ASSESSMENT REPORT

on

SOIL GEOCHEMISTRY

SPIRIT DREAM PROPERTY

Wild Horse River area
Fort Steele Mining Division

TRIM 82G.063 & 073
602000 E 5516000 N

Owner and Operator
Ruby Red Resources
Suite 207 239 - 12th Ave SW
Calgary, Alberta, T2R 1H6

by
Peter Klewchuk, P. Geo.

October, 2006

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LIST OF ILLUSTRATIONS

1.00 INTRODUCTION

1.10 Location and Access

The Spirit Dream property is located in the Fort Steele Mining Division approximately 25 km northeast of Cranbrook, B.C., within the Wild Horse River drainage (Fig. 1). Access is via forestry roads on either side of the Wild Horse River and logging roads which cross parts of the claim block.

1.20 Property

The Spirit Dream property includes Tenures 515884, 515885, 515887, 515888,530862, 535380, 535381, 535382, 535383 and 536399 (Fig. 2). The claims are owned by or under option to Ruby Red Resources Inc. of Calgary, Alberta.

1.30 Physiography

The Spirit Dream property is located east of the Rocky Mountain Trench and within the Wild Horse River drainage in the Hughes Range of the Rocky Mountains. Topography is moderate to steep with mainly wooded and locally rocky slopes. Elevation ranges from 1060 to 2060 meters. Forest cover includes mainly pine, fir and larch. Parts of the claim block have been logged and are in various stages of regeneration.

1.40 History

Old workings are present on the claim block north of the Wild Horse River. In 2002 a program of prospecting and rock geochemistry was conducted on the claims (Rodgers and Kennedy, 2002; AR 26976) with anomalous gold detected at a number of localities. In 2003 contour soil geochemistry in the northern part of the property outlined anomalous gold geochemistry (Klewchuk, 2003, AR 27254). In 2004, D.L. Pighin mapped the southern part of the property (Pighin, 2004, AR 27505) and in 2005 additional contour soil geochemistry was completed (Kennedy & Klewchuk, 2006, AR 28268).

1.50 Purpose of Survey

In 2006 additional contour soil geochemistry was completed in the south portion of the claim block to evaluate areas of favorable alteration and quartz veining previously located by prospecting. In addition 6 grid lines were surveyed in the Spirit Creek area in the northern part of the claim block as a follow-up on previous favourable soil geochem results.

2.00 GEOLOGY

The area of the Spirit Dream property has been most recently mapped by Hoy (1979) and is entirely underlain by the Aldridge and Creston Formations, the lowermost units of the mesoproterozoic Purcell Supergroup. Both formations are of fine-grained clastic rocks including mudstone, siltstone and quartzite.

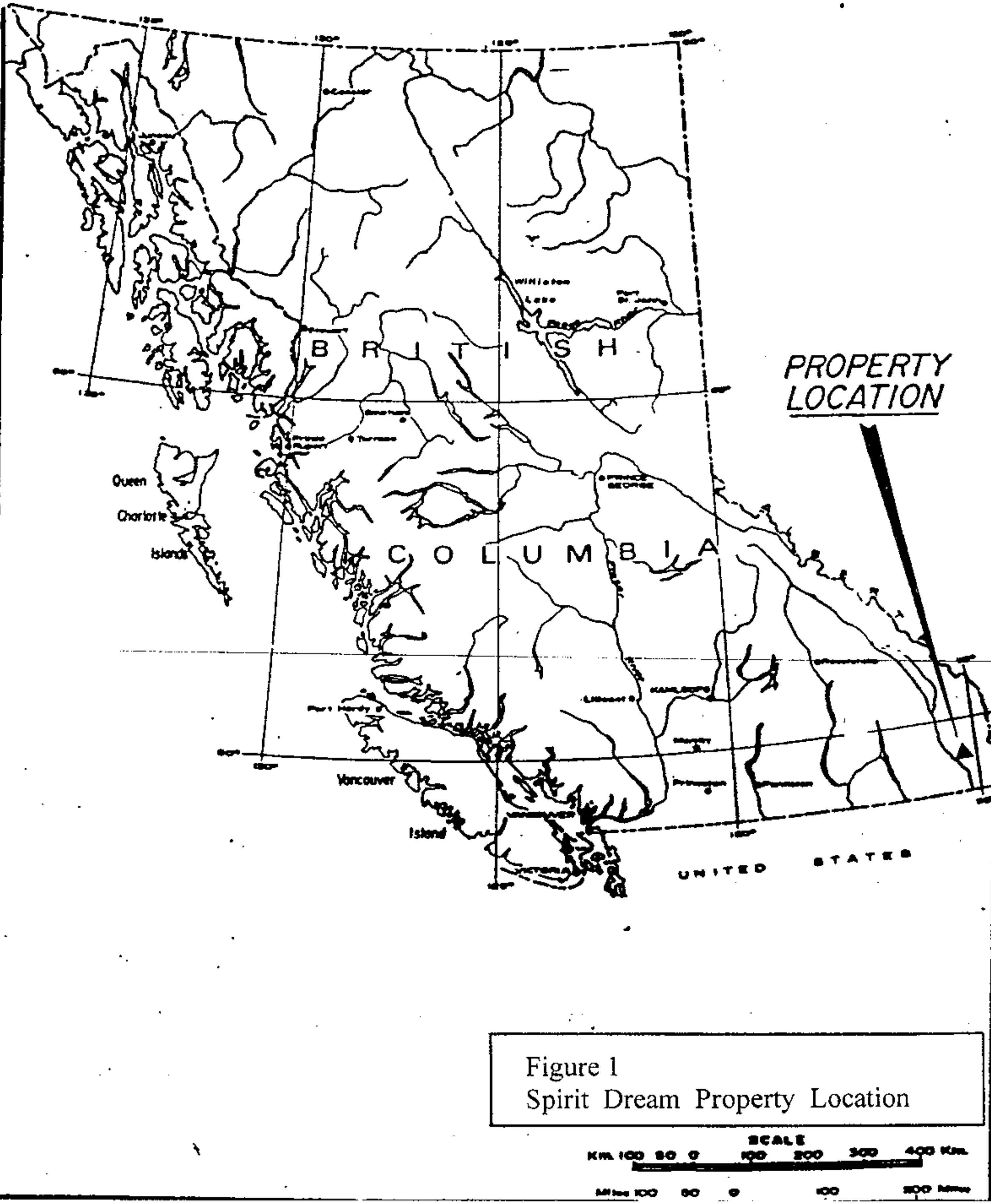


Figure 1
Spirit Dream Property Location

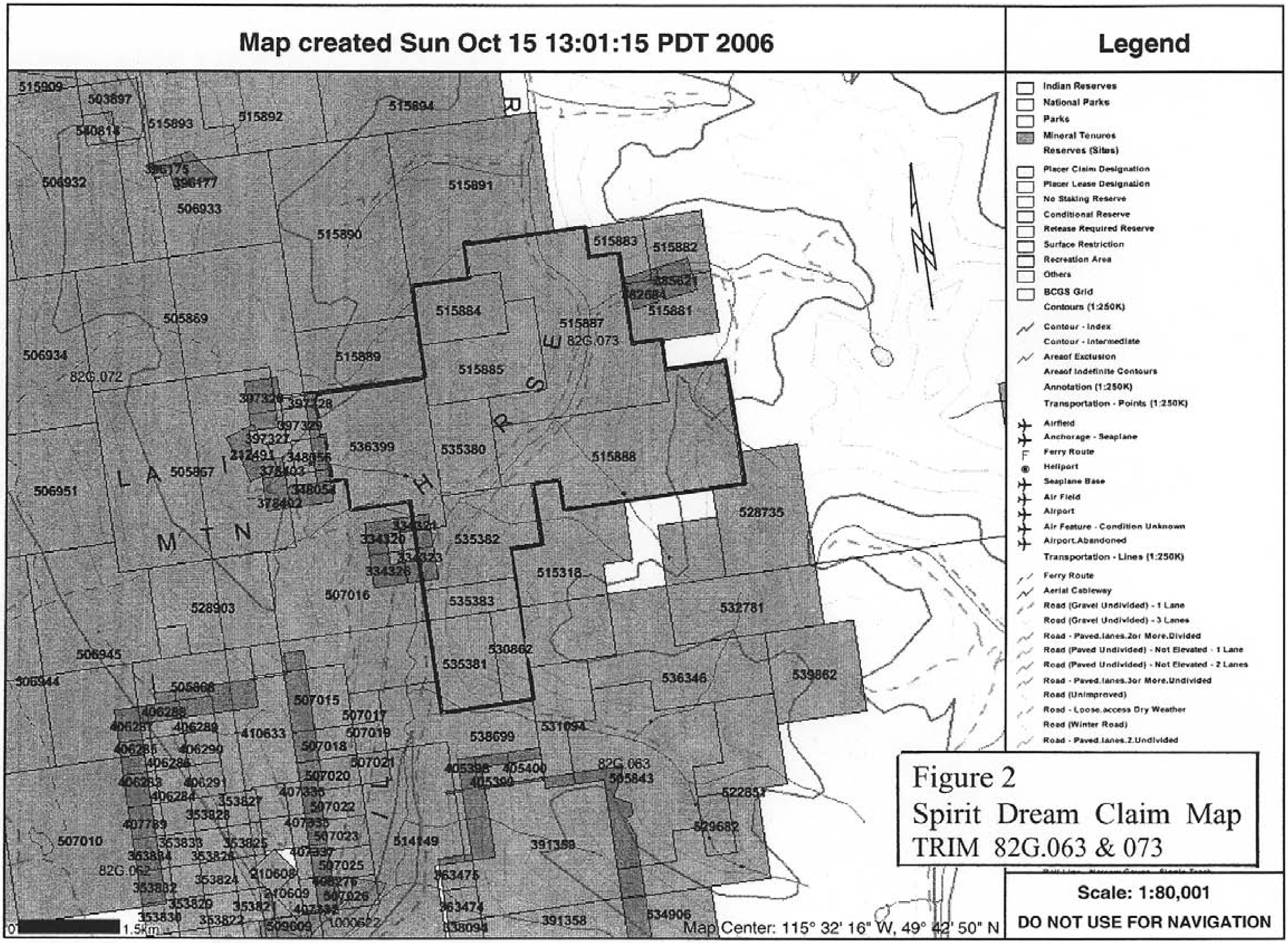


Figure 2
Spirit Dream Claim Map
TRIM 82G.063 & 073

3.00 SOIL GEOCHEMISTRY

Three hundred fifty-eight soil samples were collected from the Spirit Dream property in 2006; these included two contour lines immediately north of Boulder Creek, two lines paralleling Sheperd Gulch and 6 grid lines at Spirit Creek in the northern part of the claim group, which followed up on a local gold anomaly detected in 2005 (Figure 2).

Line locations were established using a Garmin XL-12 hand-held GPS unit and soil lines were run using a hip chain with samples taken at 25 meter intervals. The grid lines were run by compass. Sufficient GPS readings (typically every 200m) were taken to allow accurate plotting of the soil sample locations. Soils were collected from the 'B' horizon at an approximate depth of 15 cm, placed in Kraft paper bags, dried, sieved to -80 mesh, and then shipped to ACME Analytical Laboratories Ltd. at 852 East Hastings Street, Vancouver, B.C., V6A 1R6. Soils were analyzed for a 35 element ICP package by standard analytical techniques and for geochemical gold. Sample sites and individual values for gold are shown in Figures 3 & 5; gold values for previous contour soil geochemistry in the area of the grid soils (Fig. 5), taken between 2003 and 2005, are included for reference. Figures 4 and 6 show sample locations and values for copper, lead, zinc and silver; complete geochemical analyses are provided in Appendix 1.

Results

Sheperd Gulch / Boulder Creek Area

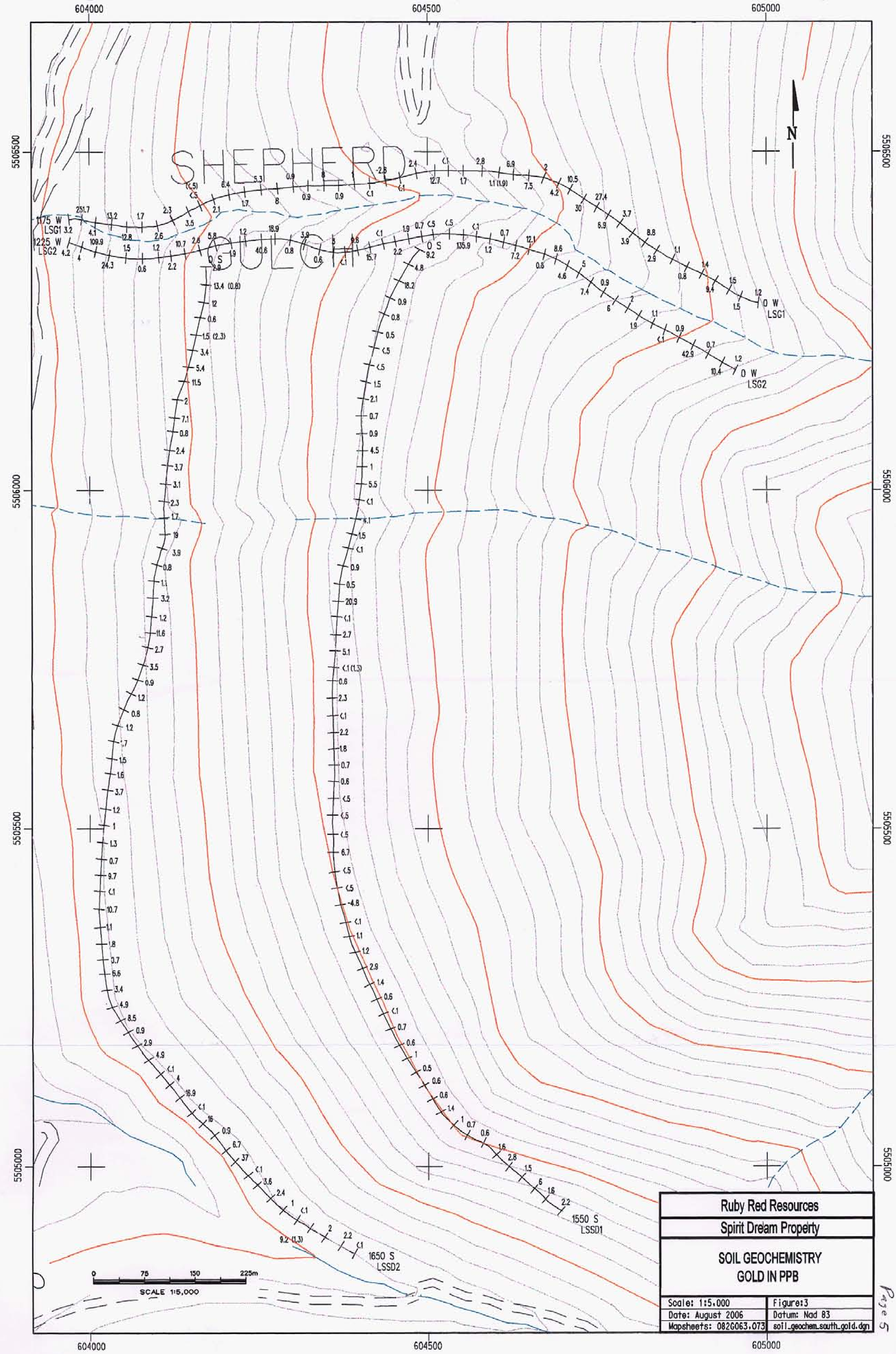
On the contour lines between Sheperd Gulch and Boulder Creek and the lines paralleling Sheperd Gulch, gold values are low (Fig.3). Only 10 of 130 samples have gold values above 10 ppb with the two highest values at 37 and 21 ppb.

Copper is locally elevated at the south end of the upper contour line (L SSD1; Fig. 4) with values ranging from 43 to 154 ppm. Weaker elevated copper values also occur near the south end of the lower contour line, L SSD2.

Higher lead values occur with elevated copper at the south end of Line SSD1 with values up to 187 ppm.

Only 5 samples have values above 150 ppm zinc on the contour lines; 4 of these are coincident with elevated lead and copper. Only one soil sample on the lower line is above 150 ppm zinc (249 / 262 ppm Zn); it is near the south end of the line and coincident with weakly elevated Pb and Cu.

Silver values on the 2 contour lines are low with only a few samples having 0.2 ppm; 3 of these are with elevated base metals at the south end of Line SSD1.



604000
604500
605000
5506500
5506000
5505500
5505000
N
SHEPHERD GULCH
1175 W LSG1
1225 W LSG2
0 W LSG1
0 W LSG2
0 S
1550 S LSSD1
1650 S LSSD2
0 75 150 225m
SCALE 1:5,000
Ruby Red Resources
Spirit Dream Property
SOIL GEOCHEMISTRY
GOLD IN PPB
Scale: 1:5,000
Figure:3
Date: August 2006
Datum: Nad 83
Mapsheets: 082G063,073
soil_geochem_south_gold.dgn

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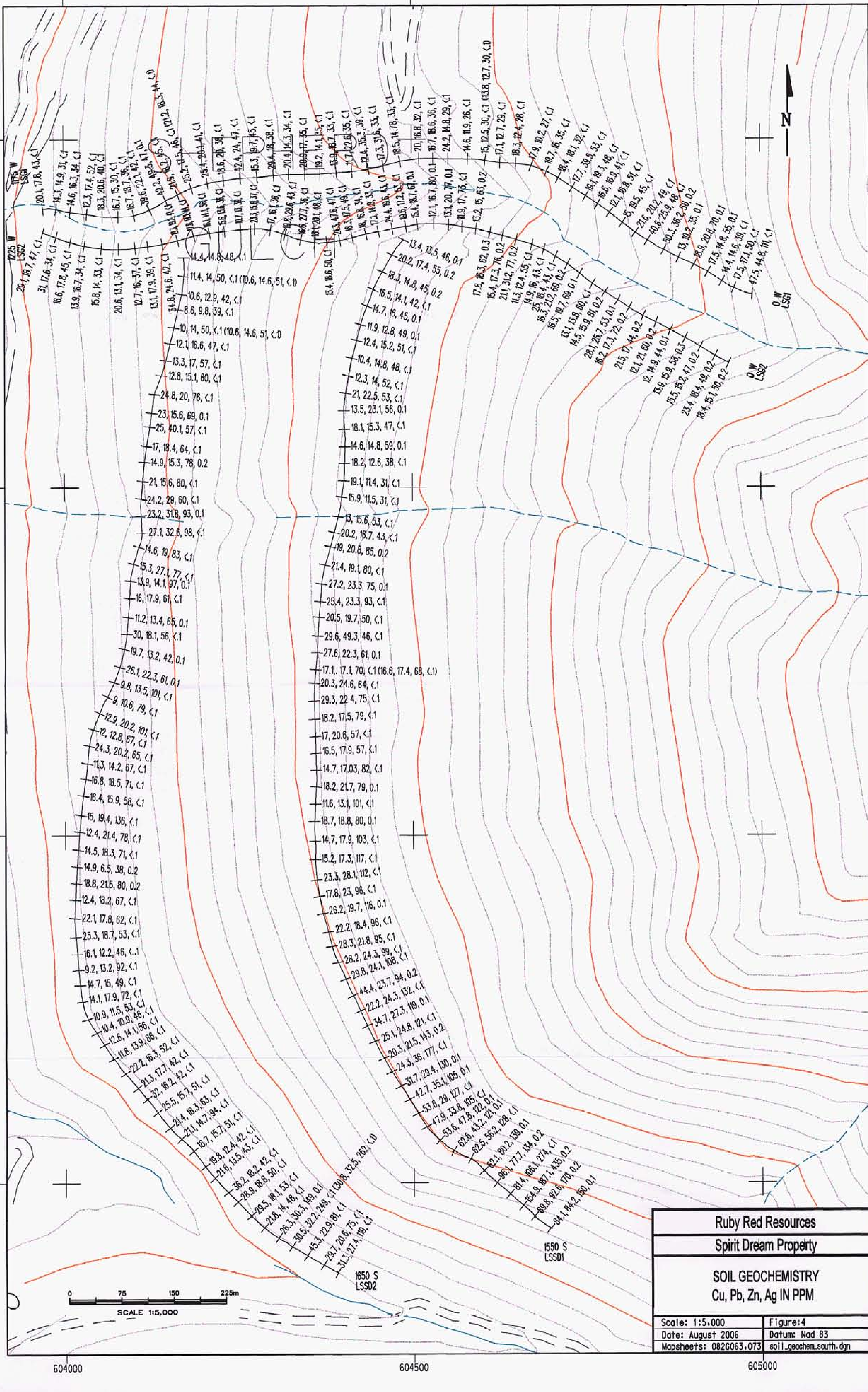

Ruby Red Resources
Spirit Dream Property
SOIL GEOCHEMISTRY
Cu, Pb, Zn, Ag IN PPM
Scale: 1:5,000
Figure:4
Date: August 2006
Datum: Nad 83
Mapsheets: 082G063.073
soil_geochem.south.dgn
SCALE 1:5,000
0 75 150 225m
N
604000
604500
605000
5506500
5506000
5505500
5505000
1175 W LSG1
1225 W LSG2
0 W LSG1
0 W LSG2
1550 S LSSD1
1650 S LSSD2

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On the Sheperd Gulch lines, gold values are generally low but there are isolated higher values; 16 of 98 samples are >10 ppb Au; 5 of these are >40 ppb Au and 3 are >100 ppb Au.

