20	<1	.02	.5	.01	.6	.06	.02	.02	37	<.05	.07	<.05	<.02	<.1	.01	<.01	<.05	467	.51	.2	<.01	637	4.97	.2	1417	<.01
1462	1	<.05	82	<.5	<.05	<5	4.13	<.05	<.05	<5	3272	<.05	.33	<1	.04	.5	<.01	.8	.10	.05	.03	192	<.05	.12	<.05	.02	<.1	.02	<.01	<.05	486	.93	.5	.01	917	3.17	.2	2060	.01
1465	1	<.05	40	<.5	<.05	<5	2.95	<.05	<.05	<5	3849	<.05	.19	<1	<.02	<.5	<.01	.2	.12	.07	.03	16	<.05	.16	<.05	<.02	<.1	.02	<.01	<.05	490	1.04	.8	.01	711	.33	.2	1942	<.01
RE 1465	1	<.05	39	<.5	<.05	<5	3.09	<.05	<.05	<5	3878	<.05	.20	<1	.02	<.5	<.01	.2	.14	.07	.03	16	<.05	.16	<.05	<.02	<.1	.02	<.01	<.05	494	1.05	.8	.01	728	.34	.2	2005	<.01
1466	1	<.05	109	<.5	<.05	<5	4.91	<.05	<.05	<5	2587	<.05	.59	<1	.03	<.5	<.01	.3	.09	.04	.03	39	<.05	.10	<.05	.02	<.1	.01	<.01	<.05	384	.72	.7	.01	591	.94	.1	1642	<.01
STANDARD WASTWATERD1	1	405.52	1522	521.0	<.05	1600	626.26	686.67	<.05	11	54	542.78	.01	<1	185.57	273.0	<.01	733.5	<.01	<.01	<.01	1844	.08	<.01	<.05	<.02	<.1	<.01	<.01	<.05	<50	<.01	<.1	<.01	<50	1123.65	290.6	<50	.01

Sample type: Water. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9001 Accredited Co.)
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GEOCHEMICAL ANALYSIS CERTIFICATE

Fox Geological Consultants PROJECT KET File # A703725 Page 1 (b)

3800 No. 7 Road, Richmond BC V6V 1R4 Submitted by: Peter Fox

SAMPLE#	Dilute	Nd	Ni	Os	P	Pb	Pd	Pr	Pt	Rb	Re	Rh	Ru	S	Sb	Sc	Se	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
	-	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1401	1	.23	1.3	<.05	29	.1	<.2	.05	<.01	.81	<.01	<.01	<.05	<1	<.05	4	<.5	17480	.03	<.05	100.14	<.02	.01	<.05	<.05	<10	<.01	<.01	.22	1.9	<.02	.26	.03	13.9	.46
1402	1	.89	3.9	<.05	78	.6	<.2	.20	<.01	1.01	<.01	<.01	<.05	<1	<.05	3	<.5	13358	.17	.08	91.80	<.02	.03	<.05	<.05	<10	.01	.02	.12	2.4	<.02	1.19	.11	18.6	.42
1403	1	1.44	.5	<.05	42	.4	<.2	.36	<.01	1.17	<.01	<.01	<.05	<1	<.05	2	<.5	8623	.28	<.05	31.99	<.02	.04	<.05	.11	<10	.01	.02	.34	1.6	<.02	1.21	.12	14.4	1.89
1404	1	1.92	1.3	<.05	73	.5	<.2	.45	<.01	.81	<.01	<.01	<.05	<1	<.05	2	<.5	10347	.42	<.05	23.91	<.02	.07	<.05	.10	<10	.01	.04	1.93	2.7	<.02	2.70	.24	15.5	1.90
RE 1404	1	2.18	1.5	<.05	80	.4	<.2	.47	<.01	.86	<.01	<.01	<.05	<1	<.05	2	<.5	10666	.43	<.05	25.38	<.02	.07	<.05	.11	<10	<.01	.04	2.07	2.8	<.02	2.87	.27	16.4	2.08
1405	1	1.38	.3	<.05	55	.1	<.2	.30	<.01	.41	<.01	<.01	<.05	<1	<.05	2	<.5	9437	.26	<.05	15.99	<.02	.04	<.05	<.05	<10	<.01	.02	.34	1.8	<.02	1.68	.12	11.5	.83
1406	1	1.59	2.1	<.05	315	1.2	<.2	.39	<.01	1.81	<.01	<.01	<.05	1	.08	2	<.5	10299	.30	.19	82.80	<.02	.04	<.05	.10	20	.01	.02	.86	3.3	<.02	1.42	.13	27.6	1.46
1407	1	1.08	1.8	<.05	106	.4	<.2	.26	<.01	1.10	<.01	<.01	<.05	<1	<.05	2	<.5	9202	.23	.13	36.51	<.02	.03	<.05	.16	40	.01	.01	.49	2.3	<.02	1.08	.12	15.9	1.79
1408	1	1.38	.8	<.05	34	.5	<.2	.32	<.01	.99	<.01	<.01	<.05	<1	<.05	2	<.5	8137	.25	.06	33.35	<.02	.04	<.05	.12	22	.01	.02	.32	1.1	<.02	1.49	.13	15.2	1.20
1409	1	2.26	1.3	<.05	164	.6	<.2	.52	<.01	1.20	<.01	<.01	<.05	<1	<.05	2	<.5	7379	.45	.08	42.56	<.02	.06	<.05	.07	16	.01	.03	.42	2.1	<.02	2.33	.22	22.5	1.13
1410	1	1.11	.8	<.05	90	.7	<.2	.29	<.01	1.34	<.01	<.01	<.05	<1	.07	2	<.5	7033	.22	<.05	38.48	<.02	.03	<.05	.11	24	.01	.02	.14	4.7	<.02	1.00	.10	21.5	2.20
1411	1	1.06	.7	<.05	50	.5	<.2	.25	<.01	.60	<.01	<.01	<.05	<1	<.05	2	<.5	8829	.22	<.05	29.86	<.02	.03	<.05	.08	10	<.01	.01	.10	2.3	<.02	.97	.08	13.8	1.36
1412	1	2.05	.8	<.05	129	.4	<.2	.48	<.01	2.33	<.01	<.01	<.05	<1	.07	3	<.5	11051	.42	<.05	65.74	<.02	.06	<.05	.16	18	.01	.03	.22	2.0	<.02	2.02	.20	13.0	4.05
1413	1	.68	<.2	<.05	22	.1	<.2	.14	<.01	.63	<.01	<.01	<.05	<1	<.05	2	<.5	7520	.14	<.05	38.21	<.02	.02	<.05	<.05	<10	<.01	.02	.07	.8	<.02	1.02	.09	11.6	1.10
1414	1	1.28	.3	<.05	43	.3	<.2	.30	<.01	1.34	<.01	<.01	<.05	<1	.06	2	<.5	9021	.26	.11	31.82	<.02	.04	<.05	.07	<10	.01	.02	.10	1.1	<.02	1.52	.18	14.7	1.93
1415	1	.99	.5	<.05	64	.2	<.2	.24	<.01	.70	<.01	<.01	<.05	<1	<.05	2	<.5	8334	.21	<.05	22.76	<.02	.03	<.05	.13	10	<.01	.02	.12	2.3	<.02	1.05	.11	11.6	1.97
1416	1	.35	.2	<.05	50	.1	<.2	.09	<.01	.75	<.01	<.01	<.05	<1	<.05	<1	<.5	2210	.08	<.05	9.97	<.02	.01	<.05	<.05	<10	<.01	<.01	.04	.2	<.02	.31	.03	12.1	.38
1417	1	1.22	.8	<.05	103	.5	<.2	.31	<.01	1.38	<.01	<.01	<.05	<1	<.05	2	<.5	6941	.21	<.05	27.93	<.02	.03	<.05	.27	22	.01	.02	.38	3.1	<.02	.89	.10	14.0	1.99
1418	1	.95	.3	<.05	95	.1	<.2	.24	<.01	1.32	<.01	<.01	<.05	<1	<.05	2	<.5	9068	.17	.07	38.12	<.02	.02	<.05	.11	13	.01	.01	.12	.8	<.02	.82	.10	13.0	2.04
1419	1	.39	<.2	<.05	23	.1	<.2	.09	<.01	.54	<.01	<.01	<.05	<1	<.05	2	<.5	12624	.07	<.05	57.92	<.02	.01	<.05	<.05	<10	<.01	.01	.09	.7	<.02	.53	.05	12.1	.46
1420	1	.74	2.3	<.05	118	.1	<.2	.18	<.01	1.92	<.01	<.01	<.05	<1	.06	2	<.5	9607	.15	<.05	33.57	<.02	.02	<.05	.24	12	.01	.01	.31	2.6	<.02	.65	.07	16.8	2.72
1421	1	.71	.2	<.05	43	.5	<.2	.19	<.01	.72	<.01	<.01	<.05	4	<.05	4	<.5	15323	.13	<.05	762.46	<.02	.02	<.05	.09	13	<.01	.01	2.38	.8	<.02	1.18	.07	14.8	.13
1422	1	.81	<.2	<.05	65	.2	<.2	.17	<.01	1.72	<.01	<.01	<.05	1	<.05	2	<.5	8349	.16	<.05	114.45	<.02	.02	<.05	.07	<10	.01	.01	.12	.6	<.02	.90	.06	14.0	.72
1423	1	.60	1.1	<.05	85	.2	<.2	.14	<.01	2.22	<.01	<.01	<.05	1	.06	2	<.5	9371	.12	2.34	120.94	<.02	.01	<.05	.09	<10	.01	.01	2.00	1.6	<.02	.56	.06	19.2	1.18
1424	1	.45	<.2	<.05	<20	.1	<.2	.11	<.01	1.17	<.01	<.01	<.05	<1	<.05	3	<.5	12655	.07	<.05	113.75	<.02	.01	<.05	<.05	<10	<.01	<.01	.33	.8	<.02	.26	.02	11.4	.34
1429	1	.84	.4	<.05	26	.2	<.2	.22	<.01	.78	<.01	<.01	<.05	<1	<.05	2	<.5	7704	.15	.10	29.42	<.02	.02	<.05	<.05	<10	<.01	.01	.29	<.2	<.02	.49	.05	15.8	.25
1431	1	.87	.2	<.05	<20	.1	<.2	.22	<.01	.66	<.01	<.01	<.05	<1	<.05	2	<.5	6530	.15	<.05	29.21	<.02	.02	<.05	.10	<10	<.01	.01	.42	<.2	<.02	.51	.05	14.3	.62
1433	1	.66	<.2	<.05	<20	.1	<.2	.16	<.01	.26	<.01	<.01	<.05	<1	<.05	2	<.5	8059	.14	<.05	23.02	<.02	.02	<.05	.06	<10	<.01	.01	.51	<.2	<.02	.58	.06	13.7	.16
1434	1	.92	.3	<.05	35	.3	<.2	.22	<.01	.65	<.01	<.01	<.05	<1	<.05	2	<.5	8983	.16	<.05	42.70	<.02	.02	<.05	<.05	<10	<.01	.01	.91	.2	<.02	.69	.08	21.4	.15
1435	1	.62	.5	<.05	22	.2	<.2	.15	<.01	.50	<.01	<.01	<.05	<1	.06	2	<.5	9898	.11	.09	44.77	<.02	.01	<.05	<.05	<10	<.01	.01	.46	<.2	<.02	.46	.05	14.4	.23
1436	1	7.43	<.2	<.05	23	.6	<.2	1.94	<.01	.66	<.01	<.01	<.05	<1	<.05	2	<.5	9150	1.38	<.05	34.91	<.02	.14	<.05	.06	11	<.01	.06	3.45	.5	<.02	4.09	.37	15.1	.28
1440	1	1.59	.5	<.05	31	.3	<.2	.37	<.01	1.62	<.01	<.01	<.05	<1	.08	1	<.5	4792	.28	.10	78.95	<.02	.04	<.05	.09	<10	.01	.02	.70	.3	<.02	1.30	.10	17.6	.51
1442	1	1.29	<.2	<.05	37	.2	<.2	.31	<.01	1.07	<.01	<.01	<.05	<1	<.05	1	<.5	5401	.24	<.05	52.57	<.02	.03	<.05	.11	<10	<.01	.01	.58	.4	<.02	.88	.09	14.2	.78
1443	1	1.56	.6	<.05	40	.6	<.2	.40	<.01	1.58	<.01	<.01	<.05	<1	.06	1	<.5	5162	.27	<.05	69.24	<.02	.03	<.05	.12	<10	.01	.01	.67	.5	.02	1.05	.10	21.3	.40
1444	1	2.26	<.2	<.05	49	.2	<.2	.59	<.01	1.55	<.01	<.01	<.05	<1	<.05	1	<.5	4765	.36	<.05	45.34	<.02	.04	<.05	.23	<10	.01	.02	1.03	.4	.03	1.23	.10	13.0	.60
STANDARD WASTWATERD1	1	<.01	521.3	<.05	<20	150.8	10.4	<.01	<.01	.01	<.01	<.01	<.05	<1	128.66	<1	1065.0	104	<.02	.06	88.82	<.02	<.01	<.05	<.05	<10	591.89	<.01	<.02	251.3	.07	<.01	<.01	454.4	.05

GROUP 2C-MS - WATER SAMPLES ANALYZED BY ICP-MS. SOLUTION SAMPLES DILUTED TO BELOW 0.1% TOTAL DISSOLVED SOLID BEFORE ANALYSIS. DETECTION LIMITS ELEVATED ACCORDINGLY.
- SAMPLE TYPE: Water Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

