GEOLOGICAL AND GEOCHEMICAL REPORT

ON

THE D.M.CLAIM GROUP

VANCOUVER MINING DIVISION

BC

N.T.S. 92 K/11E

Lat 50^0 30' N ; Long 125^0 25' W

for

Thurlow Resources Limited

430-580 Hornby St,

Vancouver, B.C. V6C 3B6

By

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3750 West 49th Ave

Vancouver, BC V6N 3T8

30 July, 1997

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1. INTRODUCTION AND SUMMARY

The D.M. Group molybdenite mineral property in south-western B.C. is under option to Thurlow Resources Ltd. (Thurlow) from B.H. Fitch of 304-420 7th Street, New Westminster, B.C. V3M 3L1 and from C.I. Dyakowski of 3750 West 49th Ave, Vancouver, B.C. V6N 3T8.

The property is within the same geological environment as the Doratha Morton gold mine and the Alexandra gold mine both located to the southeast.

Thurlow carried out a spring exploration program consisting of soil sampling, rock sampling and geological mapping. The twelve day survey concentrated on the westerly area of a north-westerly trending shear zone that crosses the claim group. This part of the program was designed to determine the surface parameters of a brecciated zone carrying molybdenite mineralization first observed during claim staking the previous year.

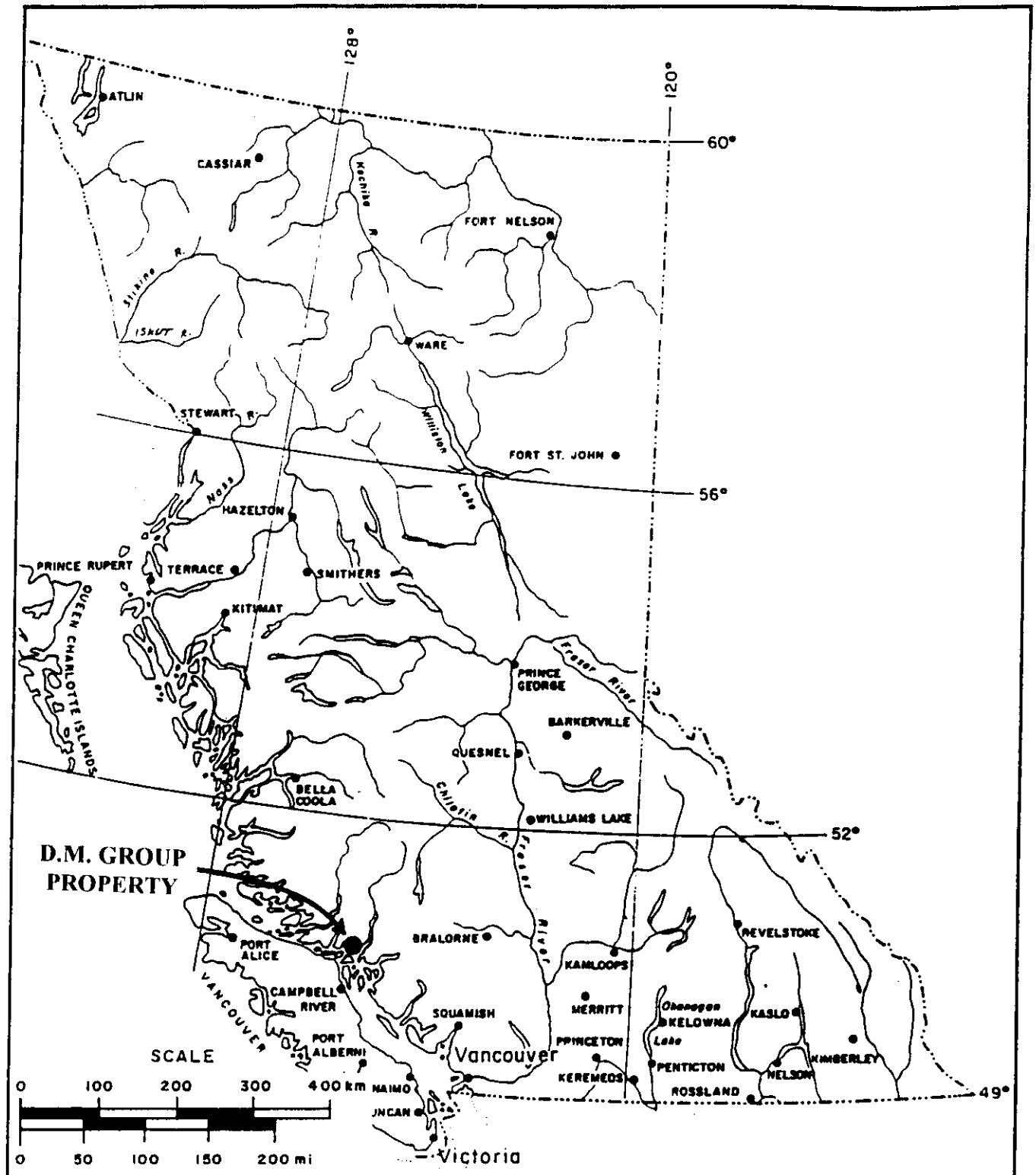
Ten days were spent by a three-man party in May, 1997, gaining access to the area, establishing a grid system, collecting 137 soil samples and 7 rock samples, mapping along existing logging roads and the grid lines. A two-day follow up in June was spent re-sampling and extending the soil sampling where warranted by the initial results.

It is recommended that a program of test pitting be carried out within several anomalous zones that were defined by the geochemical program followed up by a first stage exploratory drill program if warranted.