Only weakly anomalous copper was detected on the Sheperd Gulch lines with a maximum value of 50 ppm Cu.

Lead is also low with a high value of 49 ppm.

For zinc, no values are above 150 ppm on the Sheperd Gulch lines; the highest value of 111 ppm Zn coincides with weak elevated copper (47 ppm) and lead (45 ppm).

Silver is at a maximum of 0.3 ppm at two sample sites.

Spirit Creek Grid Area

A contour soil geochem line run in 2005 in the Spirit Creek area detected an isolated gold anomaly consisting of eight 25 meter spaced samples ranging from 14 to 78 ppb Au. A single sample at the west end of the contour line, 100 meters from the clustered anomaly, returned 59 ppb Au (Fig. 5). Previous work by Pighin (2004) had detected visible gold in two apparently northeast trending shear zones near this location, thus a series of six east-west grid lines were soil sampled in 2006 to follow up on these results.

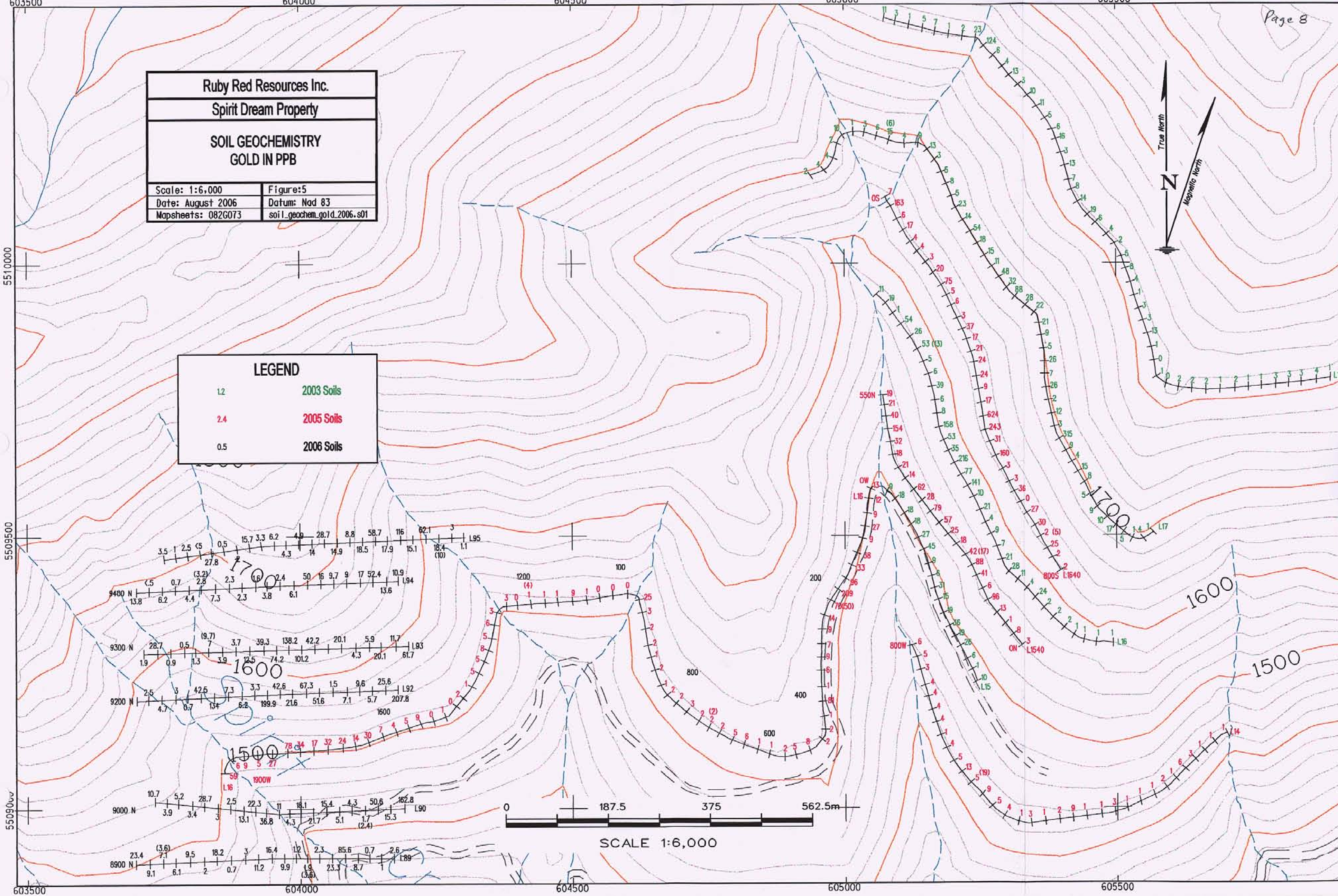
Of the 130 soil samples collected, 34 (26%) are >20 ppb Au with 6 of the samples (4.6%) being above 100 ppb Au. The maximum gold value detected is 207.8 ppb. The anomalous gold values are scattered across all lines of the grid area with no obvious pattern. The eastern edge of some lines end in anomalous gold and the grid should be expanded to the east and up hill to the north.

Anomalous copper, lead, zinc and silver are present on the Spirit Creek soil grid (Fig. 6).

For copper, 18 of the 130 samples (13.5%) are above 50 ppm; of these, 5 are above 70 ppm and 2 are >100 ppm Cu. The anomalous copper values are spread across the grid area and suggest a broad mineralizing process, similar to the gold results.

For lead, 36 of the 130 samples (27.6%) are >50 ppm; of these, 6 are >100 ppm with a maximum value of 835 ppm Pb. This highest lead value occurs with elevated copper, zinc, silver, arsenic, antimony and bismuth but only 15 ppb Au, although higher lead values generally do tend to be with higher gold values.

For zinc, 21 of the 130 samples (16%) are >200 ppm; of these, 11 (8.5%) are> 250 ppm and 5 (3.8%) are>300 ppm; maximum value for zinc in the Spirit Creek area is 370 ppm.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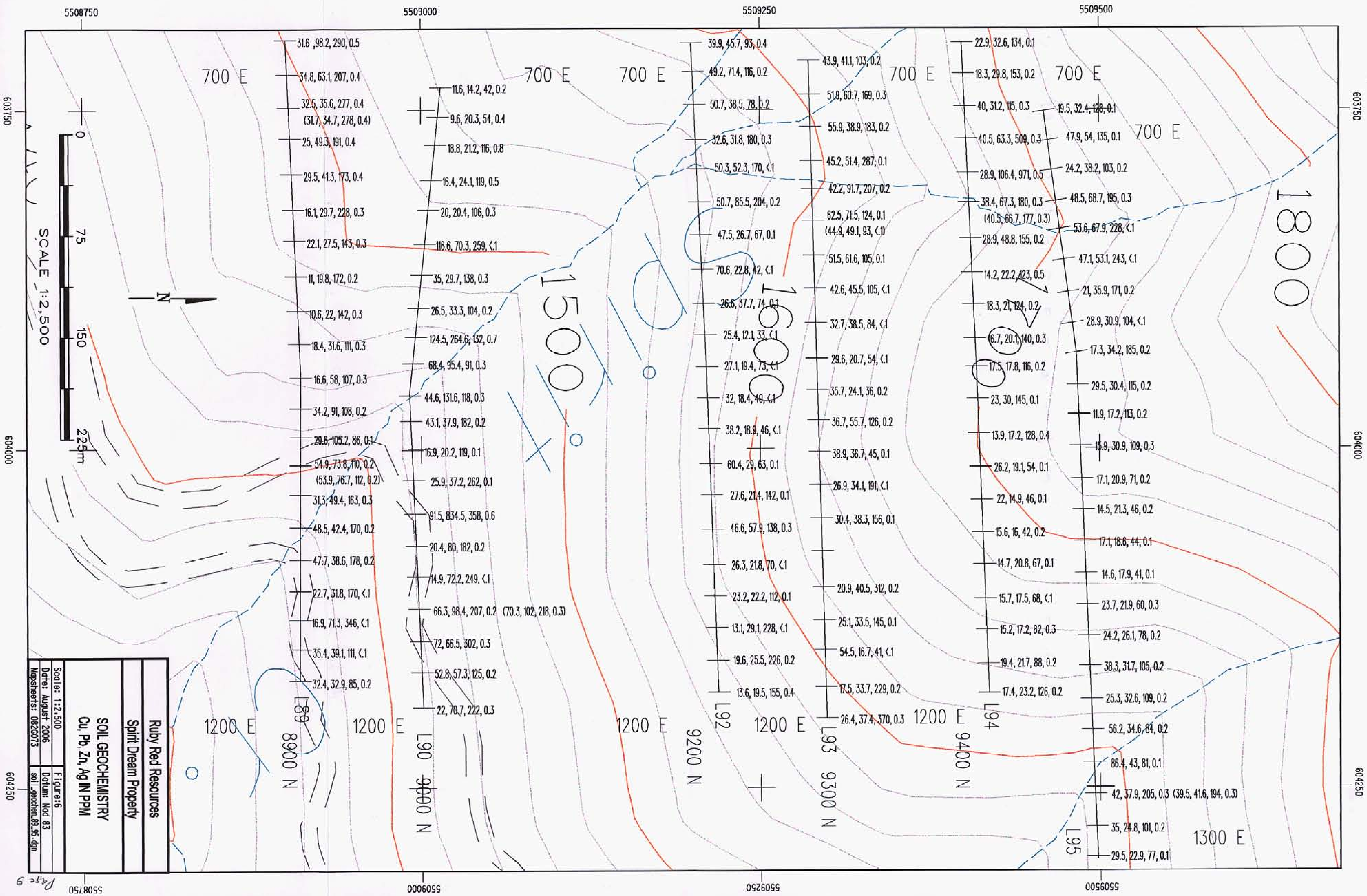
Ruby Red Resources Inc.
Spirit Dream Property
SOIL GEOCHEMISTRY
GOLD IN PPB
Scale: 1:6,000
Figure:5
Date: August 2006
Datum: Nad 83
Mapsheets: 082G073
soil_geochem_gold_2006.s01
LEGEND
1.2 2003 Soils
2.4 2005 Soils
0.5 2006 Soils
True North
Magnetic North
N
0 187.5 375 562.5m
SCALE 1:6,000


Ruby Red Resources
Spirit Dream Property
SOIL GEOCHEMISTRY
Cu, Pb, Zn, Ag IN PPM
Scale: 1:2,500
Date: August 2006
Mapsheets: 082G073
Figure:6
Datum: Nad 83
soil_geochem_89_95.dgn
SCALE 1:2,500
0
75
150
225m
N
5508750
5509000
5509250
5509500
603750
604000
604250
700 E
1200 E
1300 E
1500
1600
1800
L89
L90
L92
L93
L94
L95
8900 N
9000 N
9200 N
9300 N
9400 N
31.6, 98.2, 290, 0.5
34.8, 63.1, 207, 0.4
32.5, 35.6, 277, 0.4
(31.7, 34.7, 278, 0.4)
25, 49.3, 191, 0.4
29.5, 41.3, 173, 0.4
16.1, 29.7, 228, 0.3
22.1, 27.5, 143, 0.3
11, 19.8, 172, 0.2
10.6, 22, 142, 0.3
18.4, 31.6, 111, 0.3
16.6, 58, 107, 0.3
34.2, 91, 108, 0.2
29.6, 105.2, 86, 0.1
54.9, 73.8, 110, 0.2
(53.9, 76.7, 112, 0.2)
31.3, 49.4, 163, 0.3
48.5, 42.4, 170, 0.2
47.7, 38.6, 178, 0.2
22.7, 31.8, 170, <.1
16.9, 71.3, 346, <.1
35.4, 39.1, 111, <.1
32.4, 32.9, 85, 0.2
11.6, 14.2, 42, 0.2
9.6, 20.3, 54, 0.4
18.8, 21.2, 116, 0.8
16.4, 24.1, 119, 0.5
20, 20.4, 106, 0.3
116.6, 70.3, 259, <.1
35, 29.7, 138, 0.3
26.5, 33.3, 104, 0.2
124.5, 264.6, 132, 0.7
68.4, 95.4, 91, 0.3
44.6, 131.6, 118, 0.3
43.1, 37.9, 182, 0.2
16.9, 20.2, 119, 0.1
25.9, 37.2, 262, 0.1
91.5, 834.5, 358, 0.6
20.4, 80, 182, 0.2
14.9, 72.2, 249, <.1
66.3, 98.4, 207, 0.2 (70.3, 102, 218, 0.3)
72, 66.5, 302, 0.3
52.8, 57.3, 125, 0.2
22, 70.7, 222, 0.3
39.9, 45.7, 93, 0.4
49.2, 71.4, 116, 0.2
50.7, 38.5, 78, 0.2
32.6, 31.8, 180, 0.3
50.3, 52.3, 170, <.1
50.7, 85.5, 204, 0.2
47.5, 26.7, 67, 0.1
70.6, 22.8, 42, <.1
26.6, 37.7, 74, 0.1
25.4, 12.1, 33, <.1
27.1, 19.4, 73, <.1
32, 18.4, 40, <.1
38.2, 18.9, 46, <.1
60.4, 29, 63, 0.1
27.6, 21.4, 142, 0.1
46.6, 57.9, 138, 0.3
26.3, 21.8, 70, <.1
23.2, 22.2, 112, 0.1
13.1, 29.1, 228, <.1
19.6, 25.5, 226, 0.2
13.6, 19.5, 155, 0.4
43.9, 41.1, 103, 0.2
51.9, 60.7, 169, 0.3
55.9, 38.9, 183, 0.2
45.2, 51.4, 287, 0.1
42.2, 91.7, 207, 0.2
62.5, 71.5, 124, 0.1
(44.9, 49.1, 93, <.1)
51.5, 61.6, 105, 0.1
42.6, 45.5, 105, <.1
32.7, 38.5, 84, <.1
29.6, 20.7, 54, <.1
35.7, 24.1, 36, 0.2
36.7, 55.7, 126, 0.2
38.9, 36.7, 45, 0.1
26.9, 34.1, 191, <.1
30.4, 38.3, 156, 0.1
20.9, 40.5, 312, 0.2
25.1, 33.5, 145, 0.1
54.5, 16.7, 41, <.1
17.5, 33.7, 229, 0.2
26.4, 37.4, 370, 0.3
22.9, 32.6, 134, 0.1
18.3, 29.8, 153, 0.2
40, 31.2, 115, 0.3
40.5, 63.3, 509, 0.3
28.9, 106.4, 971, 0.5
38.4, 67.3, 180, 0.3
(40.5, 66.7, 177, 0.3)
28.9, 48.8, 155, 0.2
14.2, 22.2, 123, 0.5
18.3, 21, 124, 0.2
16.7, 20.1, 140, 0.3
17.5, 17.8, 116, 0.2
23, 30, 145, 0.1
13.9, 17.2, 128, 0.4
26.2, 19.1, 54, 0.1
22, 14.9, 46, 0.1
15.6, 16, 42, 0.2
14.7, 20.8, 67, 0.1
15.7, 17.5, 68, <.1
15.2, 17.2, 82, 0.3
19.4, 21.7, 88, 0.2
17.4, 23.2, 126, 0.2
19.5, 32.4, 128, 0.1
47.9, 54, 135, 0.1
24.2, 38.2, 103, 0.2
48.5, 68.7, 195, 0.3
53.6, 67.9, 228, <.1
47.1, 53.1, 243, <.1
21, 35.9, 171, 0.2
28.9, 30.9, 104, <.1
17.3, 34.2, 185, 0.2
29.5, 30.4, 115, 0.2
11.9, 17.2, 113, 0.2
15.9, 30.9, 109, 0.3
17.1, 20.9, 71, 0.2
14.5, 21.3, 46, 0.2
17.1, 18.6, 44, 0.1
14.6, 17.9, 41, 0.1
23.7, 21.9, 60, 0.3
24.2, 26.1, 78, 0.2
38.3, 31.7, 105, 0.2
25.3, 32.6, 109, 0.2
56.2, 34.6, 84, 0.2
86.4, 43, 81, 0.1
42, 37.9, 205, 0.3 (39.5, 41.6, 194, 0.3)
35, 24.8, 101, 0.2
29.5, 22.9, 77, 0.1
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For silver, 24 of the 130 samples are >0.3 ppm with 4 samples between 0.5 to 0.7 ppm and one sample at 0.8 ppm. The high silver is not associated with higher gold, copper, lead or zinc. Silver is generally but not consistently associated with elevated Au, Cu, Pb and Zn.

4.00 CONCLUSIONS

Relatively low base metal and precious metal values were detected on the contour lines between Boulder Creek and Sheperd Gulch and on the two lines paralleling Sheperd Gulch. Somewhat anomalous copper and lead near Boulder Creek may be worthy of prospecting and geologic follow-up.

Elevated precious metal and base metal values on the Spirit Creek grid in the northern part of the claim block warrant more work. This zone should be delineated with additional soil sampling, detailed prospecting and rock geochemistry, geological mapping and trenching.

5.00 REFERENCES

Hoy, T., 1979, Geology of the Estella-Kootenay King area, Hughes Range, southeastern British Columbia: BCMEMPR, Preliminary Map 36, and notes to accompany Preliminary Map 36.

Klewchuk, P., 2003, Assessment report on soil geochemistry on the Spirit Dream property, Fort Steele Mining Division, for Ruby Red Resources, BCMEMPR Assessment Report 27254.