DATE RECEIVED: JUN 12 2007 **DATE REPORT MAILED:** Jun 19/07

BRITISH COLUMBIA CERTIFIED ASSAYER
Clarence Leong

SAMPLE#	Dilute	Nd	Ni	Os	P	Pb	Pd	Pr	Pt	Rb	Re	Rh	Ru	S	Sb	Sc	Se	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
	-	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1445	1	1.36	<.2	<.05	<20	<.1	<.2	.37	<.01	.97	<.01	<.01	<.05	<1	<.05	1	<.5	5038	.21	<.05	60.05	<.02	.02	<.05	.12	<10	<.01	.01	.54	<.2	<.02	.76	.07	14.6	.48
1446	1	2.78	2.1	<.05	36	.7	<.2	.75	<.01	1.34	<.01	<.01	<.05	<1	<.05	1	<.5	5085	.47	.06	94.27	<.02	.06	<.05	.09	<10	.01	.03	.98	.2	.06	1.63	.15	24.9	.31
1447	1	3.11	.4	<.05	58	1.5	<.2	.85	<.01	1.16	<.01	<.01	<.05	<1	.08	1	<.5	4598	.57	<.05	53.54	<.02	.05	<.05	.39	<10	.01	.02	.83	<.2	.04	1.58	.13	102.6	.57
1448	1	2.30	.3	<.05	<20	.1	<.2	.63	<.01	.85	<.01	<.01	<.05	<1	<.05	1	<.5	5063	.38	<.05	87.92	<.02	.04	<.05	.19	<10	<.01	.01	.56	<.2	<.02	1.03	.08	13.0	.54
1449	1	3.40	<.2	<.05	<20	.4	<.2	.93	<.01	.88	<.01	<.01	<.05	<1	<.05	1	<.5	4425	.51	<.05	118.23	<.02	.05	<.05	.15	<10	<.01	.02	.35	<.2	<.02	1.67	.12	18.0	.29
1450	1	.79	<.2	<.05	<20	.1	<.2	.21	<.01	1.06	<.01	<.01	<.05	<1	<.05	1	<.5	5394	.11	<.05	65.49	<.02	.02	<.05	.11	<10	<.01	.01	.19	<.2	.05	.58	.05	15.1	.46
1451	1	1.85	.4	<.05	22	.2	<.2	.51	<.01	1.23	<.01	<.01	<.05	<1	<.05	1	<.5	4478	.35	.08	30.09	<.02	.05	<.05	.23	<10	<.01	.02	.71	<.2	<.02	1.52	.13	14.7	.70
1452	1	.51	.3	<.05	<20	.2	<.2	.13	<.01	1.58	<.01	<.01	<.05	<1	<.05	1	<.5	4565	.09	<.05	53.61	<.02	.01	<.05	<.05	<10	<.01	<.01	.26	<.2	<.02	.36	.02	12.8	.40
1454	1	1.24	<.2	<.05	<20	.1	<.2	.32	<.01	1.21	<.01	<.01	<.05	<1	<.05	1	<.5	5014	.23	<.05	102.69	<.02	.03	<.05	.14	<10	<.01	.01	.39	<.2	<.02	1.29	.10	12.8	.74
1455	1	.96	.2	<.05	23	.1	<.2	.23	<.01	1.32	<.01	<.01	<.05	<1	<.05	1	<.5	4982	.18	<.05	90.78	<.02	.02	<.05	.07	<10	<.01	.01	.13	<.2	.03	.74	.06	15.1	.29
1457	1	1.47	.7	<.05	24	.2	<.2	.38	<.01	.88	<.01	<.01	<.05	<1	<.05	2	<.5	6051	.26	<.05	50.79	<.02	.03	<.05	.27	<10	<.01	.02	.15	.5	<.02	1.16	.12	21.8	1.44
1458	1	.13	<.2	<.05	<20	<.1	<.2	.03	<.01	1.11	<.01	<.01	<.05	<1	<.05	1	<.5	5172	.03	<.05	281.99	<.02	<.01	<.05	<.05	<10	<.01	<.01	.86	<.2	<.02	.14	.01	9.5	.11
1460	1	.47	.7	<.05	<20	<.1	<.2	.12	<.01	1.37	<.01	<.01	<.05	<1	<.05	1	<.5	4674	.08	<.05	48.79	<.02	.01	<.05	.06	<10	<.01	<.01	.24	<.2	<.02	.33	.03	10.9	.43
1462	1	.90	.2	<.05	<20	<.1	<.2	.23	<.01	.68	<.01	<.01	<.05	<1	<.05	2	<.5	7205	.18	<.05	33.64	<.02	.02	<.05	.08	<10	<.01	.01	.50	<.2	<.02	.52	.04	10.0	.56
1465	1	1.12	<.2	<.05	<20	<.1	<.2	.29	<.01	.91	<.01	<.01	<.05	<1	<.05	2	<.5	7703	.18	<.05	32.18	<.02	.02	<.05	.07	<10	<.01	.01	.57	<.2	<.02	.66	.07	11.9	.39
RE 1465	1	1.10	<.2	<.05	<20	<.1	<.2	.29	<.01	.91	<.01	<.01	<.05	<1	<.05	2	<.5	7668	.21	<.05	32.16	<.02	.02	<.05	.06	<10	<.01	.01	.57	<.2	<.02	.70	.06	11.9	.41
1466	1	.78	<.2	<.05	<20	<.1	<.2	.19	<.01	.81	<.01	<.01	<.05	<1	<.05	1	<.5	6366	.14	<.05	28.14	<.02	.02	<.05	.07	<10	<.01	.01	.38	<.2	<.02	.48	.05	13.5	.65
STANDARD	1	<.01	510.2	<.05	<20	161.4	10.8	<.01	<.01	.01	<.01	<.01	<.05	<1	134.38	<1	1077.6	106	<.02	<.05	93.90	<.02	<.01	<.05	<.05	<10	606.73	<.01	<.02	234.9	.07	<.01	<.01	465.6	.07

Standard is STANDARD WASTWATERD1. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9001 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Fox Geological Consultants PROJECT KET File # A703925

3800 No. 7 Road, Richmond BC V6V 1R4 Submitted by: Peter Fox

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	2.2	42	<.1	3.3	4.0	498	1.65	<.5	2.1	.7	3.8	48	<.1	<.1	.1	34	.42	.081	5	5	.59	220	.113	<20	.88	.062	.51	.1	<.01	2.9	.3	<.05	5	<.5
1425	1.1	6.8	5.4	40	<.1	12.2	7.1	315	1.27	1.1	36.8	1.5	5.4	38	.1	.1	.1	23	.14	.050	20	9	.11	57	.043	<20	.82	.006	.07	<.1	.01	2.8	.1	<.05	2	<.5
1426	.8	9.8	5.2	49	<.1	17.4	10.1	421	2.05	.8	15.3	1.6	4.3	122	.1	.1	.1	44	.38	.086	27	22	.24	81	.097	<20	1.09	.078	.11	<.1	.01	4.3	.1	<.05	4	<.5
RE 1426	.7	10.9	5.0	48	<.1	17.8	10.6	432	2.02	.6	15.2	.6	3.8	121	.1	<.1	.1	44	.40	.078	26	23	.25	79	.098	<20	1.03	.075	.12	<.1	.01	4.4	<.1	<.05	4	<.5
1430	.7	8.2	5.7	29	<.1	8.7	4.2	547	1.46	<.5	5.2	.9	4.9	27	.1	.1	.1	23	.21	.078	27	8	.17	80	.055	<20	1.03	.014	.07	.1	.02	1.8	.1	<.05	3	<.5
1432	1.2	4.0	4.7	25	<.1	5.0	3.0	277	1.33	<.5	3.1	<.5	3.9	27	<.1	<.1	.1	26	.18	.050	18	7	.14	62	.061	<20	.98	.009	.06	.1	.01	1.5	.1	<.05	3	<.5
1437	1.4	12.0	8.1	29	.2	10.2	4.0	294	1.62	.9	42.9	<.5	5.4	52	.1	<.1	.1	27	.34	.038	101	12	.20	138	.093	<20	1.93	.013	.06	.1	.03	3.7	.1	<.05	5	<.5
1441	1.6	144.1	12.2	99	.2	71.0	11.0	1342	4.77	2.8	25.2	1.7	13.1	92	.3	.1	.3	86	.72	.203	72	23	.95	232	.076	<20	3.02	.012	.40	.2	.03	9.3	.4	<.05	11	.7
1453	.1	.9	4.5	23	<.1	1.1	1.8	269	.97	<.5	.9	<.5	5.7	9	<.1	.1	.1	15	.12	.046	10	2	.16	26	.022	<20	.35	.006	.07	.5	<.01	1.0	.1	<.05	2	<.5
1456	.4	4.7	7.6	41	<.1	3.7	3.9	504	1.61	.8	2.9	6.6	5.0	30	.1	.1	.1	31	.30	.097	17	6	.25	42	.038	<20	.74	.009	.09	.2	.01	2.0	.1	<.05	3	<.5
1459	1.9	3.1	5.4	37	<.1	6.2	11.7	3406	5.56	2.4	6.4	<.5	3.3	86	.1	.1	.1	30	.37	.079	20	5	.18	129	.022	<20	.65	.009	.06	.2	.01	1.8	.1	<.05	3	<.5
1461	.5	5.2	10.5	42	<.1	3.8	3.2	538	1.86	.9	9.9	<.5	4.6	37	.1	.1	.2	30	.23	.053	27	6	.21	59	.026	<20	.99	.008	.06	.3	.02	2.1	.1	<.05	4	<.5
1463	.9	6.9	16.6	35	<.1	10.1	4.2	405	2.09	.5	11.5	<.5	6.3	57	.1	<.1	.1	33	.38	.061	39	14	.24	123	.039	<20	1.53	.009	.13	.1	.02	2.8	.1	<.05	5	<.5
1466	1.0	17.8	9.1	46	.1	13.2	3.9	636	2.09	.6	38.7	<.5	5.6	88	.2	.1	.1	30	.58	.078	118	12	.24	154	.070	<20	2.50	.013	.12	.1	.03	4.8	.2	<.05	7	.7
1467	.7	9.5	6.3	34	<.1	7.6	3.7	254	1.33	<.5	4.4	<.5	3.3	43	.1	<.1	.1	24	.28	.083	21	9	.24	64	.053	<20	.89	.013	.07	.1	.02	1.7	.1	<.05	3	<.5
STANDARD DS7	19.2	101.6	76.7	388	.8	51.9	9.1	540	2.19	53.7	5.1	59.2	4.5	77	6.6	6.4	5.2	77	.88	.074	11	172	.89	373	.099	33	.82	.082	.46	4.2	.19	2.7	4.3	.23	5	4.0

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: SILT SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ____ **DATE RECEIVED:** JUN 18 2007 **DATE REPORT MAILED:**.....

ACME ANALYTICAL LABORATORIES LTD. (ISO 9001 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Fox Geological Consultants PROJECT REN File # A704561 Page 1