2. LOCATION AND ACCESS (Fig. 1)

As modified after Ostler, 1997:

> The D.M. Property is located in the Vancouver, B.C, Mining Division, approximately Latitude 50^0 30' N ; Longitude 125^0 25' W , on the steep slopes of the Pembroke Range above the western shore of the mouth of Phillips Arm. The Phillips Arm area is at the western boundary of the Pacific Ranges of the coast Mountains of south-western British Columbia.
>
> The town of Campbell River is the closest major supply and service center to the Phillips Arm area. Campbell River is on the northeastern coast of Vancouver Island near the northern end of the Strait of Georgia. It services local fishing and logging industries and most services required for property exploration and development can be found there.It is about 200 km from Vancouver to Campbell River via the Nanaimo ferry and B.C. Highway 19.



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GENERAL LOCATION of the D.M. GROUP PROPERTY

N.T.S. 92 K/6-K/11 VANCOUVER M.D., B.C.

JULY, 1997 FIGURE. 1

The D.M. Property is about 60 km north-northwest of Campbell River and is accessible by boat and float plane. The closest accomodation to the property-area is Cordero Lodge, located in the bay near Lorte Island in Cordero Channel about 10 km southwest of the property-area. The lodge is open all year.

Access to the southern part of the claim block (Fill claims) is by ATV or 4 Wheel Drive truck from Picton Point, a distance of 8 to 12 km to the south on Cordero Channel near the western entrance to Phillip's Arm. Access to the northern claims (HY-LO) is also by logging road from Picton Point and then via a 700 meter trail which leads to a logging road system that extends from Fanny Bay.

Elevations on the D.M. block vary from 500 to 1300 meters with moderate to precipitous slopes. Lower areas have second-growth forests (5 to 25 years) which makes access difficult once off the road system. Higher elevations are covered with primieval coniferous forests interrupted by numerous steep rock outcrops.

3. PROPERTY AND OWNERSHIP (Fig. 2)

The property comprises six located claims which are owned 100% by Christopher Dyakowski and Bernard Fitch. The claims cover 45 claim-units. The total area involved is 925 hectares, less probable minor overlap. The claims have not undergone a legal survey but are easily defined from officially surveyed monuments or recognizable mapped landmarks. Descriptions are tabled as follows (Table 1):

Table 1

Claim Data
D.M. Group

Claim Name	No. of Units	Type	Tenure No.	Registered Owner	Recording Date	Valid Until
HY	9	MGS	349933	C. Dyakowski	12 Aug 96	10 Aug 97
Fill 2	1	2 Post	349441	B. Fitch	11 Aug 96	11 Aug 97
Fill 3	1	2 Post	349442	B. Fitch	11 Aug 96	11 Aug 97
Fill 4	1	2 Post	349443	B. Fitch	11 Aug 96	11 Aug 97
Fill 5	1	2 Post	349444	B. Fitch	11 Aug 96	11 Aug 97
Fill 6	1	2 Post	349445	B. Fitch	11 Aug 96	11 Aug 97