Kennedy, S. & Klewchuk, P., 2006, Assessment report on prospecting, soil geochemistry and VLF- EM geophysics, Rockies Block property, Fort Steele Mining Division, for Ruby Red Resources, BCMEMPR Assessment Report 28268.

Pighin, D.L., 2004, Geological mapping covering the Spirit Dream, HD and SD mineral claims, Fort Steele Mining division, for Ruby red resources, BCMEMPR Assessment Report 27505.

Rodgers, G.M., and Kennedy, C., 2002, Geochemical report, Spirit Dream, HD & SD mineral claims,Wild Horse Creek area, Fort Steele Mining Division, BC Assessment Report #26976.

6.00 STATEMENT OF EXPENDITURES

Collection and analysis of 348 soil samples @ $21/sample	$7308.00
Supervision and report (P.Klewchuk) 2.5 days @ $400/day	1000.00
4X4 truck 4 days @ 110/day	440.00
Drafting (Kevin Franck and Associates)	362.00
Total Expenditure	$9110.00

7.00 AUTHOR'S QUALIFICATIONS

As author of this report I, Peter Klewchuk, certify that:

1. I am an independent consulting geologist with offices at 246 Moyie Street, Kimberley, B.C.
2. I am a graduate geologist with a B.Sc. degree (1969) from the University of British Columbia and an M.Sc. degree (1972) from the University of Calgary.
3. I am a Fellow of the Geological Association of Canada and a member of the Association of Professional Engineers and Geoscientists of British Columbia.
4. I have been actively involved in mining and exploration geology, primarily in the province of British Columbia, for the past 30 years.
5. I have been employed by major mining companies and provincial government geological departments.

Dated at Kimberley, British Columbia, this 27th day of October, 2006.

Peter Klewchuk
P. Geo.

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PROVINCE OF
P. KLEWCHUK
BRITISH COLUMBIA
GEOSCIENTIST

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Ruby Red Resources Inc. PROJECT SPIRIT DREAM File # A603579 Page 1
207 - 239 - 12th Ave S.W., Calgary AB T2R 1H6 Submitted by: Peter Klewchuk

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	Sample gm
SSD1 0S	.6	13.4	13.5	46	.1	25.4	8.7	188	1.96	6.6	.4	9.2	3.1	24	.1	.2	.3	21	.20	.053	9	12	.34	223	.071	2	2.42	.018	.09	.1	.02	1.5	.1	<.05	6	<.5	15.0
SSD1 25S	.9	20.2	17.4	55	.2	34.9	11.5	228	2.33	9.7	.3	4.8	3.3	20	.1	.5	.4	20	.22	.040	12	16	.46	219	.049	2	2.25	.012	.09	.1	.02	1.5	.1	<.05	6	<.5	7.5
SSD1 50S	.8	18.3	14.8	45	.2	23.9	9.7	160	2.03	7.6	.4	18.2	3.7	15	.1	.3	.3	20	.12	.050	11	13	.39	193	.061	1	2.23	.014	.07	.2	.02	1.5	.1	<.05	6	<.5	15.0
SSD1 75S	.7	16.5	14.1	42	<.1	22.4	9.2	129	1.97	6.4	.5	.9	3.4	29	.1	.2	.3	19	.16	.029	10	12	.38	262	.055	1	2.26	.015	.08	.1	.02	1.6	1	<.05	6	<.5	15.0
SSD1 100S	.6	14.7	16.0	45	.1	25.1	8.5	240	1.86	6.4	.7	.8	3.0	33	.1	.3	.3	22	.23	.040	10	11	.35	247	.092	3	2.75	.023	.10	.2	.03	1.9	.1	<.05	7	<.5	15.0
SSD1 125S	.5	11.9	12.8	49	.1	25.4	8.4	349	1.78	5.9	.6	.5	3.5	22	.1	.2	.3	19	.21	.045	10	11	.31	245	.081	1	2.46	.026	.10	.1	.03	2.2	.1	<.05	6	<.5	15.0
SSD1 150S	.8	12.4	15.2	51	<.1	25.0	9.7	326	1.97	6.7	.4	<.5	3.1	21	.1	.2	.3	20	.20	.036	10	13	.40	250	.065	2	2.48	.016	.09	.1	.03	1.6	.1	<.05	7	<.5	7.5
SSD1 175S	.8	10.4	14.8	48	<.1	21.4	9.3	323	1.86	6.2	.3	<.5	2.3	9	<.1	.2	.3	20	.09	.028	11	14	.42	166	.042	2	1.86	.008	.07	.1	.02	1.3	.1	<.05	5	<.5	5
SSD1 200S	.8	12.3	14.0	52	<.1	23.3	8.7	395	1.78	6.5	.4	1.5	2.8	21	.1	.2	.3	19	.33	.041	8	12	.36	236	.071	3	2.42	.018	.09	.1	.02	1.5	.1	<.05	6	<.5	15.0
SSD1 225S	.8	21.0	22.5	53	< 1	25.9	11.2	280	2.20	7.7	.4	2.1	4.0	14	<.1	.3	.3	20	.15	.020	14	15	.59	211	.049	3	2.14	.010	.10	.1	.02	1.5	.1	<.05	5	<.5	7.5
SSD1 250S	.7	13.5	23.1	56	.1	22.4	9.6	417	1.88	7.2	.4	.7	3.9	15	.1	.2	.3	17	.14	.031	12	13	.48	270	.055	2	2.08	.015	.12	.1	.02	1.4	.1	<.05	5	<.5	15.0
SSD1 275S	.8	18.1	15.3	47	<.1	21.0	9.4	450	1.95	6.6	.4	.9	3.9	15	.1	.3	.3	16	.24	.032	13	13	.63	235	.048	3	1.92	.014	.12	.1	.02	1.9	.1	<.05	5	<.5	7.5
SSD1 300S	.6	14.6	14.8	59	.1	27.3	10.3	283	2.01	5.8	.4	4.5	3.5	22	.1	.2	.3	20	.16	.054	9	13	.47	331	.070	2	2.64	.015	.10	.1	.02	1.7	.1	<.05	7	<.5	15.0
SSD1 325S	.6	18.2	12.6	38	<.1	21.3	10.5	143	2.09	7.6	.5	1.0	4.8	17	.1	.3	.3	18	.14	.040	14	13	.67	131	.050	1	1.77	.012	.09	1	.01	2.1	.1	<.05	5	<.5	15.0
SSD1 350S	.9	19.1	11.4	31	<.1	17.8	9.2	185	2.04	7.6	.4	5.5	4.7	12	<.1	.3	.3	14	.16	.023	16	11	.66	120	.042	1	1.53	.011	.10	.1	.01	1.8	.1	<.05	4	<.5	15.0
SSD1 375S	.6	15.9	11.5	31	<.1	18.9	9.4	156	1.91	6.3	.3	<.5	4.3	9	<.1	.3	.3	13	.15	.014	15	12	.50	73	.035	2	1.41	.006	.11	.1	.01	1.5	.1	<.05	4	<.5	.5
SSD1 400S	.7	13.0	15.6	53	<.1	21.5	9.9	720	1.85	5.4	.6	4.1	4.6	21	.1	.2	.3	16	.20	.074	12	10	.30	232	.063	1	2.23	.018	.14	.1	.03	2.0	.1	<.05	5	<.5	15.0
SSD1 425S	.6	20.2	16.7	43	<.1	23.2	11.2	536	2.13	7.1	7	1.5	5.3	28	.1	.2	.3	18	.22	.053	12	12	.35	324	.082	2	2.97	.019	.16	.1	.02	2.3	.1	<.05	7	<.5	15.0
SSD1 450S	.5	19.0	20.8	85	2	30.6	11.8	429	2.08	7.6	.7	<.5	4.1	29	.2	.2	.3	20	.21	.067	12	12	.36	310	.077	2	2.64	.021	.12	.1	.02	2.7	.1	<.05	6	<.5	15.0
SSD1 475S	.5	21.4	19.1	80	<.1	34.2	10.6	369	1.92	6.2	.6	.9	3.2	25	.2	.2	.2	22	.22	.053	10	25	.59	220	.091	2	2.69	026	.12	.2	.02	2.6	.1	<.05	7	<.5	15 0
SSD1 500S	.5	27.2	23.3	75	.1	55.5	14.5	359	2.60	6.6	.5	.5	3.4	33	.2	.2	.3	28	.39	.057	9	56	.81	283	.102	3	3.08	.019	.17	.2	.02	3.5	.1	< 05	8	<.5	.5
SSD1 525S	1.3	25.4	23.3	93	<.1	32 9	12.9	607	2.65	7.3	.5	20.9	6.4	16	.2	.5	.5	14	.18	.037	20	14	.39	98	.019	2	1.41	.005	.14	.1	.02	1.5	1	<.05	4	<.5	7.5
SSD1 550S	.8	20.5	19.7	50	<.1	29.1	11.7	435	2.30	9.1	.5	<.5	4.3	22	.1	.3	.4	18	.16	.026	13	15	.48	201	.061	1	2.11	.011	.13	.1	.03	1.8	.1	<.05	5	<.5	.5
SSD1 575S	3.5	29.6	49.3	46	<.1	37.2	22.4	251	3.52	32.4	.8	2.7	7.9	18	.1	1.0	1.5	18	.17	.026	23	15	.54	115	.026	1	1.78	.006	.11	.1	.02	1.5	.1	<.05	5	<.5	.5
SSD1 600S	9	27.6	22.3	61	.1	27.5	13.9	428	2.59	8.6	.7	5.1	5.6	28	.1	.5	.5	19	.15	.031	16	13	.36	228	.052	2	2.24	.010	.13	.1	.02	2.1	.1	<.05	6	<.5	7 5
SSD1 625S	.6	17.1	17.1	70	<.1	28.9	11.1	1355	2.00	6.5	.5	<.5	3.7	29	.1	.2	.3	16	.24	.053	11	11	.31	257	.067	2	2.47	.018	.18	.1	.03	2.2	.1	<.05	6	<.5	7.5
RE SSD1 625S	.6	16.6	17.4	68	<.1	29.6	11.2	1364	1.99	6.4	.6	1.3	3.7	30	.1	.2	.3	17	.23	.053	10	11	.30	260	.065	2	2.44	.017	.18	.1	.03	2.1	.1	<.05	6	<.5	7.5
SSD1 650S	8	20.3	24.6	64	<.1	30.4	11.4	403	2.24	7.4	.4	.6	5.4	28	.1	.2	.4	18	.20	.042	16	12	.34	214	.043	3	2.09	.010	.14	.1	.02	1.7	.1	<.05	5	<.5	5
SSD1 675S	1 i	29.3	22.4	75	< 1	27.8	13.0	583	2.34	8.8	.4	2.3	5.3	15	.1	.4	.5	15	.20	.032	16	14	.44	129	.012	3	1.36	.004	.12	.1	.02	1.3	.1	<.05	4	<.5	7 5
SSD1 700S	8	18.2	17.5	79	< 1	27.6	11.3	798	2.16	7.3	.4	< 5	3.8	18	.1	.3	.4	20	.17	.028	12	15	.42	232	.047	2	1.86	.009	.11	.1	.02	1.7	.1	<.05	5	<.5	5
SSD1 725S	7	17.0	20.6	57	<.1	22 8	10.8	1276	2.17	7 9	.4	2.2	4.2	20	.2	.4	.4	18	.25	.030	14	12	.38	165	.037	2	1.54	.006	.14	.1	.04	1 6	.1	<.05	4	< 5	.5
SSD1 750S	7	16.5	17.9	57	<.1	23.8	12.5	636	2.16	8.4	.3	1 8	4.0	16	.1	.3	.4	19	.25	.021	13	14	.50	174	.032	5	1.86	.008	.12	.1	.02	1.7	.1	<.05	5	<.5	.5
SSD1 775S	.7	14.7	17.3	82	<.1	28.6	10.8	510	2.01	5.7	.4	.7	3.7	21	.1	.2	.3	20	.20	.027	10	13	.41	232	058	3	2.40	.016	.17	.1	.03	1.6	.1	<.05	6	< 5	7.5
SSD1 800S	.8	18.2	21.7	79	1	33.9	9 9	288	2.07	7.0	.5	6	4.7	23	.1	.2	.4	20	.15	.072	11	11	31	227	.052	2	2.31	.015	.11	.1	.02	1.6	.1	<.05	6	< 5	7.5
STANDARD DS7	21.0	111.3	71.7	414	9	57.4	9.9	626	2 42	48.1	5.0	73.6	4.4	67	6.3	5 9	4.4	89	.92	.079	12	168	1.07	368	.125	39	.96	.072	.44	3.8	.21	2.5	4.2	.22	5	3.5	15.0

Appendix 1. Geochemical Analyses of Soils

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

2006-0[illegible] [illegible]0:15

Data FA ____ DATE RECEIVED: JUL 13 2006 DATE REPORT MAILED:.................

Raymond Chan

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Sample gm
SSD1 825S	.2	11.6	13.1	101	<.1	27.2	6.0	321	1.32	4.8	.5	<.5	2.4	36	.2	.1	.2	13	.28	.138	7	7	.19	232	.075	3	2.12	.034	.11	.1	.03	1.8	.1	<.05	5	<.5	15.0
SSD1 850S	.8	18.7	18.8	80	.1	31.4	12.3	926	2.31	6.0	.7	<.5	5.3	35	.2	.3	.3	17	.28	.055	15	19	.40	222	.047	4	1.93	.009	.18	.1	.02	2.4	.1	<.05	5	<.5	.5
SSD1 875S	.4	14.7	17.9	103	<.1	30.6	9.9	909	2.03	5.5	.5	<.5	4.0	53	.3	.2	.3	17	.42	.090	10	15	.35	280	.072	5	2.47	.017	.22	.1	.03	2.1	.1	<.05	6	<.5	.5
SSD1 900S	.5	15.2	17.3	117	<.1	31.9	10.0	723	2.16	4.4	.4	12.7	3.4	47	.2	.2	.3	20	.34	.082	11	23	.42	267	.057	4	2.37	.017	.22	.1	.03	2.5	.1	<.05	6	<.5	5
SSD1 925S	1.1	23.3	28.1	112	<.1	41.3	11.4	905	2.47	6.1	.7	<.5	4.6	39	.2	.2	.4	15	.26	.087	12	12	.29	298	.070	3	2.64	.017	.19	.1	.03	2.4	.1	<.05	6	<.5	5
SSD1 950S	.6	17.8	23.0	96	<.1	33.5	12.3	1236	2.33	6.7	.8	<.5	4.8	52	.3	.3	.4	17	.42	.063	11	11	.26	374	.087	6	2.89	.017	.27	1	.04	2.7	.1	<.05	7	<.5	5
SSD1 975S	.5	26.2	19.7	116	.1	34.9	11.3	785	2.15	7.2	1.0	1.2	4.5	45	.3	.3	.4	17	.35	.102	11	11	.27	222	.096	5	2.92	.032	.15	2	.04	2.9	.1	<.05	7	<.5	7.5
SSD1 1000S	.8	22.2	18.4	96	<.1	31.0	11.8	794	2.48	7.1	.8	<.5	4.8	45	.1	.3	.4	16	.39	.110	14	11	.32	188	.074	7	2.59	.015	.29	.1	.02	2.7	.1	<.05	6	<.5	5
SSD1 1025S	.7	28.3	21.8	95	<.1	34.3	14.0	498	2.72	8.8	.8	1.1	4.8	45	.2	.4	.5	16	.42	.038	14	13	.32	141	.072	5	2.59	.015	.26	.1	.03	2.6	.1	<.05	6	<.5	.5
SSD1 1050S	1.1	28.2	24.3	99	<.1	37.2	16.4	762	3.01	8.4	.7	1.2	6.3	29	.2	.6	.6	18	.29	.035	19	18	.48	157	.043	3	2.05	.009	.21	1	.03	2.5	.1	<.05	5	<.5	7.5
SSD1 1075S	.9	29.8	24.1	108	<.1	36.3	15.4	504	2.94	9.0	.7	2.9	6.4	19	.2	.5	.6	15	.16	.028	22	14	.44	125	.040	3	2.02	.009	.17	.1	.01	2.1	.1	<.05	5	<.5	7.5
SSD1 1100S	1.6	44.4	23.7	94	.2	39.2	18.8	276	3.06	14.8	1.0	1.4	6.3	13	.2	.7	.6	11	.18	.034	18	12	.50	41	.008	2	1.25	.004	.16	.1	.02	1.5	.1	<.05	3	<.5	5
SSD1 1125S	.9	22.2	24.3	132	<.1	28.1	13.4	1453	2.89	9.4	.5	.6	4.6	48	.2	.4	.6	17	.35	.064	14	14	.44	249	.033	6	1.91	.009	.29	.1	.02	2.6	.1	<.05	5	<.5	7.5
SSD1 1150S	1.0	34.7	27.3	119	.1	34.1	16.7	736	3.22	10.2	.7	<.5	4.8	30	.2	.5	.7	21	.30	.048	16	14	.51	126	.028	6	1.93	.006	.21	.1	.02	2.5	1	<.05	5	<.5	5
SSD1 1175S	1.0	25.1	24.8	121	<.1	37.6	16.9	1022	2.93	8.2	.7	.7	5.4	35	.2	.5	.7	16	.25	.051	16	14	.39	197	.045	4	2.22	.010	.21	.1	.03	2.1	.1	<.05	5	<.5	5
SSD1 1200S	.5	20.3	21.5	143	.2	44.6	10.5	390	2.30	7.5	.6	.6	4.2	39	.2	.4	.5	19	.26	.110	11	12	.34	170	.086	5	2.76	.028	.21	.2	.02	2.2	1	<.05	7	<.5	7.5
SSD1 1225S	.7	24.3	36.0	177	<.1	29.3	12.0	1443	3.16	9.8	.7	1.0	6.4	99	.3	.7	.9	16	.72	.167	15	14	.45	283	.042	9	2.12	.013	.21	1	.05	2.1	.1	<.05	5	<5	7.5
SSD1 1250S	.7	31.7	29.4	130	.1	32.1	13.6	618	3.16	9.1	.8	.5	6.4	44	.1	.7	.9	17	.35	.087	17	15	.47	138	.044	6	2.22	.012	.21	1	.03	2.0	.1	<.05	6	<5	5
SSD1 1275S	1.6	42.7	35.1	105	.1	42.3	16.5	702	3.52	9.2	.9	.6	7.6	44	.2	.7	1.0	17	.41	.057	19	23	.55	119	.023	2	2.21	.008	.20	1	.04	2.0	.1	<.05	5	<5	5
SSD1 1300S	1.1	53.6	29.0	127	<.1	122.5	20.1	976	4.14	11.5	.6	.6	6.5	46	.2	1.3	.8	36	.51	.050	17	84	.77	131	.039	7	2.56	.008	.26	1	.03	4.0	1	<.05	7	<5	5
SSD1 1325S	1.5	47.9	33.8	105	<.1	46.8	20.3	848	3.65	11.0	.7	1.4	8.3	31	.1	1.2	1.0	17	.30	.048	23	22	.58	87	.017	3	1.89	.005	.23	1	.02	1.8	1	<.05	5	<5	15.0
SSD1 1350S	2.1	53.6	47.8	122	.1	56.1	23.5	1600	4.17	13.3	.6	1.0	8.5	45	.2	1.6	1.3	18	.88	.042	24	28	.64	98	.014	5	1.80	.005	.20	1	.02	1.9	.1	<.05	5	<.5	7.5
SSD1 1375S	1.9	62.6	43.2	121	.1	43.5	22.6	781	3.91	12.3	.9	.7	10.0	18	.1	1.0	1.3	13	.14	.038	28	14	.53	80	.005	1	1.75	.005	.13	1	.03	1.7	.1	<.05	4	<.5	7.5
SSD1 1400S	2.6	62.5	56.2	128	<.1	47.2	27.4	1420	4.46	13.1	.9	.6	10.0	32	.2	1.4	1.7	13	.23	.039	27	14	.56	77	.009	2	1.65	.006	.17	<.1	.02	1.6	.1	<.05	4	<5	7.5
SSD1 1425S	1.9	62.1	80.2	139	.1	47.3	33.7	2363	4.14	18.2	1.0	1.6	7.7	51	.6	1.3	1.8	12	.40	.053	19	16	.59	90	.009	3	1.57	.006	.13	.1	.06	1.5	.1	.06	4	<.5	5
SSD1 1450S	5.8	96.1	77.7	134	.2	50.1	26.3	919	4.89	24.2	.7	2.8	7.8	23	.2	1.8	2.3	13	.06	.060	21	14	.58	54	.005	1	1.82	.007	.09	.1	.06	1.5	.1	.09	4	<.5	15.0
SSD1 1475S	2.8	81.4	106.1	274	<.1	51.7	38.7	1927	4.48	19.8	1.3	1.5	8.8	30	.6	1.4	1.8	13	.25	.050	22	14	.58	84	.007	2	1.59	.006	.10	1	.07	1.7	.1	<.05	4	<.5	5
SSD1 1500S	4.6	154.9	187.1	435	.2	49.1	24.8	338	14.33	216.8	1.6	6.0	6.7	11	.2	3.6	10.2	11	.03	.110	13	9	.32	26	.004	1	1.49	.004	.06	.1	.11	1.4	.1	.16	3	1.8	7.5
SSD1 1525S	2.6	89.8	92.6	170	.2	51.0	30.9	1876	4.81	23.9	.9	1.6	9.7	36	.3	1.4	2.2	13	.28	.051	22	15	.61	87	.004	3	1.64	.006	.09	.1	.07	1.9	.1	.10	4	.5	7.5
SSD1 1550S	2.6	84.1	84.2	150	.1	37.9	25.2	1197	4.75	19.9	1.2	2.2	9.2	39	.2	1.5	1.9	14	.16	.061	24	15	.66	75	.007	3	1.71	.009	.13	.1	.04	1.7	.1	.08	4	.5	7.5
SSD2 0S	.7	14.4	14.8	48	<.1	21.8	10.4	197	2.12	5.2	.4	2.9	3.7	18	.1	.2	.4	19	.23	.020	12	13	.54	92	.045	4	1.70	.007	.11	.1	.02	1.5	.1	<.05	5	<5	5
SSD2 25S	.4	11.4	14.0	50	<.1	22.8	8.6	772	1.87	4.8	.5	13.4	3.0	48	.2	.1	.3	20	.35	.047	8	11	.35	438	.089	5	2.91	.024	.15	1	.03	2.0	1	<.05	7	<.5	[illegible]
RE SSD2 25S	.4	11.0	14.8	50	<.1	21.9	8.5	766	1.87	4.8	.5	.8	3.2	47	.1	.1	.3	21	.36	.047	8	11	.35	454	.090	3	2.89	.026	.15	.1	.03	2.0	1	<.05	7	<5	[illegible]
SSD2 50S	.7	10.6	12.9	42	<.1	18.8	8.9	2445	1.72	4.9	.4	12.0	2.6	35	.3	.2	.3	18	.41	.049	10	10	.29	375	.053	5	1.98	.014	.16	.1	.05	1.7	1	<.05	5	<.5	15.0
STANDARD DS7	21.1	111.8	72.9	409	.9	56.2	9.7	632	2.42	47.9	5.0	71.5	4.4	67	6.4	6.0	4.5	87	.93	.079	12	167	1.06	375	.124	40	.96	.072	.44	3.9	.20	2.5	4.2	.21	4	3.6	15.0