3800 No. 7 Road, Richmond BC V6V 1R4 Submitted by: Peter Fox

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	.5	2.6	3.1	36	<.1	6.1	3.4	455	1.51	.5	1.3	2.4	3.5	49	<.1	.1	<.1	29	.41	.080	5	57	.56	164	.096	<20	.85	.071	.44	.1	<.01	2.6	.3	<.05	4	<.5
1468	.5	11.6	6.2	38	.2	10.0	4.8	275	1.69	2.7	.8	2.0	3.2	17	.1	.2	.1	33	.12	.070	8	13	.33	95	.058	<20	1.77	.012	.05	.2	.04	2.3	.1	<.05	5	<.5
1469	.6	13.9	5.2	33	<.1	13.2	6.2	443	1.71	3.0	1.8	2.3	3.0	31	.1	.3	.1	36	.30	.068	12	18	.44	64	.058	<20	1.11	.013	.08	.2	.02	2.8	.1	<.05	4	<.5
1470	.7	7.3	6.2	37	<.1	9.2	4.8	232	1.69	1.8	.5	1.1	2.0	28	.2	.1	.1	35	.17	.030	4	12	.32	64	.064	<20	1.59	.012	.05	.1	.02	1.5	.1	<.05	6	<.5
1471	1.2	12.6	11.2	74	.1	13.2	9.3	389	3.53	3.2	1.6	2.5	6.3	17	.3	.1	.3	50	.12	.139	12	16	.53	148	.038	<20	4.00	.008	.09	.2	.04	2.8	.1	<.05	10	<.5
1472	1.3	8.0	10.9	38	.3	5.4	4.1	217	2.23	1.9	6.3	3.5	7.9	25	.2	.1	.2	33	.17	.108	34	9	.18	68	.137	<20	4.99	.018	.03	.2	.08	4.0	.1	<.05	10	.5
1473	.9	10.1	12.6	65	.5	10.8	5.9	511	3.20	1.5	11.1	.9	9.2	46	.2	.1	.3	53	.29	.100	75	12	.36	96	.089	<20	3.89	.015	.07	.3	.07	6.7	.1	<.05	11	<.5
1474	1.4	6.2	11.5	88	.1	4.8	4.3	658	2.71	2.0	.9	22.0	7.3	18	.2	.1	.3	44	.11	.225	20	8	.22	86	.133	<20	2.91	.014	.06	.2	.05	2.9	.1	<.05	12	<.5
1475	1.1	8.0	10.7	84	.1	6.0	5.8	313	3.38	2.1	1.8	1.6	5.5	32	.2	.2	.3	52	.23	.158	10	10	.34	102	.172	<20	4.54	.014	.11	.4	.05	2.7	.1	<.05	13	.5
1476	1.3	10.1	16.8	54	.5	10.5	4.9	228	2.78	2.5	8.9	1.7	10.1	28	.1	.1	.4	37	.14	.081	29	10	.19	112	.100	<20	4.33	.013	.06	.2	.09	3.1	.1	<.05	12	<.5
1477	.6	6.0	10.1	45	.1	5.6	4.1	240	2.33	1.7	.7	1.7	3.9	35	.1	.2	.2	35	.31	.152	5	7	.26	70	.069	<20	3.41	.011	.08	.2	.04	1.9	.1	<.05	9	<.5
1478	.8	6.5	9.9	80	<.1	7.3	5.7	498	2.63	3.0	.6	1.4	4.2	17	.1	.1	.2	41	.13	.106	7	9	.39	140	.059	<20	2.48	.008	.08	.2	.02	1.8	.1	<.05	9	<.5
1479	.7	4.7	10.8	96	<.1	6.0	4.4	509	2.72	1.6	.6	2.2	6.0	20	.2	.1	.3	38	.14	.157	5	8	.28	117	.087	<20	3.12	.012	.08	.2	.03	2.0	.1	<.05	11	<.5
1480	.9	6.5	10.7	49	.1	6.2	4.3	207	2.27	2.1	1.2	2.1	3.7	13	.1	.2	.2	37	.08	.141	5	10	.21	79	.099	<20	3.06	.010	.03	.2	.03	1.9	.1	<.05	9	.5
1482	.9	5.1	11.1	81	.1	5.4	4.2	794	1.97	1.1	.8	1.2	3.9	18	.2	.1	.3	29	.13	.180	10	6	.18	100	.118	<20	3.52	.013	.05	.3	.05	1.9	.1	<.05	10	<.5
1483	1.2	8.5	17.7	86	.2	10.3	7.6	432	4.19	2.9	11.4	1.1	15.8	83	.2	.1	.4	66	.39	.096	69	14	.57	159	.152	<20	4.87	.015	.11	.2	.04	4.3	.2	<.05	15	.6
1485	1.2	6.4	11.9	27	.2	3.8	3.1	190	2.53	3.3	.8	2.6	3.9	25	.1	.2	.2	38	.18	.193	6	6	.08	64	.178	<20	6.54	.014	.03	.3	.05	1.5	<.1	<.05	15	.5
1487	1.0	5.3	13.4	30	.2	4.6	4.0	107	2.12	1.5	.8	1.7	5.1	21	.1	.1	.3	28	.12	.099	8	5	.11	53	.183	<20	4.91	.020	.03	.2	.05	1.7	<.1	<.05	14	<.5
1488	.9	14.5	10.6	83	.3	10.1	6.8	308	2.86	2.3	2.5	2.2	5.4	52	.2	.1	.2	45	.23	.118	17	13	.41	180	.101	<20	4.46	.013	.07	.2	.05	2.9	.1	<.05	10	.5
1490	1.2	8.0	14.7	46	.3	7.5	5.0	404	2.67	1.8	13.0	1.3	11.2	19	.2	.1	.3	40	.13	.172	44	11	.23	59	.166	<20	5.16	.014	.04	.2	.07	3.8	.1	<.05	11	.5
1491	1.0	6.1	10.5	46	.1	5.8	3.4	185	1.93	2.3	1.8	2.8	5.3	9	.1	.2	.2	28	.06	.129	5	7	.15	62	.142	<20	5.31	.010	.03	.3	.05	1.9	.1	<.05	11	<.5
1493	.7	5.2	11.0	54	.2	6.3	4.5	174	2.32	2.6	1.6	2.4	8.1	20	.2	.1	.3	31	.10	.115	12	7	.21	60	.120	<20	4.28	.012	.05	.3	.04	2.2	.1	<.05	10	<.5
1497	1.0	8.7	12.9	33	.7	32.5	8.3	177	2.68	1.7	8.0	2.4	7.5	35	.1	.1	.3	48	.22	.052	36	83	.50	61	.114	<20	3.40	.016	.04	.2	.08	3.9	.1	<.05	11	.6
1498	.8	5.0	14.0	41	.2	5.2	4.1	128	2.35	2.1	.8	1.3	5.6	15	.2	.2	.3	30	.08	.126	4	8	.14	57	.150	<20	4.85	.012	.04	.2	.06	1.7	.1	<.05	14	<.5
1500	.7	5.9	23.0	42	.1	5.1	3.4	181	2.46	2.6	.5	3.6	2.5	14	.2	.2	.3	46	.08	.241	5	16	.17	62	.213	<20	1.53	.011	.03	.2	.03	1.7	.1	<.05	13	.6
1502	.6	4.3	12.1	86	<.1	4.1	4.5	806	1.92	2.2	1.3	1.5	5.4	27	.2	.1	.3	29	.14	.214	8	5	.12	114	.098	<20	2.54	.013	.04	.2	.04	1.5	.1	<.05	10	<.5
1504	.4	10.3	7.4	45	<.1	102.1	13.6	395	3.02	1.0	6.9	1.3	11.0	103	.1	.1	.1	54	.69	.119	46	95	2.38	75	.125	<20	1.73	.019	.07	.2	.02	6.7	.1	<.05	6	<.5
1505	.8	6.9	11.9	32	.2	5.1	3.7	198	2.16	2.1	10.8	1.3	6.1	36	.2	.1	.2	31	.31	.145	54	7	.17	38	.162	<20	4.87	.019	.03	.2	.05	2.9	.1	<.05	12	<.5
1506	1.1	4.6	10.7	40	.1	4.3	4.1	190	2.28	1.7	1.0	1.7	3.9	37	.1	.1	.2	36	.18	.098	9	5	.18	52	.149	<20	3.84	.015	.05	.3	.04	1.9	.1	<.05	11	.5
1508	.8	7.1	9.2	72	<.1	6.9	6.2	280	3.01	1.9	1.5	.7	7.1	20	.2	.2	.2	54	.17	.151	12	9	.40	61	.131	<20	3.78	.011	.06	.2	.04	3.4	.1	<.05	11	<.5
1509	1.2	22.7	17.2	120	1.0	16.0	7.5	1013	3.73	10.3	18.7	2.1	13.9	123	.2	.2	.5	53	.56	.089	143	18	.51	235	.065	<20	4.68	.017	.15	.1	.06	7.1	.3	<.05	13	<.5
RE 1509	1.4	23.0	17.6	120	1.0	17.1	7.4	992	3.73	10.1	19.2	1.3	14.6	123	.3	.1	.5	52	.54	.092	141	18	.52	235	.065	<20	4.75	.017	.15	.1	.05	7.1	.3	<.05	13	<.5
1511	1.7	23.6	15.7	113	1.2	15.9	11.9	1314	5.15	12.7	31.6	2.8	19.2	179	.4	.3	.5	84	1.21	.229	293	22	1.08	243	.068	<20	4.15	.014	.29	.2	.08	13.0	.3	.07	13	.9
1512	1.9	7.6	11.3	52	.2	7.8	4.6	264	2.13	3.0	.8	2.0	3.0	14	.1	.2	.3	36	.08	.106	4	7	.13	88	.108	<20	2.91	.011	.03	.2	.05	2.1	<.1	<.05	10	.7
1513	3.1	7.3	10.9	39	.1	6.4	4.0	212	2.06	2.5	2.2	2.4	4.4	10	.1	.1	.2	31	.08	.097	6	8	.18	54	.083	<20	2.59	.010	.04	.2	.04	1.8	.1	<.05	8	<.5
1514	3.4	8.7	9.4	155	.3	3.3	7.7	782	4.87	2.0	1.3	130.7	6.2	21	.2	.2	.2	81	.27	.147	14	8	.55	134	.076	<20	2.46	.010	.27	.2	.03	4.8	.4	<.05	16	<.5
1516	.7	4.5	13.8	65	.2	11.1	3.9	201	1.70	1.2	.4	.8	1.9	15	.1	.1	.2	27	.10	.032	4	14	.15	93	.030	<20	1.92	.011	.05	.1	.04	1.2	.1	<.05	7	<.5
1517	1.5	6.9	9.9	50	.2	8.8	4.5	362	1.71	1.4	1.5	1.2	2.5	13	.2	.1	.2	31	.06	.031	5	10	.23	112	.048	<20	1.81	.012	.04	.2	.03	1.6	.1	<.05	7	<.5
STANDARD DS7	19.1	107.2	74.9	411	.8	54.5	9.2	624	2.36	47.4	5.3	65.6	4.5	78	6.3	6.0	4.8	81	.95	.081	12	179	1.05	371	.112	39	.96	.091	.42	3.8	.19	2.7	4.3	23	4	3.5

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

Data FA DATE RECEIVED: JUL 5 2007 DATE REPORT MAILED:.....

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	.6	2.3	2.7	39	<.1	6.0	3.6	425	1.52	<.5	1.8	<.5	3.9	47	<.1	<.1	.1	29	.39	.076	5	57	.53	156	.095	<20	.80	.068	.43	.1	<.01	2.2	.3	<.05	4	.7
1519	5.3	13.4	11.1	56	.4	12.4	5.9	1191	2.29	1.2	59.8	1.1	3.3	115	.3	.1	.2	40	.91	.057	37	17	.53	129	.028	<20	1.74	.012	.09	.3	.06	4.1	.1	.07	6	2.1
1521	1.8	14.4	11.7	64	.6	8.9	4.3	989	2.02	1.3	41.5	.9	2.2	135	.5	.1	.2	31	1.02	.077	75	10	.35	128	.017	<20	1.55	.011	.08	.3	.07	2.9	.2	.07	5	.9
1522	.7	10.5	7.5	63	<.1	10.5	7.8	582	2.56	1.7	2.1	<.5	5.5	29	.1	.1	.1	48	.33	.132	16	16	.54	95	.092	<20	1.59	.011	.13	.1	.02	2.6	.1	<.05	5	.6
1523	.3	6.2	4.8	33	<.1	6.7	4.8	349	1.61	1.5	4.1	1.3	4.0	21	<.1	.1	.1	32	.24	.077	22	12	.39	38	.040	<20	.78	.009	.07	.1	.01	1.7	.1	<.05	3	.5
1524	.4	6.9	6.7	48	<.1	9.1	5.8	368	1.79	1.0	2.2	1.3	3.8	28	.1	.1	.1	34	.25	.095	11	13	.41	76	.052	<20	1.38	.013	.06	.1	.02	1.9	.1	<.05	5	.8
1525	.9	4.2	6.2	74	<.1	5.3	6.7	423	2.29	1.4	.6	.5	2.6	15	.1	.1	.2	39	.14	.107	5	11	.29	57	.055	<20	1.54	.009	.05	.1	.02	1.4	.1	<.05	7	.5
1526	.8	5.0	12.4	58	.1	4.0	3.8	887	1.79	2.6	.6	1.5	2.3	17	.1	.1	.3	31	.13	.131	6	8	.14	90	.072	<20	1.55	.011	.04	.1	.05	1.2	.1	<.05	8	.6
1527	1.1	9.9	11.3	81	.3	6.6	4.7	363	2.59	2.6	1.5	4.0	4.5	10	.1	.1	.4	42	.09	.219	12	10	.25	73	.136	<20	3.77	.011	.06	.2	.07	2.8	.2	<.05	12	1.0
1528	.8	4.0	7.6	55	.1	6.0	5.3	336	2.00	1.9	.5	<.5	3.1	15	.1	.1	.2	37	.10	.108	5	11	.26	72	.086	<20	1.31	.008	.06	.2	.02	1.2	.1	<.05	7	<.5
1533	.8	7.9	12.5	95	.2	9.2	6.8	652	2.84	1.7	3.2	.5	4.6	33	.2	.1	.2	47	.28	.113	19	13	.53	109	.046	<20	2.31	.010	.13	.1	.03	2.3	.2	<.05	9	.7
1534	.4	5.7	6.7	54	.2	7.7	4.7	253	1.75	1.5	.8	1.2	2.6	14	.1	.1	.1	32	.11	.097	7	10	.28	82	.069	<20	2.11	.011	.04	.1	.03	1.9	.1	<.05	6	<.5
1535	.4	4.9	6.8	58	<.1	7.8	5.0	268	2.02	1.7	.9	<.5	3.2	19	.1	.1	.2	34	.15	.108	8	12	.29	45	.047	<20	1.22	.009	.04	.1	.02	1.3	.1	<.05	5	<.5
1536	1.1	2.9	16.0	75	.3	4.3	3.3	236	2.24	1.9	1.0	1.2	5.3	22	.1	.1	.3	32	.09	.125	5	5	.10	92	.122	<20	3.66	.016	.05	.3	.05	1.3	.1	<.05	12	.8
1537	1.1	4.1	14.0	79	.1	5.7	3.5	369	1.91	1.8	.9	1.5	3.7	17	.1	.1	.3	27	.09	.097	4	6	.11	79	.119	<20	2.07	.015	.05	.3	.04	1.1	.1	<.05	11	<.5
1538	.8	4.2	12.4	121	.4	3.2	4.1	720	2.25	13.6	3.3	4.7	9.9	30	.1	.2	.2	30	.21	.152	27	5	.27	90	.044	<20	2.03	.011	.10	.2	.03	2.4	.2	<.05	8	.5
1539	1.3	5.2	13.2	92	.1	24.5	6.2	386	2.41	1.6	.7	1.1	3.7	11	.1	.1	.3	42	.05	.060	4	18	.34	86	.143	<20	2.50	.012	.06	.2	.03	1.7	.1	<.05	11	<.5
1541	.6	3.6	11.4	77	<.1	4.4	3.3	259	2.01	2.0	1.9	<.5	5.6	12	.1	.1	.2	29	.08	.029	9	7	.21	58	.017	<20	1.09	.007	.06	.1	.01	1.5	.1	<.05	5	<.5
1543	.6	6.6	9.1	64	.3	7.5	4.5	231	2.14	1.3	5.8	1.0	6.3	22	.1	.1	.3	35	.10	.074	22	10	.23	87	.067	<20	2.35	.013	.05	.1	.04	1.8	.1	<.05	8	.6
1545	.6	13.1	10.3	74	.2	13.5	7.3	1087	2.34	1.4	18.1	<.5	10.0	57	.3	.1	.2	41	.29	.045	76	20	.55	99	.053	<20	1.79	.013	.08	.1	.02	3.9	.2	<.05	7	<.5
1547	.8	6.2	10.2	85	.2	6.5	4.7	607	1.91	1.8	1.2	1.0	3.8	12	.1	.1	.2	30	.09	.110	6	8	.20	105	.091	<20	2.68	.010	.05	.2	.05	1.7	.1	<.05	9	.5
1548	.4	6.3	6.4	39	<.1	6.0	3.7	291	1.51	1.0	1.1	1.0	4.3	17	.1	.1	.1	29	.15	.105	8	9	.28	85	.055	<20	1.49	.010	.05	.1	.03	1.6	.1	<.05	4	<.5
1549	.6	5.4	8.1	65	.2	6.1	4.2	515	1.71	2.2	.8	2.1	3.8	9	.1	.1	.2	28	.07	.154	4	8	.18	83	.078	<20	2.23	.011	.04	.2	.05	1.4	.1	<.05	6	.5
1551	1.0	6.7	11.0	39	.2	6.4	4.9	143	2.13	1.3	1.5	.8	3.5	11	.1	.1	.3	35	.07	.051	10	10	.17	75	.104	<20	2.34	.013	.04	.1	.05	1.8	.1	<.05	9	.5
1553	.6	8.6	6.8	66	.2	8.8	5.5	336	2.12	1.5	1.8	4.6	4.3	22	.1	.1	.2	39	.13	.055	16	14	.38	82	.054	<20	1.90	.012	.06	.1	.02	2.4	.1	<.05	7	<.5
1554	.5	8.3	10.0	80	.1	9.5	5.2	408	1.99	.7	3.0	.7	3.4	58	.2	.1	.2	36	.24	.040	20	11	.27	134	.047	<20	1.85	.016	.07	.1	.01	1.9	.1	<.05	6	<.5
1555	.7	4.6	12.4	76	.3	3.7	4.0	429	1.75	3.1	.8	1.1	2.4	7	.1	.1	.3	29	.04	.101	5	5	.10	82	.078	<20	1.90	.013	.05	.1	.05	1.4	.1	<.05	9	.7
1556	.7	7.3	11.2	55	<.1	4.2	4.2	914	1.87	1.6	1.4	1.5	3.2	40	.1	.1	.2	32	.36	.101	13	7	.27	101	.084	<20	2.07	.011	.08	.3	.06	1.8	.1	<.05	8	<.5
1557	.9	5.6	12.0	46	<.1	5.1	3.8	357	2.07	2.4	2.6	.7	5.9	15	.1	.1	.3	32	.11	.092	10	5	.16	110	.050	<20	3.11	.012	.05	.2	.07	1.9	.1	<.05	9	.6
1558	.8	3.9	7.1	30	.1	2.8	2.6	333	1.43	.7	.7	.7	1.1	8	.2	.1	.2	23	.05	.066	4	5	.10	45	.043	<20	1.34	.008	.03	.2	.04	.9	<.1	<.05	5	.7
1559	.4	6.0	4.9	22	<.1	4.7	2.7	224	1.49	1.0	.9	3.6	2.4	10	.1	.1	.1	30	.13	.067	6	7	.18	47	.030	<20	.85	.007	.04	.2	.01	1.3	.1	<.05	3	<.5
RE 1559	.2	5.9	4.7	23	<.1	4.6	2.9	222	1.47	1.2	.8	<.5	2.4	10	<.1	.1	.1	29	.12	.067	7	7	.18	48	.030	<20	.88	.007	.04	.2	.01	1.3	.1	<.05	3	<.5
1560	.7	5.8	9.1	55	<.1	5.1	5.2	751	2.18	1.1	5.2	<.5	7.8	33	.1	.1	.2	41	.36	.089	27	9	.45	74	.067	<20	1.19	.012	.16	.6	.02	3.4	.2	<.05	5	<.5
1561	.7	4.6	9.1	50	<.1	5.5	3.8	150	2.22	1.3	1.2	1.4	3.5	10	<.1	.1	.2	38	.07	.114	4	9	.17	65	.062	<20	2.16	.010	.05	.2	.04	1.7	.1	<.05	7	<.5
1563	1.1	4.0	9.6	52	<.1	4.3	4.2	311	2.01	1.4	1.6	1.1	3.5	10	.1	.1	.3	34	.07	.055	8	6	.21	70	.086	<20	1.82	.011	.06	.2	.03	1.8	.1	<.05	8	<.5
1564	.3	5.8	6.8	48	<.1	4.6	4.8	688	2.15	.8	6.2	1.1	14.5	36	.1	.1	.2	41	.39	.109	24	7	.49	49	.065	<20	.98	.015	.11	.2	.01	3.5	.2	<.05	5	<.5
1566	.7	5.7	7.6	37	<.1	4.7	3.5	353	1.87	1.5	1.1	.9	3.0	7	<.1	.1	.2	33	.04	.099	6	7	.16	56	.075	<20	2.41	.011	.04	.2	.04	1.9	.1	<.05	6	.6
1568	1.6	4.8	9.3	41	<.1	6.5	3.5	329	1.78	1.0	5.9	<.5	8.9	34	.1	.1	.2	35	.17	.037	22	9	.28	75	.046	<20	1.46	.009	.05	.2	.02	2.0	.1	<.05	5	<.5
STANDARD	19.5	113.3	68.5	418	.9	55.1	9.2	613	2.38	50.3	5.3	56.9	4.5	76	6.0	5.9	4.7	85	.96	.082	12	187	1.04	371	.116	39	.97	.093	.42	4.0	.18	2.5	4.2	.24	5	3.2