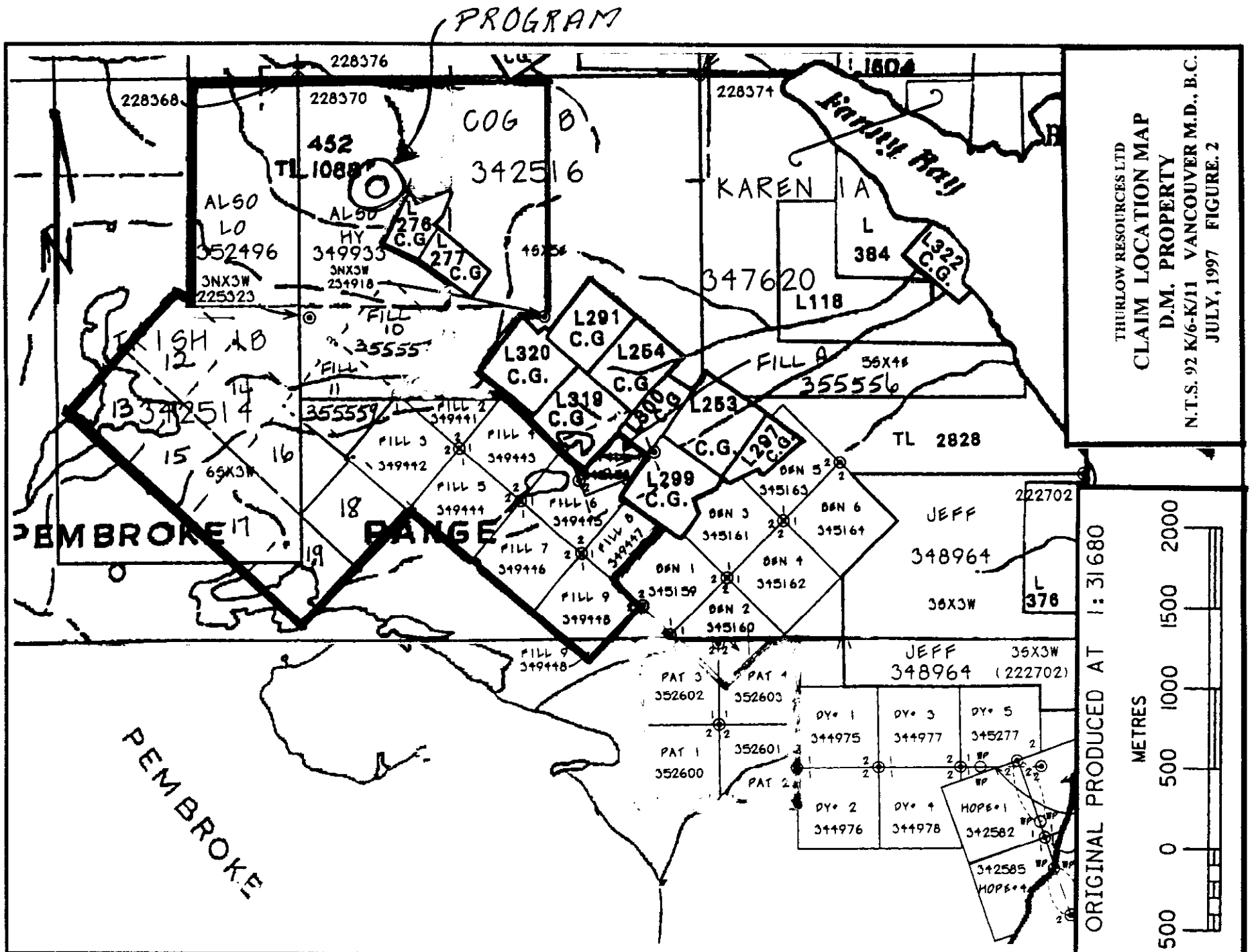
Fill 7	1	2 Post	349446	B. Fitch	11 Aug 96	11 Aug 97
Fill 8	1	2 Post	349447	B. Fitch	11 Aug 96	11 Aug 97
Fill 9	1	2 Post	349448	B. Fitch	11 Aug 96	11 Aug 97
Fill A	1	2 Post	355556	B. Fitch	28 Apr 97	28 Apr 98
Fill 10	1	2 Post	355557	B. Fitch	28 Apr 97	28 Apr 98
Fill 11	1	2 Post	355559	B. Fitch	28 Apr 97	28 Apr 98
Fill 12	1	2 Post	355575	B. Fitch	28 Apr 97	28 Apr 98
Fill 13	1	2 Post	355576	B. Fitch	28 Apr 97	28 Apr 98
Fill 14	1	2 Post	355577	B. Fitch	28 Apr 97	28 Apr 98
Fill 15	1	2 Post	355578	B. Fitch	28 Apr 97	28 Apr 98
Fill 16	1	2 Post	355579	B. Fitch	28 Apr 97	28 Apr 98
Fill 17	1	2 Post	355580	B. Fitch	28 Apr 97	28 Apr 98
Fill 18	1	2 Post	355581	B. Fitch	28 Apr 97	28 Apr 98
Fill 19	1	2 Post	355582	B. Fitch	28 Apr 97	28 Apr 98
LO	9	MGS	352496	C. Dyakowski	10 Nov 96	11 Aug 97

TOTAL 925 ha

4. AREA HISTORY AND DEVELOPMENT

Gold associated with pyrite in quartz veins was discovered in the latter decades of the nineteenth century at the head of Phillips Arm. The strike of the shear zone was followed to the northwest part of the present HY-LO claims. The Doratha Morton claim at an elevation of 700 m was put into production with a mill established at tide water. Some 10,000 tons of ore yielded 4500 ounces of gold and 1200 ounces of silver during 1898 and 1899. The Alexandria mine to the southeast at tidewater produced 770 ounces of gold and 1300 ounces of silver from 1900 tons of ore.

Exploration and development activity continued along the mineralized shear until 1940 (including the driving of adits in the area of the HY-LO claims). Commencing in the early


PROGRAM
228376
228368
228370
228374
1804
COG
342516
452
TL 1088
ALSO
LO
352496
ALSO
HY
349933
3NX3W
225023
3NX3W
234918
FILL
10
35555
FILL
11
355559
FILL 2
349441
FILL 3
349442
FILL 4
349443
FILL 5
349444
FILL 6
349445
FILL 7
349446
FILL 8
349447
FILL 9
349448
FILL 9
349448
L 276
C.G
L 277
C.G
L320
C.G.
L291
C.G
L254
C.G
L319
C.G.
L309
C.G.
L253
C.G.
L297
C.G.
L299
C.G.
KAREN
L
384
L322
C.G.
347620
L118
FILL A
36X48
355556
TL 2828
DSN 5
345163
DSN 3
345161
DSN 6
345164
DSN 1
345159
DSN 4
345162
DSN 2
345160
JEFF
348964
36X3W
222702
L
376
JEFF
348964
36X3W
(222702)
PAT 3
352602
PAT 4
352603
PAT 1
352600
352601
PAT 2
DY• 1
344975
DY• 3
344977
DY• 5
345277
DY• 2
344976
DY• 4
344978
HOPE• 1
342582
342585
HOPE• 4
PEMBROKE
RANGE
PEMBROKE
Lindsay Rail
THURLOW RESOURCES LTD
CLAIM LOCATION MAP
D.M. PROPERTY
N.T.S. 92 K/6-K/11 VANCOUVER M.D., B.C.
JULY, 1997 FIGURE. 2
ORIGINAL PRODUCED AT 1: 31680
METRES
500 0 500 1000 1500 2000

1980's Falconbridge Nickel Mines and several junior mining companies re-opened old workings and carried out mining exploration programs including ground geophysical surveys geochemical surveys, mapping and diamond drilling.