Sample type: SOIL PULP. 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	Sample gm
SSD2 75S	.5	8.6	9.8	39	<.1	17.3	5.8	626	1.38	4.5	.3	.6	2.0	26	.1	.1	.2	16	.30	.044	6	8	.27	170	.078	2	2.12	.030	.11	.1	.03	1.4	.1	<.05	5	<.5	15.0
SSD2 100S	.5	10.0	14.0	50	<.1	22.2	8.8	583	1.96	5.2	.5	1.5	3.2	33	.1	.2	.3	16	.32	.036	10	12	.38	302	.084	4	2.84	.021	.20	.1	.03	2.0	.1	<.05	7	<.5	5
RE SSD2 100S	.5	10.6	14.6	51	<.1	23.0	9.3	593	2.02	5.6	.5	2.3	3.2	35	.1	.2	.3	17	.34	.037	10	12	.39	305	.086	3	2.87	.023	.21	.1	.03	2.1	.1	<.05	7	<.5	5
SSD2 125S	.8	12.1	16.6	47	<.1	19.2	8.5	808	1.82	5.1	.3	3.4	3.4	27	.2	.2	.3	14	.29	.027	12	10	.33	212	.055	3	2.00	.018	.15	.1	.03	1.5	.1	<.05	5	<.5	7.5
SSD2 150S	.7	13.3	17.0	57	<.1	22.9	9.6	655	2.06	5.8	.4	5.4	3.6	23	.1	.3	.3	17	.27	.032	13	13	.40	239	.057	4	2.23	.015	.18	.1	.03	1.9	.1	<.05	5	<.5	7.5
SSD2 175S	.6	12.8	15.1	60	<.1	20.8	9.8	439	1.92	6.9	.4	11.5	4.1	23	.1	.3	.3	15	.29	.053	13	13	.40	177	.044	3	1.80	.013	.19	.1	.02	1.7	.1	<.05	5	<.5	15.0
SSD2 200S	1.1	24.8	20.0	76	<.1	22.2	11.3	358	2.50	9.6	.5	2.0	7.4	14	.1	.4	.5	11	.21	.021	22	12	.49	91	.021	2	1.18	.004	.18	.1	.01	1.5	.1	<.05	3	<.5	7.5
SSD2 225S	.6	23.0	15.6	69	.1	27.1	11.0	447	1.96	8.5	.5	7.1	4.2	33	.1	.3	.3	16	.40	.061	10	12	.40	195	.070	3	2.39	.027	.19	.1	.02	2.1	.1	<.05	6	<.5	15.0
SSD2 250S	.5	25.0	40.1	57	<.1	47.5	13.8	357	2.63	7.8	.5	.8	3.8	31	.2	.2	.3	22	.40	.043	12	30	.59	176	.077	3	2.56	.024	.21	.1	.03	3.8	.1	<.05	6	<.5	5
SSD2 275S	.8	17.0	18.4	64	<.1	25.5	10.3	631	2.16	7.4	.4	2.4	4.7	22	.1	.3	.3	15	.27	.040	16	16	.47	163	.042	3	1.72	.010	.19	.1	.02	1.7	.1	<.05	4	<.5	7.5
SSD2 300S	.6	14.9	15.3	78	.2	22.2	9.3	605	1.89	5.8	.4	3.7	3.4	29	.2	.2	.2	16	.35	.048	11	13	.41	194	.063	4	2.19	.019	.18	.1	.02	1.9	.1	<.05	5	<.5	7.5
SSD2 325S	.8	21.0	15.6	80	<.1	71.7	12.9	347	2.53	8.4	.5	3.1	4.0	19	.1	.3	.3	30	.21	.030	13	52	.58	182	.057	3	2.26	.015	.15	.1	.02	3.0	.1	<.05	6	<.5	15.0
SSD2 350S	1.2	24.2	29.0	60	<.1	26.1	12.6	325	2.51	10.7	.4	2.3	6.6	12	.1	.5	.5	14	.17	.018	23	18	.46	96	.013	1	1.30	.004	.11	.1	.03	1.5	.1	<.05	3	<.5	7.5
SSD2 375S	.8	23.2	31.8	93	.1	27.5	14.6	1860	2.61	9.8	.7	1.7	5.2	38	.4	.3	.5	16	.41	.075	16	14	.36	395	.051	3	2.12	.011	.20	.1	.04	2.5	.1	<.05	5	<.5	5
SSD2 400S	1.0	27.1	32.6	98	<.1	37.2	15.9	619	2.56	10.3	.4	19.0	5.2	16	.3	.3	.4	19	.24	.031	18	33	.71	128	.022	2	1.53	.004	.11	.1	.02	2.0	.1	<.05	4	<.5	5
SSD2 425S	.4	14.6	19.0	83	<.1	29.9	9.7	530	1.95	5.0	.5	3.9	3.3	29	.2	.1	.2	20	.29	.072	10	22	.41	227	.087	3	2.64	.027	.16	.1	.02	2.5	.1	<.05	6	<.5	15.0
SSD2 450S	.5	15.3	27.1	77	<.1	36.1	10.4	643	1.98	5.8	.4	.8	2.5	35	.2	.2	.2	20	.39	.040	9	24	.46	316	.083	4	2.67	.019	.19	.1	.04	2.1	.1	<.05	7	<.5	5
SSD2 475S	.4	13.9	14.1	97	.1	37.5	8.9	320	1.75	6.4	.5	1.1	2.6	31	.2	.2	.2	20	.33	.068	9	19	.35	190	.087	3	2.58	.031	.14	.1	.03	2.2	.1	<.05	7	<.5	15.0
SSD2 500S	.7	16.0	17.9	61	<.1	32.3	11.4	660	2.09	6.9	.5	3.2	3.7	30	.1	.3	.3	20	.36	.036	11	20	.43	202	.077	5	2.56	.023	.23	.1	.03	2.5	.1	<.05	6	<.5	15.0
SSD2 525S	.5	11.2	13.4	65	.1	27.8	8.0	512	1.65	7.0	.5	1.2	2.6	43	.1	.2	.2	18	.43	.082	8	11	.26	249	.099	4	2.99	.032	.21	.1	.03	2.0	.1	<.05	7	<.5	15.0
SSD2 550S	1.3	30.0	18.1	56	<.1	24.8	11.6	178	2.56	11.2	.4	11.6	7.2	17	.1	.4	.5	12	.20	.026	25	14	.47	86	.019	2	1.19	.005	.12	.1	.02	1.3	.1	<.05	3	<.5	7.5
SSD2 575S	.5	19.7	13.2	42	.1	20.6	7.9	267	1.79	6.6	.6	2.7	3.8	35	.1	.2	.3	14	.24	.038	11	9	.28	167	.075	2	2.37	.030	.12	.1	.02	1.9	.1	<.05	6	<.5	15.0
SSD2 600S	1.3	26.1	22.3	61	.1	24.9	12.4	739	2.47	10.4	.4	3.5	5.9	24	.1	.4	.5	13	.28	.026	20	11	.35	164	.029	3	1.46	.007	.15	.1	.02	1.5	.1	<.05	4	<.5	7.5
SSD2 625S	.3	9.8	13.5	101	<.1	22.3	6.2	428	1.63	5.4	.5	.9	2.9	35	.1	.1	.3	17	.35	.174	7	8	.23	229	.093	2	2.68	.028	.14	.1	.03	1.9	.1	<.05	6	<.5	15.0
SSD2 650S	.3	9.0	10.6	79	<.1	20.7	6.3	285	1.43	4.3	.4	1.2	2.2	27	.1	.2	.2	15	.23	.076	7	8	.22	202	.071	2	2.26	.027	.12	.1	.02	1.4	.1	<.05	6	<.5	15.0
SSD2 675S	.7	12.9	20.2	101	<.1	22.8	9.4	863	1.92	5.6	.4	.8	2.9	37	.2	.3	.4	13	.38	.065	12	11	.28	288	.037	4	1.71	.014	.14	.1	.04	1.4	.1	<.05	4	<.5	5
SSD2 700S	.4	12.0	12.8	67	<.1	21.1	6.9	562	1.62	7.6	.4	1.2	2.6	32	.1	.2	.2	16	.31	.077	7	9	.24	247	.092	3	2.77	.031	.13	.1	.02	1.6	.1	<.05	7	<.5	15.0
SSD2 725S	.8	24.3	20.2	65	<.1	26.2	14.0	786	2.48	9.3	.5	1.7	4.8	19	.1	.3	.4	16	.27	.031	18	14	.49	188	.030	6	1.86	.006	.15	.1	.03	1.9	.1	<.05	5	<.5	5
SSD2 750S	.4	11.3	14.2	67	<.1	20.7	7.8	465	1.73	6.7	.4	1.5	3.0	34	.1	.2	.3	17	.32	.098	7	9	.27	205	.080	3	2.52	.028	.15	.2	.03	1.5	.1	<.05	6	<.5	15.0
SSD2 775S	.9	16.8	18.5	71	<.1	21.3	10.3	787	2.09	5.7	.4	1.6	4.3	29	.1	.3	.4	15	.27	.030	15	13	.37	208	.038	3	1.60	.009	.14	.1	.02	1.5	.1	<.05	4	<.5	7.5
SSD2 800S	1.1	16.4	15.9	58	<.1	19.9	8.5	287	2.24	5.9	.4	3.7	5.1	22	.1	.3	.4	15	.21	.030	17	11	.33	134	.042	2	1.66	.010	.13	.1	.01	1.3	.1	<.05	4	<.5	7.5
SSD2 825S	.8	15.0	19.4	136	<.1	25.4	10.5	1374	2.12	5.8	.5	1.2	3.7	54	.3	.3	.4	17	.58	.134	12	12	.30	351	.050	6	2.27	.015	.25	.1	.03	2.0	.1	<.05	6	<.5	7.5
SSD2 850S	.9	12.4	21.4	78	<.1	22.5	9.5	785	2.08	3.9	.4	1.0	3.5	21	.1	.2	.4	19	.21	.025	13	13	.33	221	.052	3	1.91	.009	.14	.1	.03	1.6	.1	<.05	5	<.5	5
SSD2 875S	.5	14.5	18.3	71	<.1	25.2	8.5	378	2.11	5.2	.3	1.3	4.0	30	.2	.3	.3	21	.30	.037	12	14	.36	208	.072	5	2.39	.019	.21	.1	.02	1.7	.1	<.05	6	<.5	7.5
STANDARD DS7	21.0	110.7	70.7	410	.9	56.1	9.7	624	2.40	47.8	5.0	69.3	4.5	69	6.3	6.0	4.5	87	.92	.079	13	166	1.06	373	.125	39	.96	.073	.44	3.9	.20	2.5	4.2	.21	4	3.5	15.0