Standard is STANDARD DS7. 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	.5	1.9	2.8	43	<.1	5.8	3.6	461	1.56	<.5	1.9	1.5	3.4	49	<.1	<.1	<.1	29	.40	.078	5	59	.55	171	.098	<20	.89	.097	.48	.1	<.01	2.9	.3	<.05	4	<.5
1570	.9	4.6	8.1	43	<.1	4.6	3.5	309	1.54	2.0	.8	1.4	2.9	8	.1	.1	.2	25	.06	.087	5	6	.12	43	.079	<20	2.23	.008	.03	.2	.06	1.4	.1	<.05	7	<.5
1572	1.8	4.5	9.0	37	<.1	4.6	3.7	310	1.94	4.0	.6	2.1	2.5	17	.1	.2	.3	36	.09	.064	4	7	.14	54	.067	<20	1.39	.006	.04	.3	.03	1.0	.1	<.05	7	<.5
1573	1.3	4.3	12.7	52	<.1	4.2	3.2	344	2.07	3.0	.9	1.5	3.8	6	.1	.2	.3	31	.04	.182	4	6	.12	62	.109	<20	3.18	.009	.04	.3	.04	1.5	.1	<.05	10	<.5
1574	.8	5.3	7.0	40	<.1	3.4	2.5	470	1.40	1.5	.7	1.6	2.2	13	.2	.1	.2	25	.11	.103	6	6	.12	59	.049	<20	1.52	.011	.03	.2	.03	1.5	.1	<.05	4	<.5
1575	.8	4.1	14.3	53	.2	3.2	2.6	587	1.46	1.9	1.3	1.1	1.9	13	.1	.1	.2	27	.12	.071	6	5	.13	74	.063	<20	1.46	.009	.04	.1	.05	1.2	.1	<.05	6	<.5
1576	.3	3.3	7.9	75	<.1	4.5	4.2	587	1.88	.8	.8	.6	4.2	13	.1	.1	.1	30	.10	.058	6	6	.31	117	.076	<20	1.66	.010	.09	.1	.02	2.0	.2	<.05	7	<.5
1578	.3	3.0	7.3	45	<.1	3.7	2.7	255	1.40	.7	.6	.6	2.3	10	.1	.1	.1	23	.07	.044	4	5	.17	64	.048	<20	1.17	.007	.05	.1	.02	1.2	.1	<.05	4	<.5
1580	.2	2.1	4.6	26	<.1	2.9	1.9	172	1.23	.6	.4	<.5	1.8	12	<.1	.1	.1	21	.08	.055	4	4	.10	35	.032	<20	.81	.008	.03	.1	.02	.8	<.1	<.05	4	<.5
RE 1580	.3	1.9	4.4	25	<.1	2.9	1.9	173	1.25	.8	.4	.6	1.4	13	<.1	.1	.1	22	.07	.056	4	4	.10	34	.032	<20	.81	.007	.03	.1	.02	.9	.1	<.05	4	<.5
1582	.3	5.0	7.6	51	<.1	5.0	4.1	566	1.93	.7	2.1	<.5	10.8	19	<.1	.1	.1	32	.24	.080	20	5	.45	63	.049	<20	1.10	.018	.13	.1	.01	2.9	.2	<.05	6	<.5
1583	.6	3.5	9.1	49	<.1	3.6	3.8	642	1.98	1.1	1.5	.6	3.7	15	.1	.1	.2	33	.15	.057	7	5	.27	86	.082	<20	1.65	.006	.09	.2	.03	1.8	.2	<.05	7	<.5
1584	.3	3.9	7.1	51	<.1	7.1	6.0	644	2.37	1.1	5.3	<.5	9.1	22	.1	<.1	.1	43	.35	.117	25	11	.50	61	.069	<20	1.06	.008	.17	.1	.01	3.3	.2	<.05	5	<.5
1585	.3	3.5	6.4	41	<.1	6.1	3.4	378	1.57	1.4	.5	<.5	1.6	25	.1	.1	.1	27	.14	.114	5	7	.18	84	.049	<20	1.29	.010	.04	.2	.03	1.1	<.1	<.05	5	<.5
1586	.4	3.4	7.6	33	<.1	6.0	3.5	128	1.92	1.7	.8	1.3	3.2	6	.1	.1	.2	33	.04	.069	5	8	.12	52	.073	<20	2.38	.008	.04	.1	.02	1.6	<.1	<.05	7	<.5
1587	.5	4.8	10.7	42	<.1	4.1	3.0	598	1.45	1.9	1.0	1.3	2.5	15	.1	.2	.2	26	.16	.100	7	7	.16	76	.065	<20	1.98	.007	.04	.1	.04	1.6	.1	<.05	6	<.5
1588	.2	3.3	5.8	31	.1	5.2	3.4	248	1.47	2.2	1.6	1.0	2.1	20	.1	.1	.1	28	.12	.036	16	8	.21	87	.040	<20	1.09	.007	.04	.1	.01	1.1	.1	<.05	4	<.5
1589	.4	3.1	6.8	25	<.1	4.2	2.7	128	1.57	1.8	.6	<.5	2.1	17	.1	.1	.1	27	.10	.087	5	7	.11	62	.030	<20	1.31	.006	.04	.2	.03	1.0	<.1	<.05	5	<.5
1590	.2	3.7	5.6	43	<.1	3.2	4.0	508	2.00	2.1	1.6	1.2	11.4	24	<.1	.1	.1	34	.31	.106	32	6	.38	45	.071	<20	.82	.007	.19	.1	<.01	2.8	.2	<.05	4	<.5
1636	1.0	12.0	15.1	55	<.1	10.6	6.1	1152	2.47	1.4	30.6	<.5	10.3	62	.2	.1	.2	37	.47	.068	124	12	.30	193	.110	<20	3.57	.015	.10	.1	.04	4.3	.3	<.05	10	<.5
1638	2.1	24.6	9.9	35	.3	10.6	5.2	942	2.08	1.2	73.0	<.5	5.8	68	.3	.1	.2	32	.51	.066	182	12	.23	144	.085	<20	2.94	.014	.08	.1	.06	5.5	.2	<.05	9	1.1
1640	1.3	15.1	14.2	58	.2	11.7	4.8	806	2.51	1.5	58.4	<.5	7.8	114	.4	.1	.2	32	.89	.087	193	13	.34	245	.085	<20	4.24	.017	.13	.1	.05	5.9	.2	<.05	10	.5
1642	1.2	13.5	9.5	66	.1	11.8	6.1	777	2.91	1.1	42.6	<.5	9.4	83	.2	.1	.1	44	.71	.080	130	15	.48	180	.109	<20	3.00	.017	.19	.1	.03	5.6	.3	<.05	9	.7
1645	4.1	7.1	6.7	28	.1	5.2	3.3	525	1.18	1.0	23.3	.5	3.5	32	.1	.1	.1	21	.26	.049	40	7	.17	84	.063	<20	1.41	.010	.06	.1	.02	2.2	.1	<.05	5	<.5
STANDARD DS7	19.9	112.3	74.1	441	.8	56.3	9.0	649	2.45	51.1	5.0	58.2	4.6	77	6.5	6.7	5.0	86	.98	.083	12	197	1.06	380	.114	46	.97	.090	.46	4.2	.21	2.7	4.4	.22	5	3.7

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

Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9001 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Fox Geological Consultants PROJECT REN File # A704527 Page 1 (a)