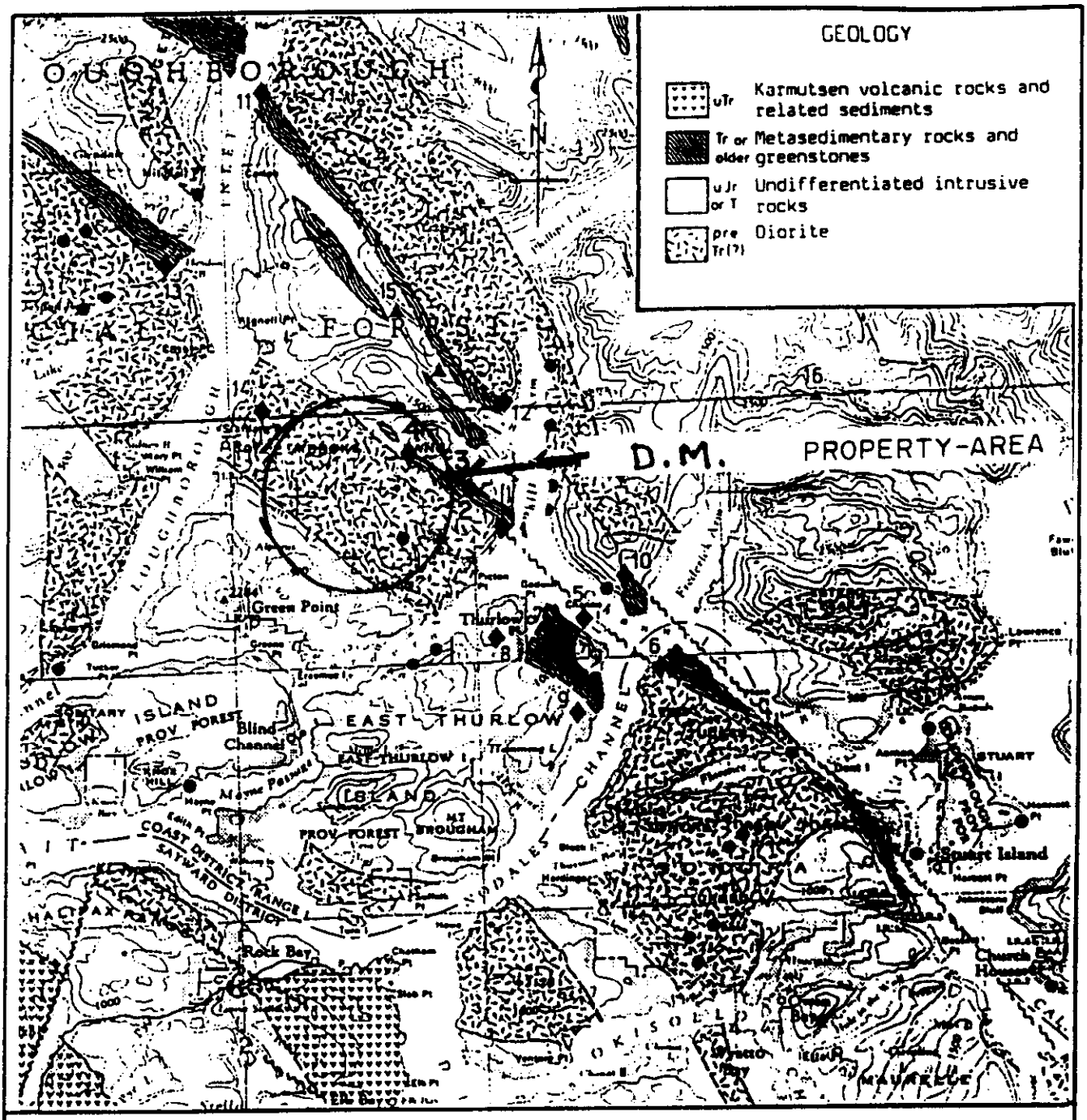
In the area that is the focus of this report, early exploration located gold veins in surface trenching and at least two adits during 1985-87. Falconbridge completed a geochemical program over part of the HY-LO claim and did some local geological mapping. Their gold grid shows continuous anomalies (from 30 ppb to over 100 ppb) along the shear from their drill site to the end of their survey some 1.5 km southeast. Scattered gold anomalies appear in the area of the breccia zone.

Six of Falconbridge's seven drill holes insersected sections up to 10 m with anomalous gold values. Included in these sections were the following; 0.277oz/ton gold over 2.35 m, 0.09 oz/ton gold over 2.01 m, 0.27 oz/ton gold over 0.8 m, 1.70 oz/ton gold over 0.47 m and 0.34 oz/ton gold over 0.8 m.

5. REGIONAL GEOLOGY AND MINERALIZATION (Fig. 3)

The regional geology of the area around the D.M Group and the Phillip's Arm gold camp was compiled by Roddick and Woodsworth of the Geological Survey of Canada (Roddick, 1977). Their general description of the rocks of the Phillips Arm gold camp are as follows:

> ...most of the area is underlain by plutonic rocks, ranging from gabbro to quartz monzonite. Granodiorite and quartz diorite predominate and unlike most areas in the Coast Mountains, granodiorite is slightly more abundant. The granodiorite forms a broad central belt about 50 km wide, extending from Big Julie pluton in the southeast to Knight Inlet, with a core area of quartz monzonite between Toba and Knight Inlets. The flanking belts are underlain mainly by quartz diorite but granodiorite and diorite are also well represented. Most of the plutons, excepting the quartz monzonite, exhibit a pronounced northwesterly elongation. This pattern is accentuated by long narrow belts of metasedimentary and metavolcanic rocks... Steeply dipping metasedimentary and metavolcanic rocks form narrow bands engulfed in the main mass of the Coast Plutonic Complex. Although interrupted here and there by large plutons they are remarkably persistent along strike and are thought to represent fault slices or grabens along which 'horsts' of plutonic rock were thrust upward. The bounding shear zones in places still exist but synplutonic recrystallization has commonly reduced them to mere foliations or obliterated them entirely. In many places these 'screens' are flanked on one side by diorite and on the other by quartz diorite or, less commonly, by granodiorite. The dioritic rocks may represent remnants of a primitive granitoid basement upon which Karmutsen and later rocks were deposited. Deep burial and subsequent deformation of the