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

Data FA

ACME ANALYTICAL

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	Sample gm
SSD2 900S	.1	14.9	6.5	38	.2	15.0	4.3	113	1.02	4.0	.4	.7	1.6	40	.1	.1	.1	12	.24	.115	4	5	.14	92	.075	3	1.85	.044	.08	.1	.01	1.4	.1	<.05	4	<.5	15.0
SSD2 925S	1.0	18.8	21.5	80	.2	28.4	10.5	594	2.41	5.7	.6	9.7	4.9	32	.2	.3	.4	16	.33	.046	13	16	.36	218	.050	3	2.22	.011	.19	.1	.03	2.1	.1	<.05	6	<.5	7.5
SSD2 950S	.7	12.4	18.2	67	<.1	20.4	8.5	892	1.84	4.9	.3	<.5	2.7	25	.2	.2	.3	14	.30	.037	11	13	.34	148	.042	4	1.67	.009	.12	.1	.03	1.2	.1	<.05	5	<.5	5
SSD2 975S	.8	22.1	17.8	62	<.1	24.8	11.6	538	2.23	7.1	.4	10.7	3.3	18	.2	.4	.3	16	.25	.044	13	19	.76	120	.032	3	1.53	.004	.13	.2	.03	1.6	.1	<.05	4	<.5	7.5
SSD2 1000S	.9	25.3	18.7	53	<.1	23.5	11.3	438	2.26	7.7	.5	1.1	5.3	16	.1	.3	.4	12	.36	.036	17	16	.60	103	.035	3	1.33	.007	.15	.1	.02	2.1	.1	<.05	4	<.5	5
SSD2 1025S	.8	16.1	12.2	46	<.1	18.4	8.7	291	1.84	6.0	.3	1.8	4.7	12	.1	.3	.3	12	.24	.030	16	13	.53	91	.030	3	1.11	.005	.12	.1	.02	1.3	.1	<.05	3	<.5	7.5
SSD2 1050S	.5	9.2	13.2	92	<.1	19.4	7.3	785	1.73	5.0	.3	.7	2.5	23	.1	.1	.2	14	.31	.042	9	14	.43	292	.053	3	1.82	.013	.18	.1	.01	1.8	.1	<.05	5	<.5	7.5
SSD2 1075S	.7	14.7	15.0	49	<.1	19.7	10.8	315	1.99	5.8	.4	6.6	5.0	15	.1	.2	.3	14	.26	.031	14	15	.56	127	.041	3	1.47	.007	.20	.1	.02	2.0	.1	<.05	4	<.5	7.5
SSD2 1100S	1.1	14.1	17.9	72	<.1	17.6	10.0	3236	1.80	4.7	.3	3.4	3.0	40	.4	.3	.3	14	.61	.037	11	12	.37	522	.037	4	1.35	.008	.15	.1	.06	1.8	.1	<.05	4	<.5	7.5
SSD2 1125S	.6	10.9	11.5	53	<.1	18.2	9.4	422	1.87	4.4	.3	4.9	4.2	12	.1	.2	.3	14	.20	.020	15	14	.64	141	.045	2	1.38	.006	.16	.1	.01	1.8	.1	<.05	4	<.5	7.5
SSD2 1150S	.6	10.4	10.9	46	<.1	17.0	7.1	214	1.79	4.1	.3	8.5	3.4	14	<.1	.2	.3	14	.16	.017	12	11	.57	150	.052	2	1.59	.007	.12	.1	.01	1.5	.1	<.05	4	<.5	15.0
SSD2 1175S	.4	12.6	14.1	56	<.1	19.4	7.5	329	1.95	5.1	.3	.9	3.8	28	.1	.2	.3	14	.24	.032	9	9	.35	306	.099	4	2.71	.024	.16	.1	.02	2.5	.1	<.05	7	<.5	7.5
SSD2 1200S	.5	11.8	13.9	86	<.1	19.6	7.6	917	1.93	6.9	.3	2.9	2.9	29	.2	.2	.3	12	.32	.034	8	11	.30	336	.062	4	2.32	.015	.15	.1	.04	1.7	.1	<.05	6	<.5	7.5
SSD2 1225S	.8	22.2	16.3	52	<.1	20.9	11.9	525	2.34	7.2	.5	4.9	6.5	14	.1	.3	.4	13	.25	.020	19	14	.60	113	.024	3	1.30	.005	.19	.1	.02	1.9	.1	<.05	3	<.5	7.5
SSD2 1250S	.7	21.3	17.7	42	<.1	21.4	11.8	629	2.42	8.5	.4	<.5	6.4	14	.1	.3	.5	12	.24	.017	20	14	.57	106	.027	4	1.26	.005	.21	.1	.02	2.2	.1	<.05	3	<.5	5
SSD2 1275S	.9	32.0	16.2	42	<.1	25.1	12.2	125	2.48	10.3	.5	4.0	6.9	7	<.1	.6	.5	12	.10	.013	22	17	.68	38	.020	1	1.08	.003	.10	.1	.01	1.9	.1	<.05	3	<.5	15.0
SSD2 1300S	.6	25.5	15.7	51	<.1	25.2	10.9	405	2.44	8.2	.4	16.9	6.7	10	.1	.4	.4	14	.13	.012	20	18	.70	113	.036	2	1.47	.006	.18	.1	.02	2.6	.1	<.05	4	<.5	7.5
SSD2 1325S	.7	21.4	18.3	63	<.1	25.2	11.5	617	2.44	8.9	.3	<.5	6.3	17	.2	.5	.5	14	.26	.021	18	17	.56	138	.037	5	1.44	.006	.25	.1	.02	2.2	.1	<.05	4	<.5	7.5
SSD2 1350S	.5	21.1	14.7	94	<.1	20.3	10.1	1343	3.03	6.5	.6	16.0	4.5	37	.2	.4	.4	19	1.36	.055	11	17	1.55	253	.058	4	2.37	.018	.24	.1	.03	3.2	.1	<.05	6	<.5	7.5
SSD2 1375S	.5	18.7	15.7	51	<.1	19.6	10.7	787	2.29	5.9	.3	.9	5.1	16	.1	.3	.3	12	.33	.017	16	13	.84	169	.036	5	1.50	.006	.25	.1	.02	2.6	.1	<.05	4	<.5	5
SSD2 1400S	.6	19.8	12.4	42	<.1	19.0	10.3	619	2.29	7.4	.3	6.7	5.2	10	.1	.3	.3	13	.30	.019	16	13	.74	138	.029	3	1.34	.004	.20	.2	.03	2.4	.1	<.05	4	<.5	15.0
SSD2 1425S	.5	21.6	13.5	43	<.1	18.0	9.7	512	2.29	5.3	.4	37.0	4.9	18	.1	.2	.3	13	.36	.018	16	13	.75	151	.060	5	1.98	.009	.23	.1	.02	2.7	.1	<.05	5	<.5	5
SSD2 1450S	.8	36.2	18.2	42	<.1	23.8	12.3	299	2.63	9.8	.5	<.5	6.5	12	.1	.5	.4	11	.29	.030	20	15	.81	87	.021	5	1.24	.004	.17	.1	.02	2.8	.1	<.05	3	<.5	5
SSD2 1475S	.7	28.9	18.8	50	<.1	23.3	12.4	570	2.64	8.1	.3	3.6	5.7	16	.1	.5	.4	14	.28	.030	17	14	.67	144	.029	4	1.42	.005	.25	.1	.02	2.7	.1	<.05	4	<.5	7.5
SSD2 1500S	.7	29.5	18.1	53	<.1	26.3	11.9	400	2.53	8.0	.5	2.4	5.6	20	.1	.4	.4	13	.35	.033	17	16	.66	119	.051	5	1.96	.013	.21	.1	.03	2.8	.1	<.05	5	<.5	5
SSD2 1525S	.4	21.8	14.0	48	<.1	18.6	9.8	453	2.29	4.9	.3	1.0	5.1	15	<.1	.4	.3	14	.25	.015	17	13	.71	118	.032	3	1.40	.006	.18	.1	.01	2.4	.1	<.05	4	<.5	5
SSD2 1550S	.5	26.3	30.3	149	.1	64.2	11.8	604	2.68	10.2	.7	<.5	4.3	42	.3	1.0	.5	24	.47	.076	12	35	.51	273	.076	6	2.56	.023	.17	.1	.04	2.4	.1	<.05	6	<.5	5
SSD2 1575S	.6	30.5	32.2	249	<.1	41.0	15.8	2410	2.63	12.6	.6	9.2	3.3	68	.5	.6	.5	21	.83	.160	12	21	.83	454	.057	7	2.05	.015	.20	.1	.04	2.5	.1	<.05	5	<.5	5
RE SSD2 1575S	.6	30.8	32.5	262	<.1	41.4	16.2	2452	2.63	13.2	.6	1.3	3.5	73	.5	.6	.5	21	.88	.165	13	20	.82	459	.057	7	2.04	.014	.21	.1	.04	2.5	.1	<.05	5	<.5	5
SSD2 1600S	.9	45.3	22.9	81	<.1	34.0	17.0	640	3.07	12.2	.4	2.0	7.2	14	.1	.8	.5	18	.40	.035	17	17	1.03	113	.016	4	1.57	.007	.17	.1	.02	2.9	.1	<.05	4	<.5	7.5
SSD2 1625S	1.0	29.7	20.6	75	<.1	26.9	12.3	202	2.79	12.2	.3	2.2	5.6	16	.1	1.0	.5	15	.20	.040	17	15	.67	66	.011	3	1.18	.003	.12	.1	.02	1.6	.1	<.05	3	<.5	7.5
SSD2 1650S	.7	31.3	27.4	119	<.1	36.5	14.3	931	2.75	8.0	.6	<.5	6.1	32	.2	.5	.5	19	.36	.032	20	24	.55	228	.033	5	1.74	.007	.21	.1	.03	2.4	.1	<.05	5	<.5	5
SG1 0W	.7	47.5	44.8	111	<.1	19.8	21.0	2268	2.52	17.4	.7	1.2	4.4	36	.4	.4	.6	25	.42	.167	13	13	.48	352	.071	6	2.35	.016	.13	.1	.06	2.4	.1	<.05	6	<.5	7.5
SG1 25W	.7	17.5	17.1	50	<.1	25.6	10.9	315	2.11	10.6	.3	1.5	3.7	18	.1	.4	.4	22	.20	.085	13	19	.40	174	.036	3	1.61	.012	.11	.1	.02	1.5	.1	<.05	5	<.5	7.5
STANDARD DS7	21.1	109.5	71.4	413	.9	56.6	9.7	630	2.41	47.2	4.9	69.7	4.3	67	6.2	5.9	4.4	87	.91	.078	11	165	1.05	365	.123	39	.95	.073	.43	3.9	.21	2.4	4.2	.22	5	3.6	15.0

Sample type: SOIL PULP. 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	Sample gm
SG1 50W	.4	14.4	14.6	39	<.1	18.9	9.3	148	1.78	10.5	.4	1.5	2.9	29	.1	.2	.3	18	.36	.082	8	9	.29	174	.077	3	2.09	.024	.08	.1	.02	1.6	.1	<.05	6	<.5	7.5
SG1 75W	.5	17.5	14.8	55	.1	21.7	9.8	486	1.88	11.3	.6	9.4	3.1	26	.1	.2	.4	20	.23	.175	8	9	.23	170	.105	3	2.61	.024	.08	.2	.04	1.9	.1	<.05	7	<.5	15.0
SG1 100W	.7	18.9	20.8	70	.1	22.5	13.2	626	2.19	10.7	.7	1.4	2.9	22	.2	.3	.4	22	.24	.097	9	11	.25	183	.090	3	2.44	.019	.08	.1	.03	2.1	.1	<.05	6	<.5	15.0
SG1 125W	.8	13.0	19.2	35	.1	11.6	6.8	183	1.94	8.7	.6	.8	1.7	25	.1	.2	.3	26	.34	.030	4	9	.16	149	.155	3	3.06	.029	.06	.2	.03	1.4	.1	<.05	10	<.5	15.0
SG1 150W	.9	50.3	36.2	56	.2	19.9	16.8	799	2.65	17.6	3.0	1.1	3.8	29	.5	.5	.6	14	.89	.030	12	19	.60	394	.021	3	1.60	.009	.10	.1	.04	2.8	<.1	<.05	4	.6	5
SG1 175W	1.7	40.6	25.9	48	<.1	31.0	18.2	308	3.30	25.6	2.7	2.9	7.8	13	<.1	.8	.7	14	.19	.017	23	21	.71	126	.009	1	1.31	.004	.06	.1	.02	2.5	<.1	<.05	4	<.5	7.5
SG1 200W	1.1	21.6	20.2	49	<.1	23.1	11.8	637	2.42	12.7	.3	8.8	4.1	12	.1	.4	.5	15	.17	.044	17	14	.43	161	.022	2	1.34	.006	.08	.1	.03	1.3	.1	<.05	4	<.5	7.5
SG1 225W	.9	15.0	19.5	45	<.1	30.5	12.0	277	2.32	12.4	.3	3.9	3.8	16	.1	.3	.4	20	.15	.040	13	14	.41	250	.050	2	2.23	.012	.11	.1	.03	1.3	.1	<.05	6	<.5	15.0
SG1 250W	.9	12.1	16.8	51	<.1	21.6	10.7	394	2.05	10.6	.3	3.7	3.8	10	.1	.3	.4	19	.11	.033	15	14	.41	175	.030	2	1.66	.008	.09	.1	.03	1.3	.1	<.05	5	<.5	15.0
SG1 275W	.9	16.6	16.9	41	<.1	23.7	10.2	190	2.15	10.2	.3	6.9	4.9	10	<.1	.4	.4	17	.12	.019	18	13	.45	156	.032	2	1.62	.008	.09	.1	.01	1.4	.1	<.05	4	<.5	7.5
SG1 300W	1.3	19.1	19.3	48	<.1	25.9	12.5	271	2.55	13.6	.4	27.4	5.8	9	.1	.5	.5	17	.13	.017	19	15	.58	131	.033	2	1.59	.007	.11	.1	.01	1.7	.1	<.05	4	<.5	7.5
SG1 325W	1.2	17.7	39.5	53	<.1	19.8	9.3	141	2.32	12.8	.3	30.0	6.0	7	<.1	.5	.4	14	.12	.021	23	11	.42	80	.023	2	1.26	.006	.12	.1	.02	1.6	.1	<.05	3	<.5	7.5
SG1 350W	1.3	18.4	18.1	32	<.1	17.0	9.7	161	2.42	10.2	.4	10.5	6.5	6	<.1	.5	.4	12	.11	.021	26	11	.67	67	.014	2	1.15	.004	.12	.2	.01	1.9	.1	<.05	3	<.5	7.5
SG1 375W	1.2	19.7	16.0	35	<.1	16.7	9.8	434	2.25	8.9	.5	4.2	6.1	9	.1	.4	.4	14	.18	.016	22	11	.80	105	.033	3	1.33	.006	.13	.1	.01	2.2	.1	<.05	4	<.5	7.5
SG1 400W	.7	17.9	10.2	27	<.1	14.7	8.6	253	2.00	7.0	.4	2.0	5.9	8	<.1	.3	.3	15	.22	.011	18	11	1.07	97	.044	3	1.56	.007	.22	.2	.01	2.3	.1	<.05	4	<.5	7.5
SG1 425W	1.0	18.3	12.4	28	<.1	19.1	9.7	130	2.26	8.1	.4	7.5	6.0	6	<.1	.6	.4	12	.06	.017	23	8	.44	75	.026	1	1.17	.005	.08	.1	.01	1.5	.1	<.05	3	<.5	15.0
SG1 450W	1.0	17.1	12.7	29	<.1	18.2	10.1	139	2.31	8.1	.4	6.9	6.2	6	<.1	.4	.4	11	.11	.017	23	9	.58	65	.019	1	1.11	.003	.11	.1	.01	1.7	.1	<.05	3	<.5	7.5
SG1 475W	.6	15.0	12.5	30	<.1	17.1	7.8	177	2.00	5.2	.4	1.1	4.0	16	<.1	.3	.3	15	.21	.014	14	9	.52	214	.067	2	2.21	.015	.18	.1	.01	2.0	.1	<.05	6	<.5	7.5
RE SG1 475W	.6	13.8	12.7	30	<.1	16.7	7.7	169	1.97	5.4	.4	1.9	4.1	17	<.1	.3	.3	14	.22	.015	13	9	.52	215	.066	2	2.26	.016	.18	.1	.01	2.0	.1	<.05	6	<.5	7.5
SG1 500W	.5	14.6	11.9	26	<.1	15.1	7.4	356	2.01	4.4	.4	2.8	4.5	18	<.1	.2	.3	17	.33	.011	11	12	1.05	216	.073	2	2.50	.014	.24	.2	.01	2.7	.1	<.05	6	<.5	7.5
SG1 525W	1.0	24.2	14.8	29	<.1	17.7	10.8	184	2.40	9.2	.5	1.7	7.3	8	<.1	.7	.4	15	.22	.012	22	12	1.08	80	.037	2	1.45	.005	.19	.2	.01	2.5	.1	<.05	4	<.5	7.5
SG1 550W	.9	16.7	18.6	36	<.1	17.8	10.9	389	2.42	8.3	.3	<.5	6.3	10	.1	.5	.4	14	.19	.013	21	10	.70	133	.037	4	1.38	.006	.19	.1	.01	2.3	.1	<.05	4	<.5	7.5
SG1 575W	.6	20.0	16.8	32	<.1	17.0	9.4	481	2.31	6.6	.5	12.7	5.3	18	.1	.3	.3	15	.32	.016	15	10	.81	179	.072	4	2.37	.020	.25	.1	.02	3.1	.1	<.05	6	<.5	7.5
SG1 600W	.7	18.5	14.8	33	<.1	15.5	9.6	360	2.18	6.8	.4	2.4	5.1	10	.1	.3	.3	16	.22	.014	16	10	.85	144	.054	2	1.76	.008	.17	.2	.01	2.5	.1	<.05	5	<.5	15.0
SG1 625W	.6	17.3	31.6	33	<.1	17.1	8.8	312	2.22	9.5	.5	<.5	5.8	14	<.1	.3	.3	16	.26	.013	17	12	.94	151	.070	2	2.30	.014	.27	.1	.01	3.0	.1	<.05	5	<.5	7.5
SG1 650W	.6	12.4	35.3	39	<.1	13.5	7.7	426	1.92	6.8	.3	3.4	4.7	13	.1	.3	.3	14	.19	.013	16	9	.56	124	.053	2	1.57	.010	.21	.1	.01	1.9	.1	<.05	4	<.5	15.0
SG1 675W	.6	11.7	22.6	35	<.1	14.2	8.0	484	1.92	4.6	.4	<.5	4.7	14	<.1	.2	.3	14	.21	.012	17	9	.57	138	.053	2	1.60	.010	.26	.1	.02	2.1	.1	<.05	4	<.5	15.0
SG1 700W	.6	13.9	18.7	33	<.1	15.5	8.8	227	2.06	5.2	.4	1.0	4.6	13	.1	.3	.3	17	.24	.013	15	11	.66	112	.057	2	1.82	.011	.18	.1	.02	2.3	.1	<.05	5	<.5	7.5
SG1 725W	.8	19.2	14.1	35	<.1	17.8	10.0	228	2.24	6.4	.4	.9	5.6	11	<.1	.4	.4	18	.26	.013	17	12	.81	93	.047	3	1.61	.006	.25	.1	.01	2.4	.1	<.05	4	<.5	7.5
SG1 750W	.8	20.9	17.0	35	<.1	18.8	10.9	311	2.36	8.7	.4	8.0	6.7	11	<.1	.5	.4	18	.20	.014	19	11	.78	96	.047	4	1.65	.008	.29	.1	.01	2.6	.1	<.05	4	<.5	7.5
SG1 775W	.8	20.4	14.3	34	<.1	18.2	10.2	295	2.27	6.8	.4	.9	5.7	10	<.1	.4	.3	17	.20	.013	16	11	.83	103	.037	2	1.53	.006	.16	.1	.01	2.6	.1	<.05	4	<.5	7.5
SG1 800W	1.2	29.4	18.0	38	<.1	24.0	13.8	255	2.57	7.1	.5	.9	6.4	10	.1	.5	.4	21	.32	.013	16	15	1.30	79	.043	3	1.80	.006	.19	.2	.01	3.2	.1	<.05	5	<.5	7.5
SG1 825W	1.1	15.3	19.7	45	<.1	20.1	10.8	1050	2.46	5.7	.4	8.0	4.4	33	.1	.3	.4	20	.36	.023	14	16	.51	250	.059	5	2.17	.012	.26	.1	.03	2.6	.1	<.05	5	<.5	7.5
SG1 850W	2.3	42.4	24.0	47	<.1	35.1	16.6	236	3.39	13.1	.6	5.3	7.0	11	<.1	.4	.9	20	.11	.031	26	15	.59	75	.015	2	1.36	.004	.13	.1	.01	2.4	.1	<.05	3	<.5	7.5
STANDARD DS7	21.3	109.2	72.1	413	.9	56.8	9.7	632	2.40	47.6	4.9	73.4	4.4	68	6.3	5.8	4.5	88	.91	.077	12	167	1.07	365	.124	39	.97	.073	.43	3.9	.21	2.5	4.2	.20	5	3.6	15.0