3800 No. 7 Road, Richmond BC V6V 1R4 Submitted by: Peter Fox

SAMPLE#	Dilute	Ag	Al	As	Au	B	Ba	Be	Bi	Br	Ca	Cd	Ce	Cl	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Hg	Ho	In	Ir	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb
	-	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1481	1	<.05	219	<.5	<.05	<5	8.33	<.05	<.05	5	9463	.10	1.42	1	.09	<.5	.04	1.0	.19	.09	.07	223	.06	.27	<.05	<.02	<.1	.04	<.01	<.05	1420	1.71	.5	.01	1626	15.35	.1	2158	.01
1484	1	<.05	155	<.5	<.05	<5	6.31	<.05	<.05	5	9509	.38	.75	1	.05	<.5	.03	1.9	.22	.11	.10	89	<.05	.35	<.05	<.02	<.1	.04	<.01	<.05	1214	2.23	.2	.02	1463	6.67	.1	2352	.01
1486	1	<.05	31	<.5	<.05	<5	2.46	<.05	<.05	<5	15494	.16	.14	1	.03	8.8	.03	1.3	.07	.04	.03	25	<.05	.10	<.05	<.02	<.1	.02	<.01	<.05	869	.60	.3	.01	1507	3.95	.3	1632	<.01
1489	1	<.05	32	<.5	<.05	<5	2.94	<.05	<.05	<5	15513	<.05	.13	<1	<.02	<.5	.02	.5	.05	.02	.02	19	<.05	.06	<.05	<.02	<.1	.01	<.01	<.05	990	.49	.1	<.01	1305	8.49	.2	1324	<.01
1492	1	<.05	83	<.5	<.05	<5	17.53	<.05	<.05	6	14035	1.02	.30	3	.09	<.5	.04	6.6	.08	.04	.03	43	<.05	.11	<.05	<.02	<.1	.02	<.01	<.05	2016	.88	.1	.01	1398	4.99	.1	3470	<.01
1494	1	<.05	141	<.5	<.05	<5	5.33	<.05	<.05	<5	7128	<.05	.65	<1	.03	<.5	.02	.6	.31	.13	.13	56	<.05	.49	<.05	<.02	<.1	.05	<.01	<.05	721	3.42	.1	.02	1460	2.65	.1	1700	<.01
RE 1494	1	<.05	165	<.5	<.05	<5	5.27	<.05	<.05	<5	7185	<.05	.68	<1	.03	<.5	.02	.6	.31	.12	.13	67	<.05	.50	<.05	<.02	<.1	.05	<.01	<.05	701	3.48	.2	.02	1454	2.65	.1	1741	.01
1495	1	<.05	161	<.5	<.05	<5	4.05	<.05	<.05	<5	7134	<.05	1.31	<1	.94	3.2	.02	1.2	.40	.16	.16	61	<.05	.57	<.05	.02	<.1	.07	<.01	<.05	868	3.55	.3	.02	1094	3.03	.1	1520	<.01
1496	1	<.05	128	<.5	<.05	<5	4.76	<.05	<.05	<5	13120	<.05	1.28	<1	.04	<.5	.02	.5	.17	.08	.07	111	<.05	.24	<.05	<.02	<.1	.03	<.01	<.05	969	1.62	.3	.01	1815	8.35	.1	1799	<.01
1499	1	<.05	148	<.5	<.05	5	8.33	.06	<.05	7	14098	<.05	1.59	<1	.05	<.5	.01	.6	.22	.10	.09	109	<.05	.31	<.05	.02	<.1	.04	<.01	<.05	1810	1.90	.4	.02	1837	17.55	.2	2491	<.01
1501	1	<.05	121	<.5	<.05	<5	3.36	<.05	<.05	5	7619	<.05	1.13	<1	.04	<.5	.01	.7	.29	.13	.11	87	<.05	.43	<.05	<.02	<.1	.06	<.01	<.05	948	2.73	.2	.02	1142	2.78	.1	1560	.01
1503	1	<.05	304	<.5	<.05	<5	8.10	<.05	<.05	<5	7159	<.05	2.70	<1	.13	.5	.02	.5	.30	.13	.12	197	<.05	.39	<.05	<.02	<.1	.04	<.01	<.05	806	3.26	.3	.02	1572	7.40	.1	1723	<.01
1507	1	<.05	70	<.5	<.05	<5	6.45	<.05	<.05	<5	9667	<.05	.32	<1	.02	<.5	.01	.3	.23	.12	.10	32	<.05	.34	<.05	.02	<.1	.04	<.01	<.05	804	2.45	.1	.02	1678	8.46	.1	1747	<.01
1510	1	<.05	81	<.5	<.05	<5	4.54	<.05	<.05	<5	6905	<.05	.54	<1	.02	<.5	.01	.5	.21	.09	.08	42	<.05	.28	<.05	<.02	<.1	.03	<.01	<.05	712	2.24	.1	.01	1027	.83	.1	1665	<.01
1515	1	<.05	353	<.5	<.05	<5	11.01	<.05	<.05	<5	9917	<.05	3.99	<1	.08	<.5	.04	.5	.51	.26	.17	223	.06	.63	<.05	.02	<.1	.10	<.01	<.05	647	3.26	.2	.04	1206	14.95	.2	1242	.01
1518	1	<.05	37	<.5	<.05	<5	6.51	<.05	<.05	<5	24143	<.05	.13	<1	<.02	<.5	.01	1.0	.03	.01	<.01	28	<.05	.03	<.05	<.02	<.1	<.01	<.01	<.05	526	.12	3.6	<.01	2713	1.53	6.3	3398	<.01
1520	1	<.05	261	<.5	<.05	<5	8.99	<.05	<.05	<5	24358	<.05	.70	<1	.13	<.5	.12	.3	.11	.06	.03	243	.06	.12	<.05	<.02	<.1	.02	<.01	<.05	522	.59	4.7	.01	2839	20.83	7.2	3618	<.01
1529	1	<.05	86	<.5	<.05	<5	5.04	<.05	<.05	<5	8314	<.05	1.26	<1	.03	<.5	.01	.4	.17	.08	.07	42	<.05	.24	<.05	<.02	<.1	.03	<.01	<.05	1218	1.22	.1	.01	1147	20.26	.1	1259	<.01
1530	1	<.05	116	<.5	<.05	<5	5.19	<.05	<.05	<5	6878	<.05	.36	<1	.04	<.5	.02	.6	.10	.06	.04	116	<.05	.16	<.05	<.02	<.1	.02	<.01	<.05	556	.81	.1	.01	1187	3.43	<.1	1981	<.01
1531	1	<.05	37	<.5	<.05	<5	2.36	<.05	<.05	<5	6099	<.05	.14	<1	.03	<.5	.01	.2	.13	.07	.05	<10	<.05	.16	<.05	<.02	<.1	.02	<.01	<.05	448	.78	.2	.01	875	1.72	<.1	1481	<.01
1532	1	<.05	468	<.5	<.05	<5	9.12	<.05	<.05	<5	5899	<.05	1.60	<1	.18	<.5	.05	.6	.16	.08	.06	403	.09	.23	<.05	<.02	<.1	.03	<.01	<.05	538	1.27	.6	.01	958	19.72	.1	1560	.01
1540	1	<.05	123	<.5	<.05	<5	3.63	<.05	<.05	<5	4723	<.05	1.06	<1	.04	<.5	.01	.2	.15	.08	.06	99	<.05	.21	<.05	<.02	<.1	.03	<.01	<.05	263	1.47	.4	.01	725	3.31	.1	1366	<.01
1542	1	<.05	322	<.5	<.05	<5	5.66	.08	<.05	<5	6150	<.05	2.34	<1	.08	<.5	.05	.3	.20	.11	.07	284	.08	.24	<.05	<.02	<.1	.04	<.01	<.05	566	1.36	1.1	.02	1147	16.32	<.1	2357	.01
1544	1	<.05	262	<.5	<.05	<5	6.13	<.05	<.05	<5	4803	<.05	3.84	<1	.05	<.5	.02	.4	.21	.11	.08	185	<.05	.29	<.05	.02	<.1	.04	<.01	<.05	364	1.98	.3	.02	641	3.34	.1	1525	.01
1546	1	<.05	130	<.5	<.05	<5	6.13	<.05	<.05	<5	5839	<.05	.64	<1	.05	<.5	.02	.3	.09	.05	.03	109	<.05	.12	<.05	<.02	<.1	.02	<.01	<.05	519	.51	.9	.01	903	2.66	.1	1888	<.01
1550	1	<.05	87	<.5	<.05	<5	6.70	<.05	<.05	<5	7107	<.05	.77	<1	.06	<.5	.01	.5	.06	.04	.02	69	<.05	.08	<.05	<.02	<.1	.01	<.01	<.05	463	.46	.4	.01	861	32.57	.1	2202	<.01
1552	1	<.05	129	.6	<.05	<5	13.16	<.05	<.05	5	9317	<.05	2.69	<1	.76	<.5	.01	.8	.13	.06	.03	3823	<.05	.13	<.05	.02	<.1	.02	<.01	<.05	1108	.83	.5	.01	930	335.06	.2	2909	.01
1562	1	<.05	90	<.5	<.05	<5	5.79	<.05	<.05	<5	7624	<.05	.42	<1	.03	<.5	.02	.2	.29	.15	.09	53	<.05	.37	<.05	<.02	<.1	.05	<.01	<.05	608	2.12	.5	.02	933	3.16	<.1	1396	<.01
1565	1	.17	64	<.5	<.05	<5	5.71	<.05	<.05	<5	8330	<.05	.54	<1	.03	<.5	.01	.2	.06	.04	.02	27	<.05	.09	<.05	<.02	<.1	.01	<.01	<.05	501	.76	.8	.01	834	3.58	<.1	1804	<.01
1567	1	<.05	82	<.5	<.05	<5	5.28	<.05	<.05	<5	7550	<.05	.52	<1	.04	<.5	.01	.1	.08	.04	.03	61	<.05	.12	<.05	<.02	<.1	.02	<.01	<.05	256	.92	.5	.01	533	30.72	<.1	1142	<.01
1569	1	<.05	218	<.5	<.05	<5	10.49	<.05	<.05	<5	8027	<.05	2.23	<1	.73	<.5	.01	.5	.14	.07	.03	3306	<.05	.15	<.05	.04	<.1	.02	<.01	<.05	454	1.12	.1	.01	548	388.14	.3	1368	.01
1571	1	<.05	57	<.5	<.05	<5	3.83	<.05	<.05	<5	8497	<.05	.49	<1	.03	<.5	.04	.1	.14	.08	.06	37	<.05	.23	<.05	<.02	<.1	.03	<.01	<.05	621	1.37	.1	.01	800	12.20	.7	1273	<.01
1577	1	<.05	39	<.5	<.05	<5	25.47	<.05	<.05	12	15715	<.05	.45	<1	.83	<.5	.01	.2	.06	.04	.01	1708	.11	.08	<.05	<.02	<.1	.01	<.01	<.05	1266	.35	1.1	.01	2134	7503.34	.1	2006	<.01
1579	1	<.05	31	<.5	<.05	<5	8.28	<.05	<.05	<5	13405	<.05	.12	<1	.02	<.5	<.01	.2	.04	.02	.01	41	<.05	.06	<.05	<.02	<.1	.01	<.01	<.05	1014	.38	.6	<.01	1766	37.74	.2	2059	<.01
1581	1	<.05	87	<.5	<.05	<5	14.09	<.05	<.05	<5	19624	<.05	.40	<1	.02	<.5	.01	.1	.07	.05	.02	118	<.05	.09	<.05	<.02	<.1	.01	<.01	<.05	1678	.47	1.7	.01	3683	32.88	.2	2192	.01
STANDARD WASTWATERD1	1	360.56	1556	489.9	<.05	1580	585.68	686.01	<.05	<5	52	528.93	.01	<1	176.17	265.5	<.01	671.7	<.01	<.01	<.01	1873	.08	<.01	<.05	<.02	<.1	<.01	<.01	<.05	<50	<.01	<.1	<.01	<50	1067.68	281.0	<50	.01

GROUP 2C-MS - WATER SAMPLES ANALYZED BY ICP-MS. SOLUTION SAMPLES DILUTED TO BELOW 0.1% TOTAL DISSOLVED SOLID BEFORE ANALYSIS. DETECTION LIMITS ELEVATED ACCORDINGLY.
- SAMPLE TYPE: WATER Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

JUL 2007

Data FA **DATE RECEIVED:** JUL 5 2007 **DATE REPORT MAILED:**.....

SAMPLE#	Dilute	Ag	Al	As	Au	B	Ba	Be	Bi	Br	Ca	Cd	Ce	Cl	Co	Cr	Cs	Cu	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Hg	Ho	In	Ir	K	La	Li	Lu	Mg	Mn	Mo	Na	Nb
	-	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1618	1	<.05	35	<.5	<.05	<5	4.53	<.05	<.05	<5	8093	.69	.17	<1	.06	<.5	.01	1.6	.07	.03	.02	23	<.05	.08	<.05	<.02	<.1	.01	<.01	<.05	922	.61	.5	<.01	786	1.63	.1	1946	<.01
1635	1	<.05	95	<.5	<.05	<5	3.58	<.05	<.05	<5	3321	.28	.20	<1	.03	.7	.01	.4	.12	.05	.03	17	<.05	.14	<.05	.02	<.1	.02	<.01	<.05	491	.69	.5	.01	516	1.64	.1	1528	<.01
1637	1	<.05	31	<.5	<.05	<5	2.58	<.05	<.05	<5	3356	.13	.06	<1	.04	.9	.01	.4	.10	.06	.02	<10	<.05	.11	<.05	<.02	<.1	.02	<.01	.09	467	.58	.7	.01	761	.25	.1	1957	<.01
1639	1	<.05	146	<.5	<.05	<5	3.10	<.05	<.05	<5	2887	.61	.51	<1	.03	.7	.01	.4	.19	.09	.05	51	<.05	.24	<.05	.02	<.1	.04	<.01	<.05	455	1.43	.7	.01	600	.45	.2	1957	.01
1641	1	<.05	77	<.5	<.05	<5	3.25	<.05	<.05	<5	3834	.13	.27	<1	.03	.8	<.01	.4	.15	.07	.04	25	<.05	.18	<.05	<.02	<.1	.02	<.01	<.05	508	1.08	1.0	.01	701	.34	.2	1986	<.01
1643	1	<.05	81	<.5	<.05	<5	3.58	<.05	<.05	<5	2578	.29	.16	<1	.03	.5	<.01	2.2	.08	.04	.02	<10	<.05	.09	<.05	.02	<.1	.01	<.01	<.05	426	.54	.4	.01	520	.31	.1	1478	<.01
1644	1	<.05	47	<.5	<.05	<5	2.63	<.05	<.05	<5	2254	.12	.17	<1	.02	<.5	<.01	<.1	.04	.02	.01	16	<.05	.06	<.05	<.02	<.1	<.01	<.01	<.05	355	.21	.7	<.01	415	1.08	.5	1540	.01
STANDARD WASTWATERD1	1	356.64	1639	504.3	<.05	1704	573.77	735.16	<.05	6	67	522.23	.01	<1	184.13	284.7	<.01	729.1	<.01	<.01	<.01	1938	.10	.01	.15	<.02	<.1	<.01	<.01	<.05	<50	<.01	<.1	<.01	<50	1102.25	278.4	<50	.01

Sample type: WATER.

Data 1 FA ____

ACME ANALYTICAL LABORATORIES LTD. (ISO 9001 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Fox Geological Consultants PROJECT REN File # A704527 Page 1 (b)