MINERAL OCCURENCES

- ◆ Gold showing or past producer
- ▲ Molybdenum occurrence
- ● Pyrite occurrence

1 Alexandria
2 Enid-Julie
3 Doratha Morton
4 Champion/Commonwealth
5 Channe Island
6 Sonora
7 Douglas Pine
8 White Pine
9 Thurlow
10 Bluebells
11 Cuba Silver
12 Monte Cristo/Amethyst
13 Heydon Bay
14 Loughborough
15 Ace
16 Colossus

SCALE

0 1 2 3 4 5 km

0 1 2 3 mi

NOTE:
This Figure adapted from Borovic, 1995: Figure 3

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GEOLOGY and WORKINGS of the PHILLIPS ARM CAMP

N.T.S. 92 K/6-K/11 VANCOUVER M.D., B.C.

JULY, 1997 FIGURE. 3

> eugeosynclinal pile along with the underlying basement was probably in response to compressive forces transmitted through the North American Plate against oceanic crust. Relief came eventually with the onset of subduction, and plutonic movement upwards bounded by synplutonic faults. The open structure of the Karmutsen volcanics on Vancouver Island is in marked contrast with the strongly deformed remnants of these rocks within the coast Plutonic Complex...
>
> Minimum final cooling dates from potassium-argon work on...granitic rocks show a range from Jurassic (153 m.y.)... to Eocene (55 m.y.) ... The general decrease in age from west to east is characteristic of the Coast Plutonic Complex between latitudes 50^0 and 55^0N.

Locally within the belt and running across the claim block is a band of shearing that extends southeasterly for several kilometers and is host to several sulphide deposits. Pyrite is the predominant sulphide, and when found in quartz veins, usually contains gold. These mineral deposits tend to be lenticular and die out along strike, to be replaced shortly by another similar deposit.

6. 1997 GEOCHEMICAL SURVEY

Maps accompanying this report show the results of the soil geochemical survey completed for gold and molybdenum (Figs. 4,5). Data for copper, lead,zinc, silver, nickel, cobalt, manganese, arsenic, uranium, thorium, strontium, cadmium, tin, bismuth, vanadium, calcium, phosphorus, lanthanum, chromium, manganese, barium, titanium, boron, aluminum, sodium, potassium and tungsten were obtained and are in Appendix A.

A 550 m NW-SE baseline was established by line cutting and chain and compass control at the boundary of the HY and LO claims. Samples were taken along flagged cross lines at 25 m intervals. Each sample was taken from the "B" horizon with some exceptions where it was not possible to dig below the deep organic horizon. Samples considered satisfactory tended to have a brown to red colour. Black samples that did not appear to have any soil content were discarded and replaced by a satisfactory sample obtained nearby. A series of samples were obtained along the logging roads where they passed through the survey grid.

Samples were dried and forwarded to Acme Analytical Laboratories Ltd. of Vancouver, B.C., where they were analyzed for 31 elements with results listed in Appendix A. In addition, seven rock samples were obtained at various outcrops and assayed for the same elements.

The main objective of this program was to obtain a possible extension of the molybdenite-chalcopyrite-pyrite mineralized zone beyond the rock quarry, where it was first observed. A secondary interest in possible gold values was motivated by a number of gold anomalies

found by Falconbridge (>30 ppb Au) in the area, during their 1986 regional geochemical program in search for gold, along and in the vicinity of the gold bearing shear zone.

The molybdenum values indicated an area along the base line for a distance of 150 meters where, with one exception, values ranged up to 250 ppm. This area stretches in a northerly direction from the road quarry where the molybdenum outcropping was first discovered. No encouraging values were found south of the quarry.

Gold values were generally slightly above the chosen threshold value and showed, with one exception, no areas of strong concentration. Follow-up near a 498 ppb reading did not support the initial value.

Three of the 7 rock samples that were analyzed gave three highly anomalous readings; RS #4 returned 5,032 ppm Mo, sample #6-04-04, a grab sample taken from the quarry yielded 2,817 ppm Mo and sample #6-04-05 taken from an outcrop below the diamond drill sites on the road returned 556 ppb gold.

No anomalous copper readings were found from either soil or rock samples.

7. CONCLUSIONS AND RECOMMENDATIONS

The geochemical survey succeeded in delineating an interesting Mo anomaly along 150 m of the baseline. Therefore, it is recommended that a follow-up program consisting of excavating several shallow pits over the Mo anomaly be carried out during the next exploration phase. If the pitting is successful several short (50-75 m) exploratory holes should be drilled.

In addition, further exploration of the gold bearing shear zone where Falconbridge drilled should be carried out.