Sample type: SOIL PULP. 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	Sample gm
SG1 875W	1.6	18.6	20.0	38	<.1	20.8	13.1	260	2.63	8.8	.5	1.7	7.0	14	.1	.5	.5	15	.19	.018	24	11	.56	81	.034	2	1.26	.005	.16	.1	.02	2.0	.1	<.05	3	<.5	7.5
SG1 900W	1.5	25.4	20.1	41	<.1	31.9	15.0	629	2.99	7.1	.6	6.4	7.9	26	.2	.4	.5	16	.34	.019	23	20	.51	223	.035	3	1.54	.007	.22	.1	.03	3.1	.1	<.05	4	<.5	7.5
SG1 925W	1.0	25.2	17.5	46	<.1	28.0	19.2	245	2.55	12.0	.4	2.1	8.3	13	.1	.3	.5	16	.20	.023	23	16	.81	71	.014	1	1.50	.004	.11	.1	.02	2.0	.1	<.05	4	<.5	5
SG1 950W	.9	21.9	18.2	45	<.1	26.5	15.0	358	2.57	7.6	.4	<.5	4.9	11	.1	.3	.4	20	.23	.014	15	17	1.30	97	.041	3	1.90	.005	.09	.2	.02	2.5	.1	<.05	5	<.5	[illegible]
RE SG1 950W	.9	21.2	18.3	44	<.1	25.1	15.0	346	2.49	7.6	.4	<.5	5.0	11	.1	.4	.4	19	.23	.014	15	16	1.28	95	.041	2	1.88	.005	.09	.3	.01	2.5	.1	<.05	5	<.5	5
SG1 975W	1.4	42.2	49.3	47	.1	94.2	25.5	716	3.74	18.7	.5	3.5	8.6	31	.1	.7	.4	26	.43	.031	35	83	1.11	104	.007	6	1.91	.004	.11	.1	.04	5.6	.1	<.05	5	<.5	[illegible]
SG1 1000W	1.1	39.6	22.1	42	<.1	29.7	16.9	283	2.84	9.7	.5	2.3	6.1	9	.1	.5	.5	18	.20	.020	16	18	1.30	55	.031	2	1.83	.004	.10	.2	.02	2.7	.1	<.05	4	<.5	7.5
SG1 1025W	.7	16.7	18.7	36	<.1	19.5	11.9	472	2.27	6.9	.4	2.6	4.7	13	.1	.4	.4	18	.25	.015	16	13	.84	125	.048	2	1.76	.006	.15	.1	.02	2.0	.1	<.05	4	<.5	7.5
SG1 1050W	.7	16.7	15.0	30	<.1	17.6	9.8	155	2.18	6.5	.4	1.7	4.8	17	<.1	.3	.3	18	.29	.012	16	14	1.03	116	.059	2	2.04	.011	.11	.1	.02	2.5	.1	<.05	5	<.5	5
SG1 1075W	.8	18.3	20.6	40	<.1	23.5	13.8	701	2.72	7.2	.5	12.8	6.6	17	.1	.4	.4	20	.26	.015	18	16	.89	178	.050	2	2.00	.008	.16	.2	.02	3.0	.1	<.05	5	<.5	7.5
SG1 1100W	.8	12.3	17.4	52	<.1	26.4	16.0	357	2.93	8.8	.5	13.2	8.8	15	.1	.4	.5	17	.20	.021	23	12	.58	120	.031	2	1.69	.006	.13	.1	.02	2.6	.1	<.05	4	<.5	15.0
SG1 1125W	1.2	14.6	16.3	34	<.1	23.8	13.6	570	2.62	11.7	.5	4.1	8.1	15	.1	.4	.5	11	.19	.028	24	10	.34	103	.011	2	.93	.004	.12	.1	.03	1.7	.1	<.05	2	<.5	7.5
SG1 1150W	1.4	14.3	14.9	31	<.1	24.4	12.3	246	2.49	13.2	.5	251.7	8.4	11	.1	.5	.5	8	.17	.027	26	9	.26	53	.008	3	.66	.003	.10	.1	.02	1.5	<.1	<.05	2	<.5	7.5
SG1 1175W	1.2	20.1	17.8	43	<.1	27.7	15.2	478	2.57	10.5	.4	3.2	5.7	18	.1	.4	.4	17	.35	.020	19	15	.68	216	.043	4	1.81	.011	.18	.2	.02	2.3	.1	<.05	5	<.5	7.5
SG2 0W	.6	18.4	15.1	50	.2	18.3	12.0	473	1.99	12.1	.5	1.2	2.5	17	.1	.3	.4	21	.13	.227	8	11	.23	126	.081	2	2.49	.020	.07	.2	.04	1.6	.1	<.05	7	<.5	7.5
SG2 25W	.7	23.4	18.4	49	.2	23.0	11.2	345	2.17	12.3	.6	10.4	2.3	16	.1	.3	.4	19	.15	.086	13	13	.31	107	.052	1	2.12	.014	.07	.1	.04	1.6	.1	<.05	5	<.5	15.0
SG2 50W	.4	15.5	15.2	47	.2	21.8	9.4	779	1.82	9.2	.5	.7	2.1	27	.1	.2	.3	23	.26	.193	6	11	.22	147	.091	2	2.86	.021	.07	.2	.03	1.7	.1	<.05	7	<.5	15.0
SG2 75W	.6	13.9	15.9	58	.3	24.2	11.1	453	2.01	10.0	.4	42.9	2.2	17	.1	.2	.3	24	.14	.160	7	12	.24	147	.080	2	2.36	.020	.08	.1	.04	1.5	.1	<.05	7	<.5	7.5
SG2 100W	.6	12.0	14.9	44	.1	24.5	9.5	423	2.02	9.9	.4	.9	2.7	24	.1	.2	.3	25	.19	.172	7	12	.23	142	.094	2	3.25	.022	.07	.1	.03	1.5	.1	<.05	7	<.5	15.0
SG2 125W	.5	12.1	21.0	60	.2	16.5	9.8	879	1.58	6.4	.3	<.5	1.1	21	.2	.2	.4	19	.25	.082	9	12	.24	126	.049	2	1.39	.011	.09	.1	.04	1.0	.1	<.05	6	<.5	[illegible]
SG2 150W	.8	21.5	17.0	44	.2	22.7	11.6	445	2.17	11.5	.4	1.1	2.9	25	.1	.4	.4	17	.26	.058	13	13	.37	114	.032	1	1.62	.009	.07	.1	.02	1.1	.1	<.05	5	<.5	5
SG2 175W	.8	16.2	17.3	72	.2	22.7	12.4	853	2.12	9.5	.3	1.9	1.8	11	.1	.3	.4	21	.10	.122	12	14	.32	135	.042	2	1.87	.011	.09	.2	.03	1.3	.1	<.05	6	<.5	7.5
SG2 200W	1.0	28.1	25.7	53	.1	23.8	11.8	448	2.37	12.5	.4	2.0	3.3	15	.1	.6	.5	15	.15	.076	15	15	.42	76	.027	2	1.35	.008	.07	.1	.04	1.4	.1	<.05	4	<.5	.5
SG2 225W	.6	14.5	15.9	81	.2	20.4	9.5	1233	1.73	6.3	.3	6.0	1.7	18	.1	.2	.3	19	.14	.230	9	12	.24	250	.050	2	1.80	.012	.09	.1	.02	1.3	.1	<.05	6	<.5	15.0
SG2 250W	.8	13.1	13.8	60	<.1	18.2	9.6	965	1.65	5.8	.3	.9	1.8	24	.1	.2	.3	17	.14	.172	10	11	.23	208	.044	2	1.53	.011	.08	.1	.03	1.1	.1	<.05	5	<.5	7.5
SG2 275W	.8	16.5	19.7	69	.1	20.3	12.4	744	2.01	9.7	.4	7.4	2.0	20	.1	.3	.4	20	.20	.107	12	13	.32	154	.038	2	1.62	.010	.08	.1	.03	1.2	.1	<.05	5	<.5	7.5
SG2 300W	.8	16.3	21.2	69	.2	20.5	12.2	778	2.01	9.9	.4	5.0	1.8	21	.1	.3	.4	22	.23	.112	11	13	.31	161	.041	4	1.62	.011	.09	.1	.04	1.2	.1	<.05	6	<.5	7.5
SG2 325W	1.2	25.0	18.4	43	<.1	21.2	12.0	224	2.57	12.6	.4	4.6	6.4	7	.1	.6	.5	15	.05	.039	25	12	.44	85	.011	1	1.10	.004	.07	.1	.01	1.3	<.1	<.05	3	<.5	7.5
SG2 350W	.9	14.9	16.0	43	<.1	20.0	10.1	372	2.03	8.7	.4	8.6	4.0	14	.1	.3	.4	18	.14	.049	16	12	.36	140	.030	2	1.38	.010	.08	.1	.02	1.2	.1	<.05	4	<.5	7.5
SG2 375W	.5	11.3	12.4	55	<.1	17.6	7.8	789	1.62	8.2	.3	.6	2.7	25	.2	.2	.3	19	.31	.156	10	9	.28	198	.055	3	1.81	.017	.11	.1	.02	1.3	.1	<.05	5	<.5	7.5
SG2 400W	.8	21.1	31.2	77	.2	27.7	14.7	589	2.38	10.5	.5	12.1	4.9	19	.1	.4	.7	21	.22	.062	16	11	.34	164	.052	2	2.17	.020	.11	.1	.02	1.6	.1	<.05	5	<.5	7.5
SG2 425W	.7	15.4	17.3	76	.2	26.2	11.4	624	2.01	11.0	.3	7.2	3.5	19	.1	.3	.4	21	.22	.074	13	12	.48	202	.050	3	2.03	.013	.10	.1	.02	1.4	.1	<.05	6	<.5	15.0
SG2 450W	.7	17.8	16.3	62	.3	29.8	10.8	315	2.03	8.1	.4	.7	2.9	21	.1	.3	.4	21	.25	.058	11	12	.35	162	.056	2	2.06	.018	.09	.1	.03	1.3	.1	<.05	6	<.5	7.5
SG2 475W	.6	13.2	15.0	63	.2	25.4	8.9	507	1.82	7.2	.4	1.2	2.6	19	.1	.2	.3	23	.18	.070	9	11	.29	168	.074	2	2.31	.020	.08	.1	.03	1.4	.1	<.05	6	<.5	15.0
STANDARD DS7	21.2	110.6	70.8	412	.9	56.3	9.8	624	2.41	48.0	4.9	70.0	4.4	68	6.5	5.9	4.5	87	.92	.079	12	165	1.06	369	.125	39	.96	.073	.44	3.9	.21	2.5	4.2	.22	5	3.7	15.0

Sample type: SOIL PULP. 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	Sample gm
SG2 500W	.7	11.9	17.0	73	<.1	22.4	9.9	769	1.87	6.8	.3	<.5	2.4	17	.1	.3	.3	24	.20	.054	12	12	.34	163	.047	4	1.84	.012	.07	.1	.03	1.2	1	<.05	6	<5	7.5
SG2 525W	.8	13.1	20.0	77	.1	21.7	10.0	1264	1.96	7.0	.5	141.9	2.5	23	.1	.3	.4	25	.25	.059	11	12	.34	224	.062	3	2.22	.017	.08	.1	.04	1.4	1	<.05	6	<5	7.5
SG2 550W	.6	12.1	16.7	80	.1	27.4	10.5	473	1.95	6.7	.4	<.5	2.5	25	.1	.2	.4	26	.22	.059	11	12	.31	218	.060	4	2.26	.017	.08	.1	.03	1.4	1	<.05	6	<5	7.5
SG2 575W	.8	15.4	18.7	67	.1	26.0	11.4	652	1.98	6.4	.4	<.5	3.3	22	.1	.3	.4	22	.31	.038	12	14	.38	212	.040	5	2.02	.014	.09	.1	.02	1.4	.1	<.05	6	<5	7.5
SG2 600W	1.0	19.6	17.2	53	<.1	23.1	10.2	361	2.12	9.4	.4	.7	4.4	17	.1	.4	.4	21	.21	.059	17	13	.40	108	.046	4	1.73	.017	.11	.1	.02	1.3	1	<.05	5	<5	7.5
SG2 625W	1.1	24.4	19.6	43	<.1	20.2	11.1	230	2.29	10.3	.6	1.9	5.2	13	.1	.4	.4	27	.26	.034	18	16	1.38	127	.059	4	2.07	.012	.14	.3	.02	2.5	2	<.05	6	<5	7.5
SG2 650W	.7	17.1	14.8	33	<.1	17.3	9.7	225	2.25	7.4	.5	2.2	5.5	12	.1	.3	.3	23	.18	.039	21	12	.95	120	.050	4	1.83	.011	.15	.2	.01	2.3	1	<.05	5	<.5	7.5
SG2 675W	.8	18.0	16.8	34	<.1	18.1	9.8	389	2.30	8.0	.4	<.5	4.8	15	.1	.3	.3	20	.25	.042	19	12	.83	145	.039	6	1.68	.009	.15	.2	.01	2.4	1	<.05	4	<5	[illegible]
SG2 700W	.6	18.3	17.5	49	<.1	21.2	12.9	676	2.21	8.2	.7	15.7	4.8	30	.1	.2	.4	23	.36	.072	17	12	.64	125	.052	4	1.99	.015	.16	.1	.02	2.2	1	<.05	5	<.5	15.0
SG2 725W	.7	21.3	47.6	47	<.1	24.3	12.6	362	2.21	8.4	.7	9.6	4.3	26	.1	.3	.4	22	.25	.041	16	12	.45	125	.050	3	2.18	.017	.10	.1	.02	2.0	.1	<.05	5	<5	15.0
SG2 750W	.7	13.4	18.6	50	<.1	21.5	11.0	723	2.07	7.7	.3	<.5	4.6	15	<.1	.3	.4	22	.17	.029	17	17	.49	162	.032	3	1.77	.010	.12	.1	.02	1.5	.1	<.05	5	<.5	7.5
SG2 775W	1.0	18.1	20.1	48	<.1	23.5	11.0	368	2.15	11.4	.3	3.0	4.5	17	.1	.4	.4	20	.19	.050	18	14	.45	139	.041	4	1.85	.013	.10	.1	.02	1.5	.1	<.05	5	<.5	7.5
SG2 800W	1.2	16.6	27.7	36	<.1	14.4	8.5	174	2.12	9.7	.3	.6	6.4	5	.1	.4	.4	13	.06	.019	30	8	.45	42	.018	3	.85	.003	.17	.1	.01	1.2	1	<.05	3	<5	7.5
SG2 825W	1.1	19.8	29.6	43	<.1	19.5	10.1	271	2.23	9.5	.6	3.9	6.0	15	.1	.4	.4	17	.18	.032	24	12	.50	98	.038	3	1.46	.009	.13	.2	.01	2.0	.1	<.05	4	<.5	7.5
SG2 850W	.7	17.0	16.1	36	<.1	20.8	9.4	186	1.98	5.9	.4	.8	4.0	20	<.1	.2	.3	21	.18	.041	13	10	.45	185	.072	3	2.54	.021	.11	.1	.02	1.7	.1	<.05	6	<5	15.0
SG2 875W	.9	23.3	15.6	37	<.1	20.4	10.9	163	2.36	9.1	.6	18.9	6.4	9	.1	.5	.4	16	.13	.017	23	14	.73	58	.027	2	1.32	.007	.09	.1	.02	2.2	1	<.05	4	<.5	7.5
SG2 900W	.6	10.7	13.0	39	<.1	22.3	8.5	223	1.90	6.3	.3	40.6	2.8	22	.1	.2	.3	20	.23	.029	11	11	.41	170	.075	3	2.54	.022	.13	.1	.02	1.4	.1	<.05	7	<5	15.0
SG2 925W	.8	15.6	13.6	36	<.1	18.6	10.4	294	2.23	7.1	.3	1.2	5.3	8	.1	.3	.3	15	.14	.016	21	13	.68	75	.033	3	1.40	.005	.14	.1	.01	1.5	1	<.05	4	<5	7.5
SG2 950W	.9	16.1	14.1	36	<.1	18.6	10.1	341	2.32	6.1	.4	1.9	5.4	12	.1	.3	.3	18	.27	.016	19	13	.95	94	.047	3	1.68	.008	.18	.1	.01	2.4	1	<.05	5	<5	7.5
SG2 975W	1.0	17.8	17.1	44	<.1	21.6	10.4	558	2.28	6.1	.5	5.8	5.1	19	.1	.3	.3	18	.19	.022	16	11	.55	195	.058	2	2.18	.013	.13	.1	.01	2.1	1	<.05	6	<5	7.5
SG2 1000W	1.1	19.3	19.2	41	<.1	18.6	10.2	445	2.34	6.7	.5	2.6	5.1	17	.1	.4	.4	17	.30	.022	18	12	.76	122	.045	3	1.71	.010	.16	.1	.02	2.4	.1	<.05	5	<5	7.5
SG2 1025W	1.0	34.8	24.6	42	<.1	21.2	12.3	382	2.72	8.2	.6	10.7	7.1	16	.1	.5	.4	21	.36	.024	21	14	.96	116	.049	3	1.83	.014	.21	.2	.02	3.1	.1	<.05	5	<.5	7.5
SG2 1050W	.8	13.1	17.9	39	<.1	16.5	9.5	781	2.25	5.1	.3	2.2	4.7	17	.1	.3	.3	19	.23	.021	17	12	.65	180	.047	4	1.69	.008	.17	.1	.03	2.2	.1	<.05	4	<.5	7.5
SG2 1075W	.6	12.7	16.0	37	<.1	19.0	9.2	574	2.02	3.8	.6	1.2	4.0	29	.1	.2	.3	19	.42	.020	14	11	.52	155	.084	5	2.61	.023	.15	.1	.03	2.5	.1	<.05	6	<.5	7.5
SG2 1100W	.7	20.6	13.1	34	<.1	21.8	12.2	212	2.17	7.2	.4	.6	3.9	14	.1	.3	.3	18	.30	.017	14	15	1.00	74	.043	2	1.70	.005	.09	.1	.02	2.2	.1	<.05	4	<.5	5
SG2 1125W	.7	15.8	14.0	33	<.1	18.3	11.0	293	2.14	6.0	.4	1.5	4.8	11	.1	.3	.3	20	.19	.016	20	13	.86	81	.035	2	1.59	.005	.10	.1	.01	1.9	.1	<.05	4	<.5	7.5
SG2 1150W	.8	13.9	16.7	34	<.1	16.7	11.0	856	2.13	5.2	.4	24.3	4.6	18	.1	.2	.4	16	.33	.018	15	11	.68	164	.041	4	1.65	.007	.14	.1	.03	2.2	1	<.05	4	<5	5
SG2 1175W	.6	16.6	17.8	45	<.1	21.6	11.3	463	2.18	6.1	.4	109.9	3.4	20	.1	.2	.3	21	.33	.022	11	12	.91	222	.081	4	2.94	.018	.13	.2	.02	2.1	1	<.05	7	<5	7.5
SG2 1200W	1.1	31.0	17.6	34	<.1	23.0	15.3	257	2.72	11.7	.5	4.0	9.1	20	.1	.5	.6	11	2.19	.035	25	11	.76	63	.011	3	.92	.007	.12	1	.03	1.9	1	<.05	3	<.5	7.5
SG2 1225W	.9	29.1	18.7	47	<.1	24.7	13.5	462	2.50	9.4	.6	4.2	6.4	17	.1	.4	.4	20	.27	.033	20	14	.85	152	.050	4	1.83	.016	.19	.1	.02	2.9	1	<.05	5	5	7.5
L89 700E	.9	31.6	98.2	290	.5	37.3	14.3	512	2.78	14.0	.8	23.4	5.0	17	.4	.8	.4	31	.16	.082	11	13	.30	154	.089	2	3.01	.012	.09	2	.07	2.6	.2	<.05	7	<.5	15.0
L89 725E	1.1	34.8	63.1	207	.3	37.0	16.7	512	2.78	11.6	.8	9.1	5.0	17	.4	.9	.5	27	.16	.066	19	15	.34	148	.053	3	1.91	.009	.12	2	.02	2.3	2	<.05	5	<5	7.5
L89 750E	1.0	32.5	35.6	277	.4	35.6	13.1	398	2.57	10.8	.7	7.1	5.4	15	.4	.6	.4	29	.12	.064	17	13	.35	237	.066	3	2.25	.010	.11	.2	.02	2.4	2	<.05	5	<5	7.5
RE L89 750E	.9	31.7	34.7	278	.4	35.0	13.4	399	2.56	10.7	.7	3.6	5.3	15	.4	.6	.4	30	.12	.064	17	14	.34	233	.067	3	2.20	.010	.11	.2	.03	2.5	2	<.05	6	<5	7.5
STANDARD DS7	21.2	112.5	72.3	416	.9	57.2	9.9	626	2.41	47.1	5.0	71.2	4.4	68	6.2	5.8	4.4	90	.91	.078	12	169	1.05	366	.125	39	.96	.071	.43	3.8	.20	2.5	4.2	.22	5	3.5	15.0