3800 No. 7 Road, Richmond BC V6V 1R4 Submitted by: Peter Fox

SAMPLE#	Dilute	Nd	Ni	Os	P	Pb	Pd	Pr	Pt	Rb	Re	Rh	Ru	S	Sb	Sc	Se	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
	-	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1481	1	1.88	.4	<.05	47	.2	<.2	.48	<.01	1.93	<.01	<.01	<.05	<1	<.05	1	<.5	5388	.33	<.05	98.55	<.02	.04	<.05	.07	<10	.01	.01	.63	.6	<.02	1.12	.08	16.3	.22
1484	1	2.20	.4	<.05	21	.4	<.2	.57	<.01	1.83	<.01	<.01	<.05	<1	<.05	1	<.5	4882	.37	.06	97.32	<.02	.05	<.05	.09	<10	<.01	.01	.43	.2	<.02	1.48	.10	21.7	.44
1486	1	.63	.6	<.05	<20	.5	<.2	.14	<.01	1.75	<.01	<.01	<.05	1	<.05	1	<.5	4493	.10	.08	101.86	<.02	.01	<.05	<.05	<10	<.01	.01	.22	.2	<.02	.54	.04	17.1	.14
1489	1	.46	<.2	<.05	<20	.1	<.2	.11	<.01	2.64	<.01	<.01	<.05	1	<.05	1	<.5	3688	.07	<.05	92.26	<.02	.01	<.05	<.05	<10	<.01	.01	.25	<.2	<.02	.36	.03	13.2	.13
1492	1	.83	1.1	<.05	29	1.1	<.2	.21	<.01	3.63	<.01	<.01	<.05	1	.07	1	<.5	4392	.12	.26	106.78	<.02	.01	<.05	<.05	<10	<.01	.01	.38	.4	<.02	.53	.04	35.8	.24
1494	1	3.19	<.2	<.05	<20	.1	<.2	.85	<.01	1.11	<.01	<.01	<.05	1	<.05	1	<.5	4827	.55	.06	93.45	<.02	.06	<.05	.06	<10	<.01	.02	.61	<.2	<.02	1.71	.11	13.9	.42
RE 1494	1	3.24	<.2	<.05	<20	.1	<.2	.87	<.01	1.13	<.01	<.01	<.05	<1	<.05	1	<.5	4908	.56	.06	92.40	<.02	.06	<.05	.07	<10	<.01	.02	.60	.2	<.02	1.63	.12	13.7	.42
1495	1	3.73	.5	<.05	20	5.7	<.2	.98	<.01	1.81	<.01	<.01	<.05	1	<.05	1	<.5	4556	.66	.14	64.65	<.02	.08	<.05	.13	<10	.01	.02	.51	.2	<.02	2.09	.15	42.2	.51
1496	1	1.59	<.2	<.05	21	.1	<.2	.41	<.01	1.80	<.01	<.01	<.05	1	<.05	1	<.5	4041	.28	<.05	123.15	<.02	.04	<.05	.10	<10	<.01	.01	.34	.2	<.02	.90	.07	14.7	.22
1499	1	2.07	.3	<.05	<20	.2	<.2	.52	<.01	3.27	<.01	<.01	<.05	1	<.05	1	<.5	5911	.36	<.05	108.88	<.02	.05	<.05	.10	<10	.01	.01	.47	.4	<.02	1.27	.08	16.5	.42
1501	1	2.68	<.2	<.05	<20	.1	<.2	.68	<.01	1.84	<.01	<.01	<.05	<1	<.05	1	<.5	4405	.46	<.05	75.35	<.02	.06	<.05	.10	<10	<.01	.02	.40	.3	<.02	1.50	.12	14.2	.43
1503	1	2.83	.6	<.05	<20	.3	<.2	.81	<.01	1.30	<.01	<.01	<.05	<1	<.05	1	<.5	4821	.49	<.05	98.29	<.02	.06	<.05	.10	<10	<.01	.02	.68	.3	<.02	1.47	.13	12.5	.38
1507	1	2.37	<.2	<.05	<20	.1	<.2	.62	<.01	1.71	<.01	<.01	<.05	<1	<.05	1	<.5	4589	.41	<.05	137.26	<.02	.04	<.05	.13	<10	<.01	.02	.64	<.2	<.02	1.40	.10	15.2	.62
1510	1	2.08	<.2	<.05	<20	.1	<.2	.55	<.01	1.11	<.01	<.01	<.05	<1	<.05	1	<.5	4730	.38	<.05	89.22	<.02	.04	<.05	.06	<10	<.01	.01	.40	<.2	<.02	1.13	.09	13.4	.31
1515	1	3.72	<.2	<.05	28	.3	<.2	.96	<.01	1.44	<.01	<.01	<.05	<1	<.05	1	<.5	4350	.71	<.05	87.85	<.02	.10	<.05	.26	<10	<.01	.04	.96	<.2	<.02	2.81	.25	14.3	.73
1518	1	.11	10.4	<.05	<20	<.1	<.2	.03	<.01	1.13	<.01	<.01	<.05	2	<.05	1	<.5	4999	.03	.06	213.46	<.02	<.01	<.05	<.05	<10	<.01	<.01	6.30	<.2	<.02	.17	.02	17.2	.05
1520	1	.64	.3	<.05	37	.2	<.2	.16	<.01	1.63	<.01	<.01	<.05	2	<.05	1	<.5	5012	.12	<.05	228.50	<.02	.02	<.05	<.05	<10	<.01	.01	5.65	.3	<.02	.84	.06	15.9	.07
1529	1	1.33	<.2	<.05	<20	<.1	<.2	.35	<.01	2.31	<.01	<.01	<.05	<1	<.05	1	<.5	4377	.27	<.05	64.47	<.02	.04	<.05	.08	<10	<.01	.01	.31	<.2	<.02	.99	.09	16.9	.41
1530	1	.92	.2	<.05	<20	<.1	<.2	.22	<.01	1.41	<.01	<.01	<.05	<1	<.05	1	<.5	4815	.16	<.05	68.10	<.02	.02	<.05	.07	<10	<.01	.01	.43	<.2	<.02	.71	.06	15.2	.42
1531	1	.98	<.2	<.05	<20	<.1	<.2	.23	<.01	.86	<.01	<.01	<.05	<1	<.05	1	<.5	5193	.19	<.05	60.70	<.02	.02	<.05	<.05	<10	<.01	.01	.50	<.2	<.02	.83	.07	10.8	.25
1532	1	1.32	.3	<.05	32	.2	<.2	.32	<.01	1.27	<.01	<.01	<.05	<1	<.05	1	<.5	5717	.24	<.05	58.90	<.02	.03	<.05	.06	14	<.01	.01	.52	.3	<.02	1.04	.08	20.3	.35
1540	1	1.38	.2	<.05	<20	<.1	<.2	.36	<.01	.52	<.01	<.01	<.05	<1	<.05	1	<.5	5042	.25	<.05	61.36	<.02	.03	<.05	.10	<10	<.01	.01	.48	<.2	<.02	.79	.07	11.8	.34
1542	1	1.46	.2	<.05	<20	.2	<.2	.38	<.01	.89	<.01	<.01	<.05	<1	<.05	1	<.5	5712	.27	<.05	87.26	<.02	.03	<.05	.15	<10	<.01	.02	.69	<.2	<.02	1.10	.09	16.6	.15
1544	1	1.87	.5	<.05	<20	.1	<.2	.53	<.01	1.15	<.01	<.01	<.05	<1	<.05	1	<.5	4979	.35	<.05	57.52	<.02	.04	<.05	.35	<10	<.01	.02	.96	<.2	<.02	1.08	.11	17.0	.71
1546	1	.63	<.2	<.05	<20	<.1	<.2	.15	<.01	.63	<.01	<.01	<.05	<1	<.05	1	<.5	5455	.12	<.05	64.20	<.02	.02	<.05	<.05	<10	<.01	.01	.15	<.2	<.02	.59	.06	15.5	.08
1550	1	.45	<.2	<.05	21	<.1	<.2	.12	<.01	1.40	<.01	<.01	<.05	<1	<.05	1	<.5	5227	.10	<.05	79.30	<.02	.01	<.05	.07	<10	<.01	.01	.26	<.2	<.02	.43	.04	16.1	.44
1552	1	.82	.3	<.05	69	<.1	<.2	.21	<.01	2.82	<.01	<.01	<.05	<1	<.05	2	<.5	8716	.15	.06	81.66	<.02	.02	<.05	.17	<10	<.01	.01	.18	.8	<.02	.65	.07	20.4	.65
1562	1	2.33	<.2	<.05	<20	<.1	<.2	.59	<.01	2.27	<.01	<.01	<.05	<1	<.05	1	<.5	4898	.42	<.05	63.31	<.02	.05	<.05	.14	<10	<.01	.02	.60	<.2	<.02	1.79	.12	13.8	.49
1565	1	.55	<.2	<.05	<20	<.1	<.2	.17	<.01	1.52	<.01	<.01	<.05	<1	<.05	1	<.5	5123	.09	<.05	68.97	<.02	.01	<.05	.14	<10	<.01	.01	.69	<.2	<.02	.41	.04	13.2	.48
1567	1	.90	<.2	<.05	<20	<.1	<.2	.26	<.01	.75	<.01	<.01	<.05	<1	<.05	1	<.5	4648	.15	<.05	60.75	<.02	.02	<.05	.07	<10	<.01	.01	.27	<.2	<.02	.51	.06	16.7	.25
1569	1	1.04	.3	<.05	21	<.1	<.2	.29	<.01	1.84	<.01	<.01	<.05	<1	<.05	1	<.5	5439	.19	<.05	70.84	<.02	.03	<.05	.24	<10	<.01	.01	.24	1.9	<.02	.73	.07	14.9	1.09
1571	1	1.48	<.2	<.05	<20	<.1	<.2	.37	<.01	1.20	<.01	<.01	<.05	<1	<.05	1	<.5	4454	.26	<.05	74.33	<.02	.03	<.05	.08	<10	<.01	.01	.71	<.2	<.02	.98	.07	12.6	.25
1577	1	.38	.3	<.05	55	<.1	<.2	.08	<.01	2.22	<.01	<.01	<.05	<1	<.05	2	<.5	6867	.07	.07	186.02	<.02	.01	<.05	.06	<10	.01	<.01	.04	<.2	<.02	.41	.03	18.8	.20
1579	1	.39	<.2	<.05	<20	<.1	<.2	.10	<.01	2.36	<.01	<.01	<.05	<1	<.05	1	<.5	6095	.08	<.05	131.73	<.02	.01	<.05	<.05	<10	<.01	<.01	.33	<.2	<.02	.30	.03	17.5	.20
1581	1	.46	<.2	<.05	<20	<.1	<.2	.12	<.01	1.85	<.01	<.01	<.05	<1	<.05	1	<.5	6196	.10	<.05	196.07	<.02	.01	<.05	<.05	<10	<.01	.01	.95	<.2	<.02	.48	.05	13.1	.36
STANDARD	1	<.01	519.3	<.05	<20	153.1	9.9	<.01	<.01	<.01	<.01	<.01	<.05	<1	127.40	<1	1042.6	115	<.02	<.05	87.78	<.02	<.01	<.05	<.05	<10	543.53	<.01	<.02	259.1	.07	.01	<.01	433.8	.06

Standard is STANDARD WASTWATERD1.

GROUP 2C-MS - WATER SAMPLES ANALYZED BY ICP-MS. SOLUTION SAMPLES DILUTED TO BELOW 0.1% TOTAL DISSOLVED SOLID BEFORE ANALYSIS. DETECTION LIMITS ELEVATED ACCORDINGLY.

- SAMPLE TYPE: WATER Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 1 FA ____ DATE RECEIVED: JUL 5 2007 DATE REPORT MAILED:.....

SAMPLE#	Dilute	Nd	Ni	Os	P	Pb	Pd	Pr	Pt	Rb	Re	Rh	Ru	S	Sb	Sc	Se	Si	Sm	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W	Y	Yb	Zn	Zr
	-	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1618	1	.52	<.2	<.05	<20	.1	<.2	.15	<.01	2.63	<.01	<.01	<.05	<1	<.05	1	<.5	5160	.11	.22	60.05	<.02	.01	<.05	.07	<10	<.01	<.01	.30	<.2	<.02	.45	.03	13.7	.32
1635	1	.85	<.2	<.05	<20	<.1	<.2	.21	<.01	1.21	<.01	<.01	<.05	<1	<.05	1	<.5	6913	.18	<.05	28.58	<.02	.02	<.05	.09	<10	<.01	.01	.35	<.2	<.02	.59	.06	8.6	.52
1637	1	.78	<.2	<.05	<20	<.1	<.2	.19	<.01	1.08	<.01	<.01	<.05	<1	<.05	1	<.5	7596	.14	<.05	35.87	<.02	.02	<.05	.06	<10	<.01	.01	.39	<.2	.02	.55	.05	5.6	.40
1639	1	1.70	<.2	<.05	<20	<.1	<.2	.42	<.01	.93	<.01	<.01	<.05	<1	<.05	2	<.5	8137	.30	<.05	29.03	<.02	.03	<.05	.17	<10	<.01	.01	.68	<.2	<.02	.99	.10	8.9	.64
1641	1	1.21	<.2	<.05	<20	<.1	<.2	.31	<.01	.91	<.01	<.01	<.05	<1	<.05	2	<.5	8145	.22	<.05	34.69	<.02	.03	<.05	.13	<10	<.01	.01	.66	<.2	<.02	.76	.08	9.2	.52
1643	1	.64	<.2	<.05	<20	<.1	<.2	.17	<.01	1.30	<.01	<.01	<.05	<1	<.05	1	<.5	6257	.12	<.05	24.36	<.02	.01	<.05	.10	<10	<.01	.01	.29	<.2	<.02	.46	.04	7.7	.58
1644	1	.31	<.2	<.05	<20	<.1	<.2	.08	<.01	.56	<.01	<.01	<.05	<1	<.05	1	<.5	7176	.07	<.05	23.72	<.02	.01	<.05	<.05	<10	<.01	<.01	.24	<.2	<.02	.19	.02	7.8	.14
STANDARD WASTWATERD1	1	.01	523.9	<.05	<20	149.1	10.2	<.01	<.01	.01	<.01	<.01	<.05	<1	129.10	<1	1055.0	117	<.02	.06	88.41	<.02	<.01	<.05	<.05	<10	552.57	<.01	<.02	253.8	.06	.01	<.01	459.2	.07

Sample type: WATER.

Data C FA ____

APPENDIX II

SAMPLE DATA

UTM Coordinates given in NAD 83 Zone 11

APPENDIX II
SAMPLE DATA
REN CLAIMS 2007

Sample	UTMN	UTME	Wpt	Property	Type	Sampler	Material	Horizon	Colour	Topo	Rmx
1441	5536642	382030	70	Ren	Silt	Fox	Silt		Bn	Hillside	Ren 1
1453	5536554	383648	82	Ren	Silt	Fox	Silt		Bn	Hillside	Ren 1
1456	5536020	383507	85	Ren	Silt	Fox	Silt		Bn	Hillside	Ren 1
1459	5534957	383549	88	Ren	Silt	Fox	Silt		Bn	Hillside	Ren 1
1461	5536480	383636	90	Ren	Silt	Fox	Silt		Bn	Hillside	Ren 1
1504	5536864	382464	430	Ren	Silt	AM	Silt	B	Bn	Hillside	Ren
1511	5537093	382945	437	Ren	Silt	AM	Silt	B	Bn	Hillside	Ren
1519	5537519	383739	445	Ren	Silt	AM	Silt		Bn	Creek	Ren
1521	5537443	383694	447	Ren	Silt	AM	Silt		Bn	Creek	Ren
1543	5536325	382553	469	Ren	Silt	AM	Silt		Bn	Creek	Ren
1583	5535473	384155	509	Ren	Silt	AM	Silt		Bn	Hillside	Ren
1468	5537629	382803	394	Ren	Soil	AM		B	Bn	Hillside	Ren
1469	5537562	382687	395	Ren	Soil	AM		B	Bn	Hillside	Ren
1470	5537516	382585	396	Ren	Soil	AM		B	Bn	Hillside	Ren
1471	5537470	382489	397	Ren	Soil	AM		B	Bn	Hillside	Ren
1472	5537428	382391	398	Ren	Soil	AM		B	Bn	Hillside	Ren
1473	5537344	382290	399	Ren	Soil	AM		B	Bn	Hillside	Ren
1474	5537255	382186	400	Ren	Soil	AM		B	Bn	Hillside	Ren
1475	5537154	382103	401	Ren	Soil	AM		B	Bn	Hillside	Ren
1476	5537041	382041	402	Ren	Soil	AM		B	Bn	Hillside	Ren
1477	5536918	381988	403	Ren	Soil	AM		B	Bn	Hillside	Ren
1478	5536810	381966	404	Ren	Soil	AM		B	Bn	Hillside	Ren
1479	5536908	382069	405	Ren	Soil	AM		B	Bn	Hillside	Ren
1480	5537009	382158	406	Ren	Soil	AM		B	Bn	Hillside	Ren
1482	5537143	382220	408	Ren	Soil	AM		B	Bn	Hillside	Ren
1483	5537198	382274	409	Ren	Soil	AM		B	Bn	Hillside	Ren
1485	5537250	382401	411	Ren	Soil	AM		B	Bn	Hillside	Ren
1487	5537289	382483	413	Ren	Soil	AM		B	Bn	Hillside	Ren
1488	5537284	382601	414	Ren	Soil	AM		B	Bn	Hillside	Ren
1490	5537204	382502	416	Ren	Soil	AM		B	Bn	Hillside	Ren
1491	5537103	382479	417	Ren	Soil	AM		B	Bn	Hillside	Ren
1493	5536988	382428	419	Ren	Soil	AM		B	Bn	Hillside	Ren
1497	5536903	382392	423	Ren	Soil	AM		B	Bn	Hillside	Ren
1498	5536777	382358	424	Ren	Soil	AM		B	Bn	Hillside	Ren
1500	5536848	382411	426	Ren	Soil	AM		B	Bn	Hillside	Ren
1502	5536896	382494	428	Ren	Soil	AM		B	Bn	Hillside	Ren
1505	5536964	382603	431	Ren	Soil	AM		B	Bn	Hillside	Ren
1506	5537000	382697	432	Ren	Soil	AM		B	Bn	Hillside	Ren
1508	5537077	382749	434	Ren	Soil	AM		B	Bn	Hillside	Ren