8. ITEMIZED COST OF THE 1997 EXPLORATION PROGRAM

Wages:

B. Fitch, B.A.	
12 days @300/day	$3600.00
K. Christensen, Prospector	
10 days @200/day	2000.00
J. Riha, Helper	
12 days @125/day	1500.00
P. Poissant, Helper	
2 days @150/day	300.00

Rentals:

Big Bear	360.00
Radio Tel	105.00
C & L Brush Saw	200.00

Transporation & Accomodation & Meals:

Ferries	80.00
Fuel	35.00
Travel Meals	67.00
Accomodation	258.00

Field Tranportation & Meals

Air & Water Transportation	576.00
Accomodation	106.00
Barge (Marine Link)	171.00

Camp Supplies:

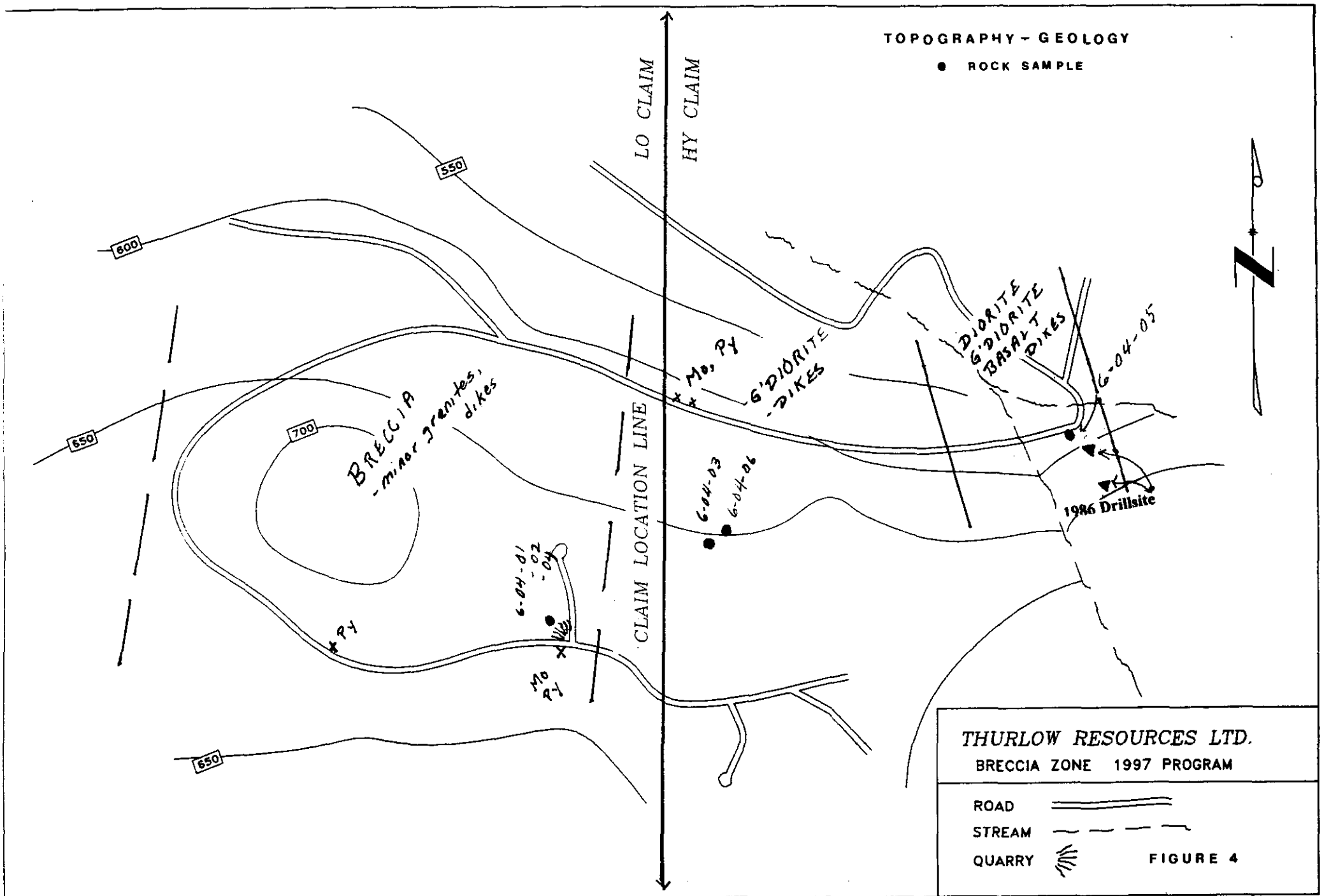
Field Supplies	163.00
Groceries	317.00

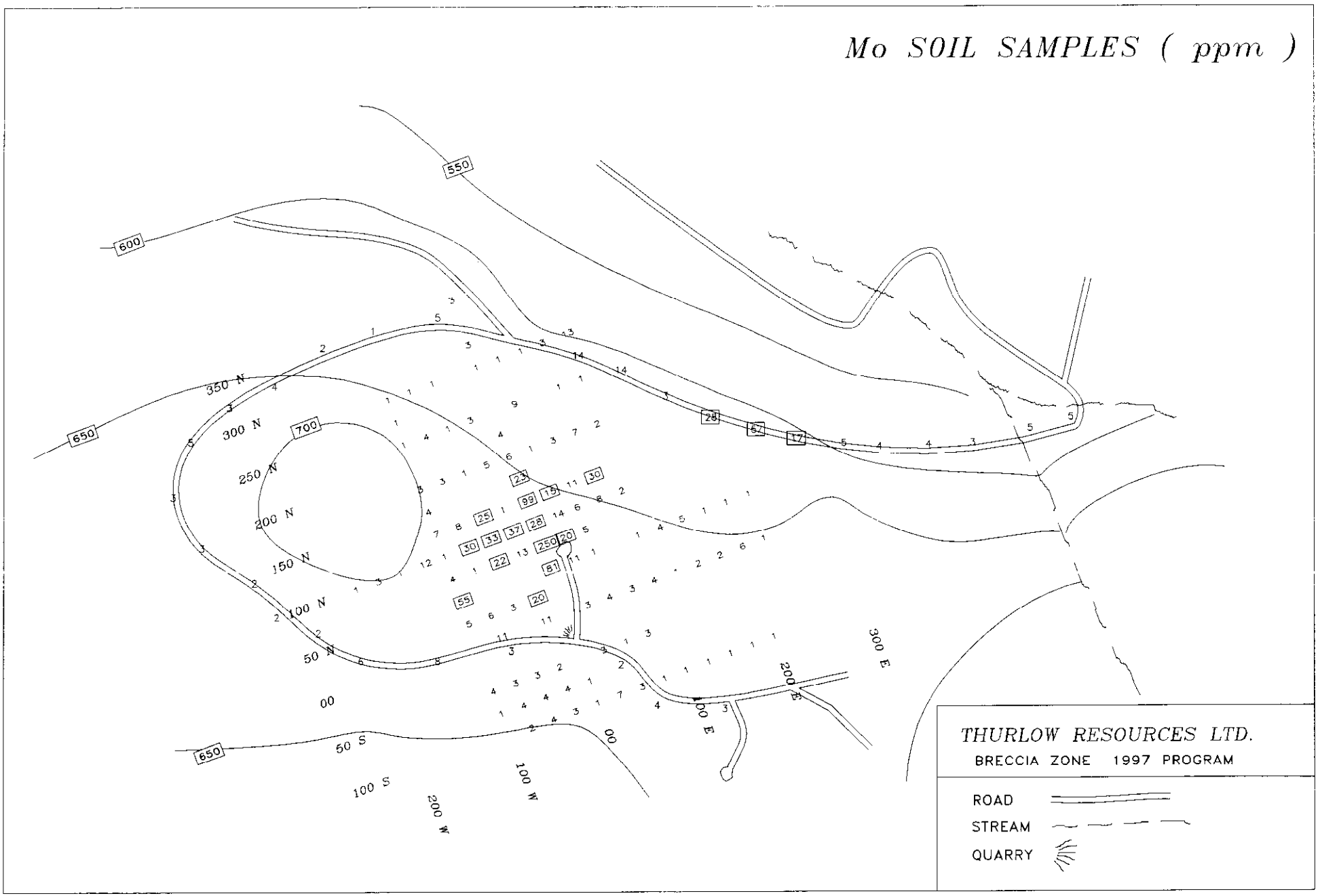
Assays:	2161.00
TOTAL	**$11,999.00**

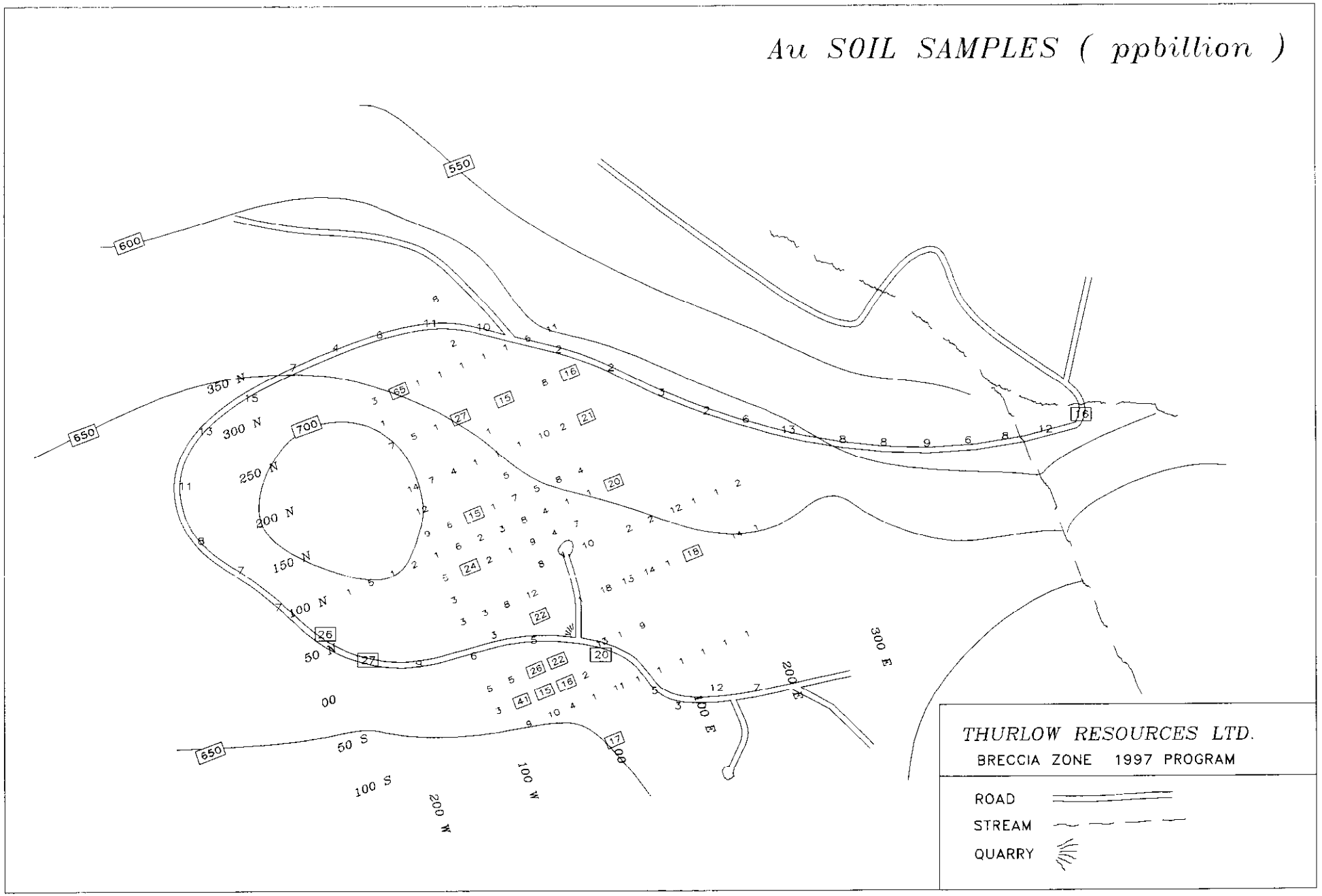
9. REFERENCES

Ostler, J.; 1977: Prospecting, Geochemical and Electromagnetic Surveys on the Alexandra Property 1 p., 3 maps

Roddick, J.A.;1977: Notes on the Stratified Rocks of Bute Inlet Map-area (excluding Vancouver and Quadra Islands) ; Geol. Surv. Canada, O.F. 480, 20 p., 1 map.


TOPOGRAPHY - GEOLOGY
ROCK SAMPLE
LO CLAIM
HY CLAIM
CLAIM LOCATION LINE