Sample type: SOIL PULP. 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	Sample gm
L89 775E	.8	25.0	49.3	191	.4	36.2	12.7	593	2.58	9.2	.7	6.1	5.0	13	.4	.6	.4	27	.14	.060	10	12	.30	175	.092	3	3.03	.012	.10	2	.03	2.6	.2	<.05	7	<.5	7.5
L89 800E	.9	29.5	41.3	173	.4	35.4	14.0	313	2.65	9.4	.6	9.5	5.1	12	.3	.6	.4	28	.10	.045	13	13	.36	175	.073	2	2.48	.010	.09	.2	.02	2.2	.1	<.05	6	<.5	15.0
L89 825E	.5	16.1	29.7	228	.3	37.1	9.9	423	1.83	6.5	.5	2.0	3.5	13	.3	.2	.3	23	.10	.065	9	10	.26	218	.085	3	2.29	.019	.10	.1	.03	2.0	.1	<.05	6	<.5	7.5
L89 850E	.7	22.1	27.5	143	.3	33.8	10.5	532	2.19	9.0	.7	18.2	3.1	15	.2	.4	.3	22	.13	.134	12	11	.29	228	.070	2	2.50	.012	.08	.2	.03	2.0	.1	<.05	7	<.5	7.5
L89 875E	.5	11.0	19.8	172	.2	19.8	8.4	1443	1.57	4.2	.4	7	2.2	15	.2	.2	.3	19	.12	.078	9	9	.17	216	.051	3	1.74	.013	.06	.1	.03	1.4	.1	<.05	5	<.5	7.5
L89 900E	.7	10.6	22.0	142	.3	23.3	8.3	1412	1.71	5.6	.4	3.0	2.5	28	.3	.3	.3	18	.25	.111	10	10	.22	261	.051	2	1.79	.013	.08	.1	.03	1.5	.1	<.05	5	<.5	15.0
L89 925E	.6	18.4	31.6	111	.3	49.6	9.1	458	1.93	7.5	.4	11.2	4.1	20	.3	.4	.3	18	.15	.079	12	9	.23	192	.061	2	2.09	.015	.09	.1	.02	1.6	.1	<.05	5	<.5	7.5
L89 950E	.8	16.6	58.0	107	.3	31.6	9.8	521	2.20	10.7	.3	16.4	4.5	20	.2	.7	.4	17	.16	.052	15	10	.19	143	.036	2	1.48	.009	.09	.1	.03	1.2	.1	<.05	4	<.5	7.5
L89 975E	1.3	34.2	91.0	108	.2	27.5	13.5	337	2.98	14.8	.5	9.9	6.2	14	.1	1.3	.6	17	.14	.052	22	11	.33	96	.026	2	1.37	.005	.13	.1	.02	1.5	.1	<.05	4	<.5	7.5
L89 1000E	1.4	29.6	105.2	86	.1	27.9	15.6	637	2.48	14.0	.5	1.2	5.6	27	.2	1.0	.6	12	.25	.043	22	13	.20	113	.009	4	1.00	.005	.11	.1	.02	1.9	.1	<.05	2	<.5	5
L89 1025E	1.3	54.9	73.8	110	.2	27.5	21.0	606	2.60	27.2	.7	1.9	9.7	13	.2	1.2	.8	6	.16	.041	30	7	.17	52	.006	6	.76	.004	.11	.1	.02	1.6	.1	<.05	2	<.5	5
RE L89 1025E	1.2	53.9	76.7	112	.2	27.7	21.8	615	2.61	28.3	.7	3.6	9.6	13	.2	1.2	.8	6	.16	.041	30	7	.17	51	.006	5	.77	.004	.11	<.1	.02	1.6	.1	<.05	2	<.5	5
L89 1050E	.9	31.3	49.4	163	.3	25.5	13.6	2238	2.07	14.7	.7	2.3	1.8	30	.7	.8	.6	12	.28	.193	15	8	.17	240	.035	5	1.57	.011	.10	.1	.04	1.3	.1	<.05	4	<.5	5
L89 1075E	1.0	48.5	42.4	170	.2	26.5	15.8	1389	2.83	22.3	.8	23.3	3.4	42	.6	1.2	.8	12	.37	.227	17	9	.22	155	.038	6	1.60	.012	.12	.1	.04	2.0	.1	<.05	4	<.5	5
L89 1100E	1.0	47.7	38.6	178	.2	27.8	17.3	1201	3.15	24.3	.9	85.6	4.5	43	.5	1.2	.8	13	.38	.263	18	10	.24	141	.043	4	1.80	.013	.13	.1	.03	2.5	.1	<.05	4	<.5	5
L89 1125E	.8	22.7	31.8	170	<.1	20.1	9.5	745	1.99	13.0	.4	8.7	4.7	49	.4	.5	.5	14	.31	.105	16	6	.12	217	.031	4	1.22	.010	.11	.1	.02	1.3	.1	<.05	3	<.5	5
L89 1150E	.6	16.9	71.3	346	<.1	26.3	9.2	1986	1.70	13.3	.4	.7	2.6	60	.6	.4	.4	14	.33	.149	12	13	.17	346	.051	4	1.70	.016	.13	<.1	.03	1.6	.1	<.05	4	<.5	5
L89 1175E	.8	35.4	39.1	111	<.1	27.0	13.1	158	2.69	12.3	.5	1.0	8.8	17	.2	1.0	.7	12	.17	.020	29	9	.33	72	.032	2	1.60	.008	.09	.1	.01	1.7	.1	<.05	4	<.5	5
L89 1200E	.8	32.4	32.9	85	.2	30.0	11.7	132	2.51	10.6	.8	2.6	7.0	33	.2	.7	.5	19	.16	.038	17	10	.29	125	.084	2	2.83	.021	.09	.1	.03	2.4	.1	<.05	6	<.5	15.0
L90 700E	.9	11.6	14.2	42	.2	36.8	11.7	479	2.00	7.3	.8	10.7	4.1	18	.1	.3	.3	23	.14	.062	9	9	.20	146	.120	2	3.58	.019	.07	.2	.03	2.2	.1	<.05	8	<.5	15.0
L90 725E	.8	9.6	20.3	54	.3	48.3	9.2	823	1.80	10.3	.3	3.9	2.2	16	.3	.3	.4	20	.18	.063	7	8	.15	153	.078	2	2.34	.013	.07	.2	.05	1.4	.1	<.05	7	<.5	15.0
L90 750E	.9	18.8	21.2	116	.8	64.0	9.6	916	1.90	7.3	.7	5.2	3.6	15	.4	.4	.3	20	.12	.108	11	9	.19	161	.090	2	2.66	.019	.07	.2	.04	2.6	.2	<.05	6	<.5	15.0
L90 775E	.8	16.4	24.1	119	.5	34.1	9.5	1139	1.89	6.6	.4	3.4	2.6	24	.5	.3	.3	18	.20	.097	12	9	.21	197	.049	2	1.88	.010	.07	.1	.04	1.5	.1	<.05	5	<.5	7.5
L90 800E	.9	20.0	20.4	106	.3	28.7	10.6	864	2.28	7.9	.5	28.7	3.9	18	.2	.6	.4	16	.14	.069	18	11	.24	215	.030	2	1.61	.008	.09	.1	.03	1.4	.1	<.05	4	<.5	7.5
L90 825E	2.8	116.6	70.3	259	<.1	32.9	33.2	549	4.16	79.4	.5	3.0	6.5	12	.3	2.4	1.4	7	.09	.071	23	9	.33	87	.005	4	.96	.003	.06	<.1	.02	1.2	.1	<.05	2	<.5	5
L90 850E	1.8	35.0	29.7	138	.3	60.2	12.7	483	2.66	52.5	.3	2.5	5.4	10	.3	1.0	.6	13	.06	.035	19	8	.22	105	.026	2	1.42	.007	.07	.1	.02	1.3	.1	<.05	4	<.5	5
L90 875E	1.3	26.5	33.3	104	.2	45.7	13.2	384	2.80	14.8	.4	13.1	5.3	16	.3	1.0	.7	14	.13	.035	19	9	.20	114	.023	1	1.63	.006	.12	.1	.03	1.3	.2	<.05	4	<.5	5
L90 900E	3.1	124.5	264.6	132	.7	44.1	18.4	518	4.82	42.6	.6	22.3	8.5	23	.3	2.8	2.5	6	.18	.047	29	5	.07	73	.005	7	.54	.002	.09	.1	.03	1.9	.2	<.05	1	<.5	5
L90 925E	3.1	68.4	95.4	91	.3	31.6	12.4	140	3.23	30.6	.5	36.8	7.4	8	.2	2.3	1.3	5	.07	.038	39	5	.06	26	.003	1	.43	.002	.08	.1	.01	1.3	.2	<.05	1	<.5	5
L90 950E	2.1	44.6	131.6	118	.3	32.2	16.7	927	2.81	23.9	.5	11.0	4.6	26	.4	1.5	1.0	8	.26	.067	29	5	.08	124	.011	4	.76	.004	.09	.1	.03	1.2	.2	<.05	2	<.5	5
L90 975E	1.0	43.1	37.9	182	.2	34.6	19.6	1540	3.26	16.8	1.2	4.3	2.8	59	.5	1.0	.9	18	.50	.414	16	11	.26	281	.046	6	2.36	.010	.13	.1	.04	2.4	.2	.07	5	<.5	5
L90 1000E	.4	16.9	20.2	119	.1	26.2	10.1	1031	2.02	16.6	.5	18.1	2.9	48	.3	.3	.4	18	.44	.279	9	10	.16	231	.076	6	2.16	.022	.11	.1	.04	2.0	.1	<.05	5	<.5	5
L90 1025E	.8	25.9	37.2	262	.1	29.5	15.9	2304	2.45	17.4	.5	21.7	4.3	42	.6	.4	.5	20	.32	.129	18	12	.19	359	.036	3	1.65	.010	.13	.1	.04	2.0	.2	<.05	4	<.5	5
L90 1050E	2.0	91.5	834.5	358	.6	46.7	19.1	425	5.21	50.8	.6	15.4	12.2	16	.4	6.1	2.2	13	.13	.034	29	12	.47	49	.012	2	1.37	.003	.09	.1	.02	1.6	.1	<.05	4	<.5	7.5
STANDARD DS7	21.3	111.3	71.3	416	.9	57.0	9.8	630	2.42	48.4	5.0	71.4	4.4	68	6.4	6.0	4.5	88	.93	.080	12	166	1.06	375	.126	39	.97	.073	.44	3.9	.20	2.5	4.2	.22	5	3.7	15.0

Sample type: SOIL PULP. 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	Sample gm
L90 1075E	.8	20.4	80.0	182	.2	32.1	11.2	300	2.27	16.5	.4	5.1	6.4	26	.2	.7	.5	13	.18	.023	22	9	.20	143	.036	7	1.60	.009	.16	1	.03	1.6	.1	<.05	4	<5	5
L90 1100E	.9	14.9	72.2	249	<.1	32.8	12.9	1277	2.22	19.2	.4	4.3	5.7	37	.5	.7	.5	16	.26	.046	17	9	.19	222	.038	5	1.75	.009	.15	1	.05	1.5	.1	<.05	4	<.5	7.5
L90 1125E	2.5	66.3	98.4	207	.2	43.5	17.5	241	3.62	31.0	1.0	1.7	9.7	36	.4	2.7	1.2	11	.20	.025	24	17	.26	83	.022	2	1.46	.009	.10	.1	.02	2.4	.1	<.05	4	<5	5
RE L90 1125E	2.4	70.3	102.0	218	.3	46.0	18.7	250	3.78	32.6	1.0	2.4	10.0	37	.4	2.6	1.2	11	.20	.026	24	17	.27	85	.023	4	1.55	.009	.11	<.1	.04	2.5	.1	<.05	4	<5	5
L90 1150E	1.3	72.0	66.5	302	.3	45.0	21.0	470	3.73	38.0	.5	50.6	8.9	16	.4	2.2	1.1	7	.12	.021	28	10	.20	51	.017	3	.95	.004	.08	1	.04	2.4	1	<.05	2	<5	7.5
L90 1175E	1.3	52.8	57.3	125	.2	43.8	16.7	183	3.71	21.4	.7	15.3	8.5	16	.1	2.4	1.3	12	.14	.020	24	11	.25	66	.021	2	1.32	.005	.15	.1	.02	2.5	1	<.05	3	<5	7.5
L90 1200E	.8	22.0	70.7	222	.3	17.8	13.2	1161	2.03	12.2	.3	162.8	9.5	29	.6	.7	.8	6	.23	.027	34	7	.19	108	.003	2	.94	.004	.13	<1	.05	1.0	1	<.05	2	<5	-
L92 700E	1.6	39.9	45.7	93	.3	43.8	20.1	710	3.43	17.9	.7	2.8	5.6	23	.1	2.0	.9	15	.18	.046	22	11	.29	105	.026	3	1.83	.006	.10	1	.03	1.5	.1	<.05	5	<5	7.5
L92 725E	1.9	49.2	71.4	116	.2	51.9	26.0	1882	3.85	20.2	.8	2.5	4.6	26	.4	3.0	1.3	14	.23	.100	22	10	.31	175	.016	1	1.76	.005	.11	.1	.04	1.5	.2	<.05	5	<.5	7.5
L92 750E	2.0	50.7	38.5	78	.2	31.0	28.7	1328	4.02	20.5	2.7	4.7	4.5	22	.3	1.9	1.3	7	.26	.067	22	10	.27	60	.006	1	.91	.003	.08	.1	.03	1.8	1	<.05	2	5	5
L92 775E	.8	32.6	31.8	180	.3	30.8	19.1	5320	2.67	11.6	.6	3.0	2.4	99	.7	.9	.7	17	.86	.302	15	10	.20	528	.039	4	1.83	.009	.13	1	.06	1.7	.1	<.05	5	<5	7.5
L92 800E	1.5	50.3	52.3	170	<.1	29.2	27.8	2314	3.43	20.0	.6	.7	5.2	32	.8	2.0	1.3	10	.14	.162	25	11	.28	225	.014	4	1.18	.004	.10	.1	.05	1.5	.1	<.05	3	<.5	5
L92 825E	1.6	50.7	85.5	204	.2	29.5	32.1	3814	3.57	29.2	.8	42.5	1.5	56	1.1	1.8	1.2	14	.49	.179	18	12	.30	317	.016	3	1.47	.005	.11	.1	.04	1.3	.2	<.05	4	<5	5
L92 850E	2.4	47.5	26.7	67	.1	31.6	21.7	2239	3.29	28.1	.8	134.0	3.9	42	.4	1.2	.8	10	.39	.079	22	8	.18	219	.019	1	1.26	.006	.11	.1	.02	2.4	.1	<.05	3	<5	5
L92 875E	7.2	70.6	22.8	42	<.1	43.8	21.5	413	4.01	40.7	.8	7.3	6.7	12	.1	1.8	1.1	7	.11	.036	21	5	.13	67	.009	1	1.06	.004	.08	.1	.01	2.2	1	<.05	3	<.5	5
L92 900E	1.1	26.6	37.7	74	.1	51.0	19.6	873	3.31	23.0	.7	6.2	6.7	32	.2	.9	.9	19	.26	.043	19	12	.28	250	.054	3	2.32	.011	.13	1	.03	2.6	2	<.05	6	<.5	5
L92 925E	.9	25.4	12.1	33	<.1	26.2	15.1	1058	2.62	17.1	.6	3.3	8.6	17	.2	.8	.5	11	.14	.031	27	6	.12	166	.014	2	1.43	.005	.11	.1	.02	2.3	.1	<.05	3	<5	5
L92 950E	1.4	27.1	19.4	73	<.1	24.2	14.2	595	3.42	23.2	.6	199.9	9.6	12	.2	.7	.7	16	.06	.075	26	8	.17	289	.015	2	1.45	.006	.13	.1	.02	3.0	.2	<.05	3	<.5	5
L92 975E	.9	32.0	18.4	40	<.1	26.5	25.2	2131	2.83	26.7	.7	42.6	7.6	27	.3	.8	.6	10	.35	.044	25	5	.11	200	.009	2	1.02	.004	.13	1	.04	2.0	1	<.05	3	<5	5
L92 1000E	.8	38.2	18.9	46	<.1	25.3	20.8	2095	2.56	20.5	.8	21.6	6.7	25	.4	.7	.7	9	.25	.040	26	5	.09	204	.012	2	1.02	.005	.14	1	.02	1.8	1	<.05	3	<5	5
L92 1025E	1.5	60.4	29.0	63	.1	48.0	19.4	333	3.34	17.4	1.3	67.3	8.2	31	.2	1.1	.8	17	.16	.035	19	6	.15	159	.082	3	3.09	.016	.13	.1	.03	3.5	.2	<.05	7	<5	5
L92 1050E	.8	27.6	21.4	142	.1	26.5	16.0	1245	2.77	12.9	.8	51.6	9.1	24	.4	.6	.5	16	.24	.026	25	7	.16	245	.039	3	2.12	.009	.14	1	.03	2.7	.2	<.05	5	<5	5
L92 1075E	.7	46.6	57.9	138	.3	29.1	21.7	763	2.95	34.3	1.1	1.5	8.8	27	.3	1.6	.9	12	.28	.031	28	6	.12	107	.019	3	1.33	.005	.14	.1	.04	2.3	.2	<.05	3	<.5	5
L92 1100E	.8	26.3	21.8	70	<.1	25.1	10.7	381	2.21	15.4	.5	7.1	7.8	15	.1	.6	.6	12	.14	.025	26	7	.12	105	.014	1	1.34	.004	.12	.1	.02	1.3	.2	<.05	3	<5	5
L92 1125E	.9	23.2	22.2	112	.1	43.4	13.8	350	2.66	15.9	.8	9.6	5.9	28	.2	.8	.6	22	.23	.048	15	11	.24	201	.082	3	2.72	.014	.12	.2	.03	2.0	.2	<.05	7	<.5	7.5
L92 1150E	.6	13.1	29.1	228	<.1	31.6	15.9	1834	2.51	13.2	.6	5.7	6.0	20	.4	.5	.5	23	.16	.033	16	11	.22	314	.081	3	2.55	.012	.12	.2	.03	2.3	.2	<.05	6	<.5	7.5
L92 1175E	.6	19.6	25.5	226	.2	29.9	13.7	1601	2.45	11.4	1.1	25.6	5.9	33	.5	.4	.5	27	.29	.111	15	10	.22	287	.127	4	3.56	.017	.09	.2	.04	3.0	.2	<.05	9	<5	7.5
L92 1200E	.6	13.6	19.5	155	.4	35.0	8.6	481	2.05	9.8	.8	207.8	5.5	41	.3	.3	.4	22	.38	.075	8	8	.17	206	.166	4	4.24	.029	.08	2	.05	2.4	.1	<.05	10	<5	7.5
L93 700E	1.8	43.9	41.1	103	.2	57.1	23.8	1435	3.59	17.9	.7	1.9	10.7	17	.2	2.0	1.2	17	.12	.029	26	10	.25	258	.017	1	2.07	.007	.11	1	.02	2.2	.2	<.05	5	<.5	7.5
L93 725E	1.3	51.9	60.7	169	.3	54.5	27.1	612	3.73	18.8	1.0	28.7	11.3	29	.4	2.7	1.3	18	.16	.042	23	9	.23	174	.053	2	2.73	.009	.14	2	.04	2.5	2	<.05	6	<.5	7.5
L93 750E	1.6	55.9	38.9	183	.2	49.8	28.4	917	4.11	18.3	1.1	.9	5.5	22	.3	1.9	1.6	19	.16	.071	27	14	.35	106	.026	3	2.16	.006	.12	.1	.04	2.3	.2	<.05	6	<5	5
L93 775E	1.3	45.2	51.4	287	.1	31.9	29.3	4468	3.68	18.4	.9	.5	2.6	71	1.2	1.7	1.2	21	.65	.291	17	13	.31	420	.026	5	1.81	.006	.15	1	.04	2.1	.2	.08	5	<5	7.5
L93 800E	1.4	42.2	91.7	207	.2	21.4	20.8	2923	2.44	19.7	.5	1.3	.6	88	2.1	1.9	1.0	13	1.09	.165	9	9	.29	251	.012	9	.94	.005	.12	1	.09	.8	1	.15	3	<5	5
L93 825E	1.1	62.5	71.5	124	.1	28.5	25.8	2026	3.88	29.3	.8	7.0	7.3	42	.6	2.3	1.2	15	.35	.097	22	10	.29	155	.012	3	1.38	.004	.13	.1	.04	2.2	1	.06	4	<.5	5
STANDARD DS7	21.2	111.1	71.7	414	.9	57.4	9.8	618	2.40	47.6	4.9	71.0	4.4	67	6.3	5.9	4.4	88	.91	.079	12	167	1.05	369	.125	38	.95	.071	.43	3.9	.20	2.5	4.2	.22	5	3.6	15.0