Sample	UTMN	UTME	Wpt	Property	Type	Sampler	Material	Horizon	Colour	Topo	Rmx
1509	5537105	382953	435	Ren	Soil	AM		B	Bn	Hillside	Ren
1512	5537256	383044	438	Ren	Soil	AM		B	Bn	Hillside	Ren
1513	5537340	383242	439	Ren	Soil	AM		B	Bn	Hillside	Ren
1514	5537423	383402	440	Ren	Soil	AM		B	Bn	Hillside	Ren
1516	5537493	383570	442	Ren	Soil	AM		B	Bn	Hillside	Ren
1517	5537520	383747	443	Ren	Soil	AM		B	Bn	Hillside	Ren
1522	5536710	382011	448	Ren	Soil	AM		B	Bn	Hillside	Ren
1523	5536541	381914	449	Ren	Soil	AM		B	Bn	Hillside	Ren
1524	5536411	381890	450	Ren	Soil	AM		B	Bn	Hillside	Ren
1525	5536298	381737	451	Ren	Soil	AM		B	Bn	Hillside	Ren
1526	5536192	381570	452	Ren	Soil	AM		B	Bn	Hillside	Ren
1527	5536227	381379	453	Ren	Soil	AM		B	Bn	Hillside	Ren
1528	5536041	381324	454	Ren	Soil	AM		B	Bn	Hillside	Ren
1533	5536496	382070	459	Ren	Soil	AM		B	Bn	Hillside	Ren
1534	5536511	382278	460	Ren	Soil	AM		B	Bn	Hillside	Ren
1535	5536480	382481	461	Ren	Soil	AM		B	Bn	Hillside	Ren
1536	5536610	382582	462	Ren	Soil	AM		B	Bn	Hillside	Ren
1537	5536715	382753	463	Ren	Soil	AM		B	Bn	Hillside	Ren
1538	5536774	382923	464	Ren	Soil	AM		B	Bn	Hillside	Ren
1539	5536639	382795	465	Ren	Soil	AM		B	Bn	Hillside	Ren
1541	5536508	382659	467	Ren	Soil	AM		B	Bn	Hillside	Ren
1545	5536156	382441	471	Ren	Soil	AM		B	Bn	Hillside	Ren
1547	5536035	382359	473	Ren	Soil	AM		B	Bn	Hillside	Ren
1548	5535828	382328	474	Ren	Soil	AM		B	Bn	Hillside	Ren
1549	5535624	382443	475	Ren	Soil	AM		B	Bn	Hillside	Ren
1551	5535398	382361	477	Ren	Soil	AM		B	Bn	Hillside	Ren
1553	5536790	383126	479	Ren	Soil	AM		B	Bn	Hillside	Ren
1554	5536859	383317	480	Ren	Soil	AM		B	Bn	Hillside	Ren
1555	5536930	383504	481	Ren	Soil	AM		B	Bn	Hillside	Ren
1556	5536903	383646	482	Ren	Soil	AM		B	Bn	Hillside	Ren
1557	5536702	383640	483	Ren	Soil	AM		B	Bn	Hillside	Ren
1558	5536488	383686	484	Ren	Soil	AM		B	Bn	Hillside	Ren
1559	5536286	383636	485	Ren	Soil	AM		B	Bn	Hillside	Ren
1560	5536098	383642	486	Ren	Soil	AM		B	Bn	Hillside	Ren
1561	5536209	383759	487	Ren	Soil	AM		B	Bn	Hillside	Ren
1563	5536380	383931	489	Ren	Soil	AM		B	Bn	Hillside	Ren
1564	5536494	384090	490	Ren	Soil	AM		B	Bn	Hillside	Ren
1566	5536661	384225	492	Ren	Soil	AM		B	Bn	Hillside	Ren
1568	5536797	384372	494	Ren	Soil	AM		B	Bn	Hillside	Ren

Sample	UTMN	UTME	Wpt	Property	Type	Sampler	Material	Horizon	Colour	Topo	Rmx
1570	5536945	384362	496	Ren	Soil	AM		B	Bn	Hillside	Ren
1572	5537100	384207	498	Ren	Soil	AM		B	Bn	Hillside	Ren
1573	5536755	384458	499	Ren	Soil	AM		B	Bn	Hillside	Ren
1574	5536876	384597	500	Ren	Soil	AM		B	Bn	Hillside	Ren
1575	5536691	384626	501	Ren	Soil	AM		B	Bn	Hillside	Ren
1576	5535897	383694	502	Ren	Soil	AM		B	Bn	Hillside	Ren
1578	5535711	383730	504	Ren	Soil	AM		B	Bn	Hillside	Ren
1580	5535537	383792	506	Ren	Soil	AM		B	Bn	Hillside	Ren
1582	5535465	383949	508	Ren	Soil	AM		B	Bn	Hillside	Ren
1584	5535444	384369	510	Ren	Soil	AM		B	Bn	Hillside	Ren
1585	5536022	383536	511	Ren	Soil	AM		B	Bn	Hillside	Ren
1586	5535868	383355	512	Ren	Soil	AM		B	Bn	Hillside	Ren
1587	5535698	383334	513	Ren	Soil	AM		B	Bn	Hillside	Ren
1588	5535490	383286	514	Ren	Soil	AM		B	Bn	Hillside	Ren
1589	5535321	383187	515	Ren	Soil	AM		B	Bn	Hillside	Ren
1590	5535094	383185	516	Ren	Soil	AM		B	Bn	Hillside	Ren
1440	5536639	382029	69	Ren	Water	Fox					Ren 1
1442	5536434	381860	71	Ren	Water	Fox					Ren 1
1443	5536468	382016	72	Ren	Water	Fox					Ren 1
1444	5536510	382358	73	Ren	Water	Fox					Ren 1
1445	5536474	382475	74	Ren	Water	Fox					Ren 1
1446	5536508	382525	75	Ren	Water	Fox					Ren 1
1447	5536623	382596	76	Ren	Water	Fox					Ren 1
1448	5536686	382710	77	Ren	Water	Fox					Ren 1
1449	5536773	382953	78	Ren	Water	Fox					Ren 1
1450	5536932	383484	79	Ren	Water	Fox					Ren 1
1451	5536775	383667	80	Ren	Water	Fox					Ren 1
1452	5536544	383655	81	Ren	Water	Fox					Ren 1
1454	5536185	383597	83	Ren	Water	Fox					Ren 1
1455	5536020	383510	84	Ren	Water	Fox					Ren 1
1457	5535734	383325	86	Ren	Water	Fox					Ren 1
1458	5534957	383547	87	Ren	Water	Fox					Ren 1
1460	5536481	383635	89	Ren	Water	Fox					Ren 1
1481	5536998	382166	407	Ren	Water	AM				Seep	Ren
1484	5537184	382259	410	Ren	Water	AM				Creek	Ren
1486	5537255	382415	412	Ren	Water	AM				Seep	Ren
1489	5537254	382544	415	Ren	Water	AM				Seep	Ren
1492	5537118	382460	418	Ren	Water	AM				Seep	Ren
1494	5536975	382445	420	Ren	Water	AM				Seep	Ren

Sample	UTMN	UTME	Wpt	Property	Type	Sampler	Material	Horizon	Colour	Topo	Rmx
1495	5536922	382397	421	Ren	Water	AM				Seep	Ren
1496	5536887	382372	422	Ren	Water	AM				Seep	Ren
1499	5536781	382340	425	Ren	Water	AM				Seep	Ren
1501	5536846	382424	427	Ren	Water	AM				Seep	Ren
1503	5536865	382464	429	Ren	Water	AM				Creek	Ren
1507	5537005	382695	433	Ren	Water	AM				Seep	Ren
1510	5537106	382939	436	Ren	Water	AM				Creek	Ren
1515	5537426	383407	441	Ren	Water	AM				Seep	Ren
1518	5537517	383747	444	Ren	Water	AM				Creek	Ren
1520	5537441	383693	446	Ren	Water	AM				Seep	Ren
1529	5536250	381472	455	Ren	Water	AM				Seep	Ren
1530	5536176	381638	456	Ren	Water	AM				Seep	Ren
1531	5536243	381706	457	Ren	Water	AM				Seep	Ren
1532	5536296	381781	458	Ren	Water	AM				Seep	Ren
1540	5536574	382744	466	Ren	Water	AM				Seep	Ren
1542	5536483	382643	468	Ren	Water	AM				Seep	Ren
1544	5536358	382575	470	Ren	Water	AM				Seep	Ren
1546	5536150	382441	472	Ren	Water	AM				Seep	Ren
1550	5535854	382346	476	Ren	Water	AM				Seep	Ren
1552	5535706	382406	478	Ren	Water	AM				Seep	Ren
1562	5536334	383882	488	Ren	Water	AM				Seep	Ren
1565	5536489	384079	491	Ren	Water	AM				Seep	Ren
1567	5536650	384176	493	Ren	Water	AM				Seep	Ren
1569	5536807	384351	495	Ren	Water	AM				Seep	Ren
1571	5536964	384359	497	Ren	Water	AM				Seep	Ren
1577	5535911	383649	503	Ren	Water	AM				Creek	Ren
1579	5535611	383760	505	Ren	Water	AM				Seep	Ren
1581	5535508	383794	507	Ren	Water	AM				Creek	Ren
1618	5535467	384055	596	Ren	Water	AM				Creek	Ren

APPENDIX II
REN PROPERTY
RD 200 SOIL GAS DATA

ID	UTM N	UTM E	Bg	C1m	C2m	C3m	C1	C2	C3	ratio	Av CPM	Radon	Net Radon	Stn
79785	5537599	382787	2	37	36	28	35	34	26	0.7	32	30.68	21.6	517
79786	5537541	382593	3	16	17	21	13	14	18	1.4	15	21.24	15.72	518
79787	5537477	382406	2	19	8	5	17	6	3	0.2	9	3.54	-1.25	520
79788	5537341	382264	2	6	7	28	4	5	26	6.5	12	30.68	22.86	521
79789	5537180	382118	0	4	2	3	4	2	3	0.8	3	3.54	1.89	523
79790	5536994	382024	2	38	14	11	36	12	9	0.3	19	10.62	-0.57	524
79791	5536909	382064	5	18	18	13	13	13	8	0.6	11	9.44	6.7	525
79792	5537080	382191	3	43	23	19	40	20	16	0.4	25	18.88	6.72	526
79793	5537225	382305	0	5	3	1	5	3	1	0.2	3	1.18	0.13	528
79794	5537281	382478	2	12	5	5	10	3	3	0.3	5	3.54	0.17	530
79795	5537227	382570	5	62	39	21	57	34	16	0.3	36	18.88	5.42	531
79796	5537069	382448	2	8	4	5	6	2	3	0.5	4	3.54	1.21	533
79797	5536889	382373	2	27	17	14	25	15	12	0.5	17	14.16	6.74	535
79798	5536811	382393	2	41	19	14	39	17	12	0.3	23	14.16	2.62	536
79799	5536932	382546	2	8	2	1	6	0	-1	-0.2	2	-1.18	-2.91	537
79800	5537026	382721	2	45	30	27	43	28	25	0.6	32	29.5	16.09	539
79801	5537113	382903	2	30	15	9	28	13	7	0.3	16	8.26	0.73	542
79802	5537229	383005	1	7	4	2	6	3	1	0.2	3	1.18	-0.21	543
79803	5537288	383185	3	32	20	14	29	17	11	0.4	19	12.98	5.15	544
79804	5537406	383376	3	100	42	29	97	39	26	0.3	54	30.68	2.12	546
79805	5537489	383563	0	145	46	41	145	46	41	0.3	77	48.38	1.09	548
79806	5537488	383734	3	20	10	15	17	7	12	0.7	12	14.16	6.9	551
79807	5536251	381714	4	25	25	29	21	21	25	1.2	22	29.5	21.33	553
79808	5536189	381572	4	31	17	21	27	13	17	0.6	19	20.06	9.77	555
79809	5536257	381423	4	17	11	11	13	7	7	0.5	9	8.26	3.91	557
79810	5536743	382025	0	16	10	6	16	10	6	0.4	11	7.08	2.98	558
79811	5536506	381912	1	8	9	6	7	8	5	0.7	7	5.9	4.53	560
79812	5536432	381921	3	6	9	0	3	6	-3	-1.0	2	-3.54	-1.71	561
79813	5536489	382112	1	22	19	10	21	18	9	0.4	16	10.62	6.45	562
79814	5536514	382310	4	43	17	12	39	13	8	0.2	20	9.44	-2.14	563
79815	5536492	382501	1	11	8	3	10	7	2	0.2	6	2.36	0.58	565
79816	5536623	382597	2	30	10	13	28	8	11	0.4	16	12.98	2.61	566
79817	5536716	382761	1	68	33	19	67	32	18	0.3	39	21.24	3.12	568
79818	5536787	382936	3	117	42	28	114	39	25	0.2	59	29.5	-4.53	570
79819	5536785	383121	5	25	19	13	20	14	8	0.4	14	9.44	4.64	571
79820	5536874	383315	0	66	36	29	66	36	29	0.4	44	34.22	14.31	572