550
600
650
700
650
BRECCIA
-minor granites, dikes
Mo, Py
G'DIORITE
-DIKES
DIORITE
G'DIORITE
BASALT
DIKES
6-04-05
6-04-03
6-04-06
6-04-01
-02
-04
Py
Mo
Py
1986 Drillsite
N
THURLOW RESOURCES LTD.
BRECCIA ZONE 1997 PROGRAM
ROAD
STREAM
QUARRY
FIGURE 4


Mo SOIL SAMPLES (ppm)
550
600
650
700
350 N
300 N
250 N
200 N
150 N
100 N
50 N
00
50 S
100 S
200 W
100 W
00
100 E
200 E
300 E
THURLOW RESOURCES LTD.
BRECCIA ZONE 1997 PROGRAM
ROAD
STREAM
QUARRY


Au SOIL SAMPLES (ppbillion)
550
600
650
700
350 N
300 N
250 N
200 N
150 N
100 N
50 N
00
50 S
100 S
200 W
100 W
100 E
200 E
300 E
THURLOW RESOURCES LTD.
BRECCIA ZONE 1997 PROGRAM
ROAD
STREAM
QUARRY

APPENDIX A

Rock Samples

Number	Description	Assay	
6-04-01	2m channel. Quartz in diorite. Quarry	Mo Au	87 ppm 4 ppb
6-04-02	Chips in breccia carrying pyrite and molybdenite. Quarry	Mo Au	993 ppm 1 ppb
6-04-03	Location 0 + 20 N 1 + 65 E. Pyrite stringers in argellaceous.	Mo Au	28 ppm 2 ppb
6-04-04	Grab from Quarry. Rich in Mo	Mo Au	2817 ppm 1 ppb
6-04-05	Outcrop on road below DD sites. Calcareous carrying blebs of pyrite.	Mo Au	21 ppm 571 ppb