Sample type: SOIL PULP. 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	Sample gm
L93 825EA	1.1	44.9	49.1	93	<.1	49.2	26.9	1137	3.71	25.8	.8	9.7	8.2	21	.2	1.6	1.0	18	.17	.069	18	12	.29	120	.036	3	1.94	.009	.14	1	.03	2.7	.2	<.05	5	<.5	7.5
L93 850E	1.2	51.5	61.6	105	.1	32.8	25.5	1941	3.59	27.5	.7	3.9	7.0	28	.2	1.9	1.2	11	.21	.108	23	12	.33	110	.008	4	1.22	.003	.13	1	.04	2.1	.1	<.05	3	<.5	5
L93 875E	1.0	42.6	45.5	105	<.1	26.0	16.9	370	3.12	28.4	.5	3.7	8.8	13	.1	2.2	1.1	6	.09	.068	35	8	.28	44	.003	1	.95	.002	.07	<1	.01	1.4	.1	<.05	2	<.5	5
L93 900E	1.0	32.7	38.5	84	<.1	23.9	18.0	1223	2.90	16.9	.6	12.5	8.3	31	.3	1.1	.9	10	.22	.073	27	9	.25	183	.008	4	1.13	.004	.14	<1	.02	1.9	.1	<.05	3	<.5	5
L93 925E	.8	29.6	20.7	54	<.1	24.5	15.0	1262	2.55	14.0	.6	39.3	9.3	25	.2	.7	.7	9	.28	.043	28	7	.19	173	.010	4	1.06	.004	.13	<1	.03	1.8	.1	<.05	3	<.5	5
L93 950E	2.3	35.7	24.1	36	.2	41.7	18.5	1004	3.17	17.5	.9	74.2	9.0	21	.3	.7	.8	13	.21	.039	25	5	.11	112	.027	3	1.40	.008	.12	2	.04	2.4	.1	<.05	3	<.5	5
L93 975E	.9	36.7	55.7	126	.2	22.7	14.6	303	2.90	19.4	.7	138.2	9.5	20	2.5	1.7	.6	9	.30	.030	28	4	.08	41	.014	2	.83	.003	.10	1	.03	1.6	.1	<.05	2	<.5	5
L93 1000E	.9	38.9	36.7	45	.1	25.4	16.0	874	2.88	11.9	.6	101.2	10.6	13	.2	.9	.8	13	.17	.030	34	6	.13	89	.012	2	1.18	.004	.16	.1	.03	1.9	.1	<.05	3	<.5	7.5
L93 1025E	1.0	26.9	34.1	191	<.1	28.4	20.9	4274	2.81	14.8	.7	42.2	5.2	21	.8	.6	.7	18	.25	.041	21	9	.18	335	.037	3	1.84	.006	.15	1	.03	2.1	.2	<.05	5	<.5	5
L93 1050E	1.7	30.4	38.3	156	.1	48.1	19.8	1624	3.33	22.7	.7	20.1	6.8	22	.3	1.5	.8	21	.18	.041	21	12	.20	211	.038	3	1.93	.008	.13	.1	.03	2.0	.2	<.05	5	<.5	7.5
L93 1100E	.5	20.9	40.5	312	.2	30.3	14.3	997	2.41	18.0	.9	4.3	5.8	38	.5	.4	.4	23	.31	.048	15	9	.19	323	.129	4	3.58	.030	.11	2	.03	2.3	.1	<.05	8	<.5	15.0
L93 1125E	.6	25.1	33.5	145	.1	35.2	12.7	717	2.48	12.4	1.5	5.9	7.1	29	.3	.5	.4	27	.25	.066	16	8	.20	127	.157	5	4.18	.029	.10	.2	.06	3.1	.2	<.05	10	<.5	15.0
L93 1150E	1.6	54.5	16.7	41	<.1	21.5	11.3	118	3.14	17.3	.5	20.1	8.2	6	.1	1.0	1.1	4	.03	.025	27	5	.08	30	.004	2	.43	.002	.05	<1	<.01	1.2	.2	<.05	1	<.5	5
L93 1175E	.9	17.5	33.7	229	.2	45.5	12.6	1366	2.52	14.6	.7	11.7	5.7	36	.7	.7	.4	25	.31	.068	9	11	.21	208	.136	5	3.66	.021	.10	.2	.05	2.1	.2	<.05	9	<.5	7.5
L93 1200E	1.3	26.4	37.4	370	.3	76.4	18.6	1081	3.14	19.3	.7	61.7	6.1	23	.6	1.4	.7	22	.18	.053	18	14	.22	163	.054	4	2.17	.010	.11	.2	.04	2.2	.2	<.05	5	<.5	7.5
L94 700E	1.0	22.9	32.6	134	.1	36.1	20.6	2314	2.86	14.7	.7	13.8	8.9	24	.3	1.4	.9	21	.22	.031	26	11	.24	283	.042	4	2.56	.011	.18	.1	.03	2.1	.2	<.05	6	<.5	7.5
L94 725E	.8	18.3	29.8	153	.2	67.1	15.0	964	2.72	9.9	.5	<.5	4.7	26	.3	.6	.7	26	.24	.042	14	12	.24	210	.105	3	2.50	.018	.14	1	.04	1.7	.2	<.05	8	<.5	5
L94 750E	1.1	40.0	31.2	115	.3	26.2	11.7	578	2.78	20.9	.5	6.2	12.0	8	.2	1.5	.8	8	.08	.024	34	7	.19	75	.003	2	1.01	.002	.10	1	.03	1.4	.1	<.05	2	<.5	5
L94 775E	1.3	40.5	63.3	509	.3	61.5	21.4	561	3.92	23.7	.5	.7	7.9	22	.5	2.9	1.1	18	.17	.039	23	12	.28	125	.023	4	1.90	.006	.12	1	.02	1.9	.1	<.05	5	<.5	5
L94 800E	1.3	28.9	106.4	971	.5	68.5	22.4	701	3.42	20.3	.7	4.4	7.9	25	1.0	2.5	1.0	24	.19	.041	21	16	.31	144	.051	3	2.40	.013	.14	.1	.03	2.5	.2	<.05	6	<.5	7.5
L94 825E	1.4	38.4	67.3	180	.3	34.1	21.4	1041	3.94	41.4	.8	2.8	2.9	12	.5	1.6	1.2	17	.08	.110	21	13	.38	103	.026	1	1.91	.004	.09	1	.04	1.6	.2	<.05	5	<.5	5
RE L94 825E	1.6	40.5	66.7	177	.3	33.2	21.6	1035	4.02	40.3	.8	3.2	3.1	11	.4	1.6	1.2	18	.08	.108	22	13	.38	102	.027	2	1.91	.005	.09	1	.04	1.5	.2	<.05	5	<.5	5
L94 850E	1.1	28.9	48.8	155	.2	34.4	18.4	2396	3.12	21.1	.7	7.3	4.3	34	.4	1.7	.8	23	.25	.123	18	12	.30	172	.050	2	2.60	.011	.14	1	.03	1.9	.2	<.05	7	<.5	15.0
L94 875E	.8	14.2	22.2	123	.4	36.9	12.2	1656	2.23	10.4	.5	2.3	3.7	17	.3	.5	.4	24	.13	.088	13	11	.26	182	.065	3	2.21	.012	.10	1	.04	1.4	.2	<.05	7	<.5	7.5
L94 900E	.9	18.3	21.0	124	.2	35.9	10.9	1714	2.48	13.7	.7	2.3	4.2	16	.3	.5	.4	27	.12	.234	11	11	.24	188	.099	3	3.36	.015	.08	.2	.05	1.8	.1	<.05	8	<.5	7.5
L94 925E	.7	16.7	20.1	140	.3	31.5	9.2	1194	2.16	14.1	.9	1.6	4.0	32	.3	.4	.4	25	.29	.294	9	11	.22	168	.117	3	3.66	.020	.09	.1	.05	2.1	.1	<.05	8	<.5	7.5
L94 950E	.7	17.5	17.8	116	.2	26.4	10.3	377	2.23	11.3	.7	3.8	4.6	12	.2	.6	.4	21	.13	.188	15	10	.27	135	.058	3	2.61	.010	.07	.2	.05	1.7	.1	<.05	6	<.5	7.5
L94 975E	1.1	23.0	30.0	145	.1	32.2	13.8	995	2.57	14.8	.5	2.4	5.3	12	.2	1.5	.7	17	.10	.102	18	10	.26	115	.031	2	1.89	.007	.09	.1	.03	1.4	.1	<.05	5	<.5	7.5
L94 1000E	.9	13.9	17.2	128	.3	34.2	10.7	1930	2.03	9.3	.8	6.1	3.4	14	.2	.4	.3	21	.13	.202	10	9	.19	156	.077	2	3.06	.012	.07	.2	.06	2.0	.1	<.05	7	<.5	7.5
L94 1025E	1.3	26.2	19.1	54	.1	27.4	11.7	211	2.76	19.1	.4	50.0	8.3	8	<.1	1.3	.8	12	.03	.043	29	10	.21	76	.006	1	1.11	.004	.06	1	.01	1.6	.1	<.05	3	<.5	7.5
L94 1050E	.9	22.0	14.9	46	.1	31.3	13.1	560	2.67	15.1	.4	16.0	5.3	13	.1	.9	.7	17	.13	.060	22	9	.21	124	.021	2	1.61	.007	.08	.1	.02	1.5	.1	<.05	4	<.5	7.5
L94 1075E	.9	15.6	16.0	42	.2	40.9	12.5	890	2.43	13.6	.4	9.7	5.1	16	.1	.6	.5	23	.18	.081	13	12	.20	147	.065	2	2.48	.014	.10	.2	.03	1.8	.1	<.05	7	<.5	7.5
L94 1100E	1.0	14.7	20.8	67	.1	44.4	14.2	2049	2.63	15.4	.4	9.0	4.4	16	.2	.6	.5	24	.14	.098	15	13	.20	191	.042	2	1.90	.008	.10	2	.04	1.6	.1	<.05	6	<.5	7.5
L94 1125E	1.1	15.7	17.5	68	<.1	27.7	13.5	1385	2.37	12.8	.4	17.0	4.3	16	.2	.5	.5	21	.15	.063	15	11	.18	153	.031	4	1.56	.006	.09	.1	.03	1.5	.1	<.05	5	<.5	5
STANDARD DS7	21.0	108.4	70.8	408	.9	55.7	9.8	623	2.40	47.0	4.9	72.6	4.4	69	6.2	5.8	4.4	87	.92	.078	12	167	1.05	373	.125	39	.97	.073	.43	3.9	.21	2.5	4.2	.21	5	3.3	15.0

Sample type: SOIL PULP. 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	Sample gm
L94 1150E	1.0	15.2	17.2	82	.3	44.1	14.1	1461	2.34	13.5	.5	52.4	4.4	16	.2	.5	.4	22	.15	.068	14	13	.20	195	.054	2	2.01	.009	.09	.1	.03	1.8	.1	<.05	5	<.5	7.5
L94 1175E	1.2	19.4	21.7	88	.2	39.7	14.0	705	2.56	14.5	.6	13.6	4.6	13	.2	.7	.5	21	.08	.051	14	13	.19	149	.051	2	2.11	.008	.07	.2	.04	1.8	.1	<.05	6	<.5	15.0
L94 1200E	.8	17.4	23.2	126	.2	50.0	15.6	2484	2.29	13.0	.4	10.9	4.1	31	.4	.5	.5	20	.19	.047	16	12	.18	198	.051	2	1.78	.010	.09	.1	.03	1.6	.1	<.05	5	<.5	15.0
L95 700E	1.0	19.5	32.4	128	.1	46.4	18.0	3526	2.83	16.4	.7	3.5	4.7	42	.5	.8	.6	26	.36	.084	14	12	.23	257	.076	4	2.60	.013	.13	.2	.04	2.3	.2	<.05	7	<.5	7.5
L95 725E	2.0	47.9	54.0	135	.1	47.1	31.5	2614	4.48	19.0	.8	1.0	4.4	46	.4	2.0	1.4	20	.36	.104	21	15	.38	218	.044	2	2.24	.007	.13	.1	.04	2.0	.2	<.05	6	<.5	5
L95 750E	1.9	24.2	38.2	103	.2	48.4	18.9	1896	3.19	13.7	.6	2.5	5.3	25	.3	1.8	.9	19	.18	.044	14	11	.27	205	.026	3	2.05	.007	.13	.1	.03	1.8	.2	<.05	5	<.5	7.5
L95 775E	1.6	48.5	68.7	195	.3	59.3	27.7	1427	4.34	36.0	.6	<.5	7.2	17	.4	2.9	1.3	16	.12	.060	19	11	.31	146	.016	2	1.84	.006	.13	<.1	.02	2.1	.2	<.05	5	<.5	5
L95 800E	2.1	53.6	67.9	228	<.1	39.0	18.3	503	4.36	36.1	.7	27.8	8.0	15	.3	4.7	1.3	13	.13	.050	29	13	.39	54	.011	2	1.32	.004	.07	.1	.02	1.8	.2	<.05	4	<.5	7.5
L95 825E	1.1	47.1	53.1	243	<.1	30.6	21.9	1368	3.41	24.6	.5	.5	7.8	36	.2	1.9	.8	12	.31	.080	25	14	.54	123	.005	3	1.83	.004	.11	.1	.03	1.8	.3	<.05	5	<.5	5
L95 850E	.7	21.0	35.9	171	.2	33.9	11.4	681	2.36	12.2	.6	2.0	4.7	20	.2	.7	.5	24	.13	.183	10	13	.28	172	.097	3	2.89	.014	.09	.2	.04	2.0	.2	<.05	8	<.5	7.5
L95 875E	1.5	28.9	30.9	104	<.1	25.6	13.6	972	2.87	18.4	.5	15.7	6.7	10	.2	1.5	.7	14	.04	.054	23	10	.32	103	.009	1	1.27	.003	.05	.1	.02	1.3	.1	<.05	3	<.5	7.5
L95 900E	.9	17.3	34.2	185	.2	32.8	13.7	1550	2.47	12.3	.4	3.3	4.3	12	.3	1.4	.7	18	09	.112	15	11	.28	154	.039	1	1.91	.007	.09	.2	.04	1.5	.1	<.05	6	<.5	7.5
L95 925E	1.1	29.5	30.4	115	.2	23.8	13.6	826	2.86	20.4	.4	6.2	5.8	7	.2	1.7	.8	12	.06	.056	23	10	.33	84	.013	<1	1.26	.004	.06	.1	.02	1.4	.1	<.05	3	<.5	5
L95 950E	.8	11.9	17.2	113	.2	24.8	9.6	2112	1.86	8.4	.6	4.3	2.4	20	.2	.3	.3	20	.15	.135	10	9	.17	152	.073	2	2.65	.012	.06	.1	.04	1.8	.1	<.05	7	<.5	15.0
L95 975E	.8	15.9	30.9	109	.3	29.2	13.0	3354	1.91	7.2	.4	4.9	1.9	19	.3	.3	.3	20	.11	.087	11	9	.14	154	.061	1	1.65	.010	.07	.1	.05	1.4	.1	<.05	7	<.5	5
L95 1000E	1.0	17.1	20.9	71	.2	36.1	13.5	1209	2.37	13.1	.4	14.0	4.7	17	.2	.7	.6	16	.12	.097	19	8	.19	131	.035	2	2.06	.008	.07	.1	.02	1.4	.1	<.05	6	<.5	7.5
L95 1025E	1.1	14.5	21.3	46	.2	29.3	14.7	2312	2.46	14.7	.4	28.7	2.2	14	.2	.5	.6	20	.08	.063	16	10	.17	171	.028	2	1.66	.007	.06	.2	.03	1.4	.1	<.05	6	<.5	7.5
L95 1050E	.9	17.1	18.6	44	.1	28.2	15.7	1948	2.57	12.3	.4	14.9	3.5	20	.2	.5	.6	15	.26	.047	19	9	.19	133	.014	2	1.43	.006	.09	.1	.03	1.5	1	<.05	4	<.5	5
L95 1075E	.9	14.6	17.9	41	.1	27.3	13.0	741	2.50	12.2	.3	8.8	3.9	13	.1	.5	.6	17	16	.042	19	9	.19	105	.022	2	1.57	.007	.09	.1	.03	1.4	1	<.05	5	<.5	5
L95 1100E	1.0	23.7	21.9	60	.3	28.6	16.7	1017	2.98	16.8	.6	18.5	4.0	18	.3	.7	.7	20	.18	.039	17	11	.18	128	.027	1	1.87	.007	.09	.1	.04	1.7	.1	<.05	6	<.5	7.5
L95 1125E	1.5	24.2	26.1	78	.2	27.8	16.2	451	3.30	17.6	.7	58.7	7.1	15	.2	1.2	.7	20	.11	.045	20	10	.18	81	.023	1	1.63	.006	.10	.2	.03	2.0	1	<.05	5	<.5	7.5
L95 1150E	1.0	38.3	31.7	105	.2	26.9	16.7	1450	2.79	14.7	.5	17.9	5.0	25	.5	.8	.7	16	.19	.051	23	12	.23	146	.014	1	1.27	.004	.10	.1	.04	1.8	.1	<.05	4	<.5	5
L95 1175E	1.0	25.3	32.6	109	.2	41.5	16.5	1497	2.81	15.1	.5	116.0	4.1	28	.4	.8	.7	19	.16	.055	21	12	.28	113	.023	2	1.78	.008	.11	.1	.03	1.7	.1	<.05	5	<.5	5
L95 1200E	2.7	56.2	34.6	84	.2	33.0	24.7	604	4.25	27.7	.5	15.1	6.1	7	.1	2.2	1.5	10	.04	.054	15	7	.21	46	.006	1	.95	.003	.08	.1	.02	1.4	1	<.05	3	<.5	5
L95 1225E	2.3	86.4	43.0	81	.1	37.2	22.6	299	4.45	32.9	.6	62.1	7.0	9	.1	3.1	1.8	8	.08	.036	26	9	.32	20	.003	<1	.90	.002	.07	<.1	.02	1.6	1	<.05	2	.5	5
L95 1250E	1.8	42.0	37.9	205	.3	34.6	26.2	4211	3.39	17.6	.6	18.4	1.8	39	.9	.9	1.0	19	.36	.131	16	11	.25	325	.028	3	1.47	.007	.14	.1	.03	1.7	1	<.05	5	<.5	5
RE L95 1250E	1.7	39.5	41.6	194	.3	33.2	25.6	3995	3.22	17.2	.7	10.0	1.8	37	.8	.9	1.0	18	.34	.129	16	10	.25	326	.027	3	1.47	.007	.13	.1	.03	1.6	.1	<.05	4	<.5	5
L95 1275E	1.1	35.0	24.8	101	.2	32.0	17.3	4657	2.67	15.9	.9	3.0	4.0	73	.5	.9	.7	21	.58	.206	17	8	.20	347	.054	5	2.14	.011	.12	.2	.06	2.4	2	<.05	5	.5	7.5
L95 1300E	1.0	29.5	22.9	77	.1	39.9	19.8	1081	3.00	22.6	.6	1.1	8.4	33	.1	.8	1.0	21	.18	.051	28	11	.25	186	.052	3	2.12	.009	.12	.1	.03	1.7	.2	<.05	5	<.5	5
STANDARD DS7	21.4	115.2	73.2	421	.9	57.8	10.0	637	2.47	48.4	5.1	70.8	4.4	69	6.5	6.0	4.5	89	94	.080	12	170	1.08	379	.126	40	.97	.074	.45	4.0	.21	2.5	4.3	.22	5	3.8	15.0

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

Data FA