79821	5536938	383506	4	20	16	21	16	12	17	1.1	15	20.06	13.19	573
79822	5536911	383644	4	58	18	5	54	14	1	0.0	23	1.18	-13.01	574
79823	5536694	383642	2	63	37	39	61	35	37	0.6	44	43.66	22.65	575
79824	5536484	383663	1	20	24	21	19	23	20	1.1	21	23.6	18.3	576
79825	5536293	383607	1	33	28	17	32	27	16	0.5	25	18.88	11.68	578
79826	5536109	383533	2	13	7	12	11	5	10	0.9	9	11.8	6.56	580
79827	5535958	383454	3	20	12	11	17	9	8	0.5	11	9.44	4.06	582
79828	5535795	383349	2	37	22	28	35	20	26	0.7	27	30.68	17.12	583
79829	5535607	383261	4	19	18	20	15	14	16	1.1	15	18.88	13.3	585
79830	5535415	383236	4	25	23	13	21	19	9	0.4	16	10.62	6.77	586
79831	5535226	383182	3	21	16	11	18	13	8	0.4	13	9.44	5	587
79832	5536066	383636	4	15	10	7	11	6	3	0.3	7	3.54	0.79	588
79833	5535872	383669	0	34	11	8	34	11	8	0.2	18	9.44	-1.08	589
79834	5535689	383718	1	69	33	25	68	32	24	0.4	41	28.32	8	590
79835	5535514	383774	3	16	9	4	13	6	1	0.1	7	1.18	-1.63	593
79836	5535454	383957	2	25	25	17	23	23	15	0.7	20	17.7	12.59	594
79837	5535440	384172	4	34	36	18	30	32	14	0.5	25	16.52	12.22	597
79838	5535451	384357	2	109	67	57	107	65	55	0.5	76	64.9	32.27	598
79839	5536208	383777	3	51	42	27	48	39	24	0.5	37	28.32	17.04	599
79840	5536347	383898	3	43	31	13	40	28	10	0.3	26	11.8	4.06	601
79841	5536494	384038	6	43	37	28	37	31	22	0.6	30	25.96	16.48	603
79842	5536686	384233	3	40	23	27	37	20	24	0.6	27	28.32	14.7	605
79843	5535400	382365	0	19	19	16	19	19	16	0.8	18	18.88	13.54	606
79844	5535623	382436	4	50	19	24	46	15	20	0.4	27	23.6	6.56	607
79845	5535868	382346	5	44	33	34	39	28	29	0.7	32	34.22	20.93	608
79846	5536067	382358	3	18	15	18	15	12	15	1.0	14	17.7	11.79	610
79847	5536219	382495	1	10	12	10	9	11	9	1.0	10	10.62	8.29	612
79848	5536514	382655	0	45	19	30	45	19	30	0.7	31	35.4	16.88	615
79849	5536655	382799	3	50	31	24	47	28	21	0.4	32	24.78	11.25	616
79850	5536732	382972	1	32	9	11	31	8	10	0.3	16	11.8	0.72	618

UTM 11 NAD 83

APPENDIX II
SCINTILLOMTER SURVEY
GR110
COUNTS PER SECOND

ID	UTM E	UTM N	CPS
9447	382028.7	5536639	248
9449	382474.7	5536473	224
9450	382596.6	5536621	203
9451	382712.4	5536684	179
9452	382954.5	5536770	164
9453	383481.7	5536934	186
9454	383666.7	5536775	186
9455	383654.6	5536542	144
9456	383595.8	5536182	134
9457	383649.4	5535909	107
9458	383761.8	5535605	183
9459	383633.8	5536481	140
9460	383882.8	5536336	290
9461	382017.5	5536462	192
9476	383277.9	5537365	250
9478	383170.5	5537259	194
9480	383042.1	5537190	174

APPENDIX III

EDA RD200 EMANOMETER

SPECIFICATIONS

RD-200
Portable Radon Detector

EDA

APPENDIX V

Application

The RD-200 is an indispensible uranium survey instrument which may be used alone, or in combination with other geochemical and geophysical techniques in a well integrated exploration program. Used at either a detailed or reconnaisance level, it is capable of defining specific targets for drilling or trenching, or locating broad areas of interest for further investigation. Since it is extremely sensitive to the presence of minute amounts of Uranium and Thorium, it is a valuable technique used to establish lithogic boundaries, locate fault and fracture patterns, outline potential economic geothermal sources, and detect other economic mineral deposits such as fluorite and heavy beach sands.

On the detailed level, the RD-200 is utilized to determine Radon and Thoron in soil-gas. The procedure is simple and rapid; one operator commonly samples 40-70 stations per day. In this application, a needle bar is driven 30 cm into the ground and then withdrawn slowly. Immediately the probe is inserted and soil-gas is pumped manually into the counting cell. Three sequential one minute counts are initiated and recorded. The resulting data may then later be reduced to uniquely determine the Radon-222 and the Thoron present at the sample site. In certain areas, deeper samples may be taken using the optional Deep Soil Probe.

On a broader scale, water and/or sediment samples are collected and returned to the base camp for rapid processing. The water samples are simply degassed using the optional portable RDU-200 Degassing System and the Radon content is measured in the RD-200. Soils and sediments may require the addition of water and a short period of time to allow Radium and Radon to reach equilibrium before degassing. This technique is used extensively with excellent results in deep sedimentary basins to delineate areas for more extensive detailed investigations.

In either mode of operation, the project manager has complete control over the survey and can alter the program as data accumulates. Fill-in stations may be added to further define anomalies, and grids extended to follow-up interesting zones.

Description

Radon geochemistry is a proven analytical technique which specifically indicates the presence of Uranium. Unlike conventional gamma ray scintillometry, it offers the opportunity to "see" into the third dimension due to the mobility of radon and its precursors in the geological environment.

Of the various techniques available to determine Radon, the RD-200, based on design specifications set forth by the Geological Survey of Canada, offers several technical advantages and conveniences not found in competitive systems. Foremost are the absolute differentiation and quantitative determination of Radon-222, and Radon-220 (Thoron), in the sample, as well as the direct determination of Radium-226 present in water and soil or sediment samples. Other features include exceptional sensitivity over a broad dynamic range, reliable accuracy, complete portability, on-site survey control, rapid sampling and economy of operation.

The RD-200 is a field portable state-the-art electronic instrument which measures alpha particle emissions from the decay of isotopic radon in gas phase. It employs a silver activa Zinc Sulphide phosphor coated cel

RD-200
Portable Radon Detector

Specifications

Isotopes Measured	Radon-222, half life 3.82 days, sixth member of the Uranium-238 decay series. Radon-220 (Thoron), half life 54.5 seconds, fifth member of the Thorium-232 decay series. Radium-226, half life 1,622 years, immediate precursor of Rn-222. Radon daughters.
Detector System	ZnS(Ag) scintillator cell coupled to a 30mm diameter photomultiplier tube. PMT amplification 1 x 10^7. High voltage supply internally adjustable ±1% at nominal 600 volts.
Cell	Volume, 170cc. Surface area of phosphor, 14,350mm^2. Dimensions, 53mm diameter x 73mm high.
Sensitivity to Radon as Daughters Accumulate	1.2 cpm/pc after one minute. 2.2 cpm/pc after ten minutes. 4.0 cpm/pc after one hour.
Efficiency of ZnS(Ag)	Empirically determined to be approximately 33-35%.
Electronics	High specification, low power consumption all solid state C/MOS logic circuitry.
Counting System	Integrating linear counter, capacity 99999 counts. Switch selectable counting periods: Manual, 1, 2, 5, 10, 30 and 60 minutes.
Display	Five digit LED, first 4 digits automatically switched off after 10 seconds to conserve batteries.
Calibration	Against standard (Radium) test cell provided, adjusted internally to less than ± 5%.
Power Supply	Internal, 8 "C" cells (alkaline). External, any 10-24V DC source.
Battery Life	30 days under average field conditions.
Operating Temperature	-30°C to +40°C.
Dimensions	
Console	127 x 165 x 280mm (5" x 6.5" x 11")
Shipping (System)	610 x 610 x 355mm (24" x 24" x 14")
Weights	
Console	2.7kg (6 lbs.)
System	3.2kg (7 lbs.)
Shipping (System)	9.0kg (20 lbs.)
Standard System Components	Detector Console, Test Cell, 5 Soil-Gas Cells, 5 Cell Caps, 14" Probe/Pump, 8 "C" Cell Batteries, Flat Cap with Two Swagelok Connectors, and Instruction Manual.
Options and Accessories	RDU-200 Radon Degassing System. RDX-356 Heavy Duty 29" Soil Probe. RDX-700 External Battery Pack for cold weather operations. RDX-703/4 Battery Charger to be used with rechargeable NiCad batteries. Input either 110V AC, 60 Hz or 240V AC, 50 Hz. RDX-706/7 External AC/DC Power Supply Converter. RDM-225 Audio Alarm, indicates end of counting period.

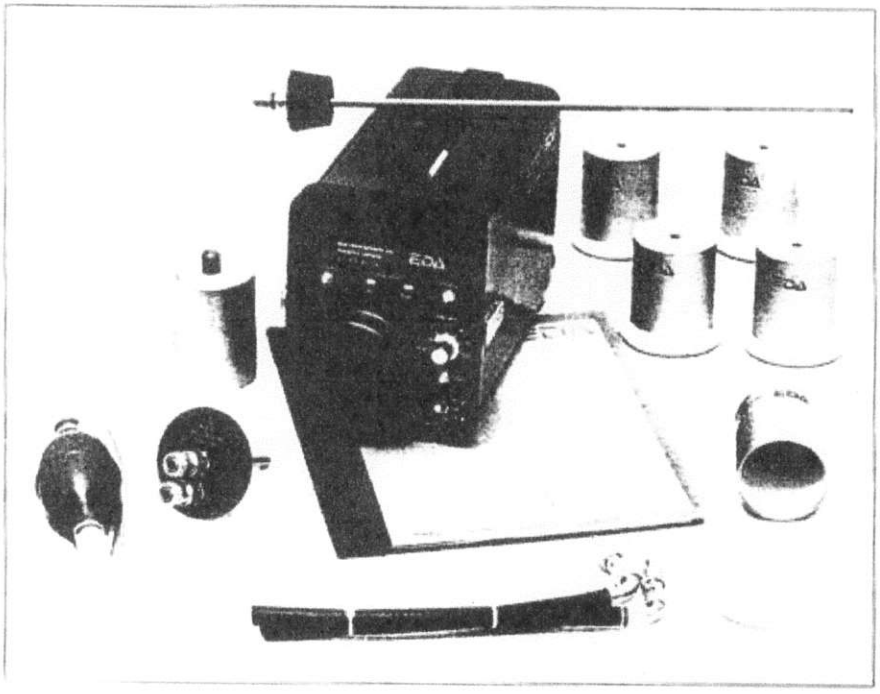
RD-200
Portable Radon Detector

EDA

which because of its optimized geometry and intrinsic scintillation properties is highly sensitive to alpha particles in the 5.5MeV energy range. Each scintillation within the cell is converted to an electronic charge and amplified by a specially selected photomultiplier tube, and then is stored in memory for recall on a five digit LED display. Automatic and manual timing of the counting period allows total operator control over the resulting statistical accuracy. Stable C/MOS logic circuitry ensures consistently reliable results, and low power consumption.

Features

- Accurately determines Radon, Thoron and Radium in soil-gas, snow, water or sediments.
- Detects deeply buried Uranium mineralization.
- Flexible — system permits full survey control by project manager by daily up-dating of field results.
- Portable and simple to operate — only one technician required.
- Fast — average sampling rate 40-70 stations per day.
- Used on both the reconnaisance and detailed exploration level.
- Most cost effective Radon detection system available.
- Extremely sensitive — measures to the sub picocurie/liter level.
- Versatile — may be used for geologic mapping, geothermal, fluorite and heavy beach sand exploration.
- Lightweight and rugged — reliable under extreme field conditions.
- Low power consumption C/MOS logic circuitry prolongs battery life.
- High efficiency ZnS(Ag) phosphor specific for alpha radiation.
- Optimized cell dimensions — 170cc volume with over 14,000mm² of detector surface area.
- Five digit LED display ensures wide dynamic range.
- Wide, switch selectable counting range — from 1 to 60 minutes automatic or manual.
- Photomultiplier tube protected against accidental exposure to strong light.
- Backed by service oriented and experienced technical staff.



APPENDIX IV

GEOMETRICS GR 110 SCINTILLOMETER

SPECIFICATIONS

GR-110
Gamma-Ray Scintillometer

General

The GR-110 is a rugged, lightweight and portable scintillometer designed for the field geologist who requires the accuracy of a digital display, and large crystal volume for reliable statistics. Even under low light conditions, readings are easily visible on the large four digit Liquid Crystal display (LCD). In high sensitivity mode (0.08 to 3.0MeV) total counts are obtained at either 1 or 10 second intervals. For work where ground cover is highly variable, a 0.4 to 3.0MeV total count mode, "HE," provides significant geological information since the low energy portion of the spectrum is subject to the largest variations in Compton scatter absorption. The HE mode can also handle the high count rates found in drill core and mine face analysis applications.

Special calibration is not required to maintain high accuracy. The GR-110 uses digital counting and display of incoming radiation levels. All units are factory calibrated and are highly stable so that relative readings from unit to unit can be compared, or readings made at different times can be plotted on the same basis.

Features

* Large internal crystal provides high sensitivity.
* Versatile data collection with 2 energy thresholds & 2 accumulation periods.
* Adjustable audio threshold.
* Audio level proportional to rate.
* Calibration test source.
* Large 4-digit LCD display for easy viewing.
* Small size and lightweight: 1.5kg.
* Rugged and watertight case.
* Efficient power provides over 100 hours operation on two "D" cell batteries.
* Adjustable leather carrying case.

The small size and rugged construction of the GR-110, combined with its accuracy, ease of use, and operational features, make it a useful and advanced field portable scintillometer.

Terraplus Inc.
52 West Beaver Cr. Rd. #12, Richmond Hill, ON. Canada L4B 1L9
Tel: 905-764-5505
Fax: 905-764-8093
Email: sales@terraplus.ca
Website: www.terraplus.ca

Specifications

Rotary Switch Controls:

- Battery check/display test
- 1 second accumulate: 0.08MeV - 3.0MeV
- 10 seconds accumulate: 0.08MeV - 3.0MeV
- 1 second accumulate: 0.40MeV - 3.0MeV

Conversion Factors for Cesium:

- Range 1/10 (- B/G)-
- 1 cps = 0.14 x 10-3 mR/Hr
  = 1.25 x 10-3, µSv/Hr
- Range HE (- B/G)
- 1 cps = 0.36 x 10-3 mR/Hr
  = 3.23 x 10 3, µSv/Hr

Temperature Ranges:

- Operating -25°C to 50°C
- Storage: -30°C to 70°C

Audio Frequency Control:	Allows output tone to be range adjusted. Increases in count rate results in an increase in audio frequency
Internal Crystal:	1.5 x 1.5 x 2.0 inch (4.5 cubic inches) square cross section Nal (TI) detector with PMT, magnetic shield, and shock mounting Display: Liquid crystal type (LCD), 0.5 x 2.0" 4-digit, displays a maximum value of 9999cps
Audio Output:	Audio (adjustable threshold tone proportional to rate) via high efficiency loudspeaker
Time Constants:	Audio: 0.5 seconds for 0 to 2,500cps change
Construction:	Hardened aluminum lmm thick case
Dimensions:	Approximately 5.3 x 12.4 x 21cm
Weight:	1.5 kg
Power:	Two "D" Cells- 100 hours (Alkaline at 15°C)
Alarm:	Low battery alarm via audio and flashing display Signal alarm if threshold is exceeded.

Standard Components

GR-110 gamma-ray scintillometer, leather case with belt clip and shoulder strap, test source, two "D" cell batteries, PVC storage case, and instruction manual.

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