6-04-06	Float at 0 + 20 N 1 + 75 E. Pyrite in Qz-calcite.	Mo Au	10 ppm 9 ppb

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au* ppb
L2+75N 1+00W	1	32	7	22	<.3	3	2	256	4.40	<2	5	<2	3	6	.3	2	<2	103	.09	.027	3	15	.22	9	.30	<3	3.10	.01	.01	<2	3
L2+75N 0+75W	1	13	9	76	<.3	7	4	354	1.38	3	<5	<2	2	12	<.2	4	<2	57	.18	.032	5	17	.60	25	.15	<3	2.16	.03	.05	<2	55
L2+75N 0+50W	<1	7	28	16	<.3	1	<1	77	.06	2	<5	<2	<2	9	.2	<2	<2	3	.57	.057	<1	2	.02	10	<.01	<3	.10	.02	.03	<2	<1
L2+75N 0+25W	1	36	7	16	<.3	3	3	171	11.34	<2	9	<2	4	5	<.2	<2	<2	122	.04	.058	5	24	.11	13	.17	10	4.15	.01	.02	<2	1
L2+75N 0+25E	<1	3	<3	3	<.3	1	2	22	.69	<2	<5	<2	<2	5	<.2	<2	<2	18	.03	.010	1	3	.01	6	.03	<3	.13	.01	.01	<2	<1
L2+75N 0+50E	<1	9	12	28	<.3	2	<1	15	.06	3	<5	<2	<2	29	<.2	<2	<2	1	.69	.043	<1	<1	.08	13	<.01	<3	.11	.01	.02	<2	1
L2+75N 0+75E	3	7	4	7	.7	3	2	61	1.57	2	<5	<2	<2	9	<.2	<2	<2	52	.14	.026	3	7	.02	14	.04	<3	.80	.01	.01	<2	6
L2+75N 1+00E	13	39	<3	60	<.3	9	7	385	3.95	3	7	<2	2	25	.4	3	<2	91	.31	.057	5	19	.77	60	.16	<3	3.24	.03	.14	<2	11
L2+50N 1+00W	1	2	13	3	<.3	<1	<1	85	.32	<2	<5	<2	<2	3	<.2	<2	<2	79	.05	.013	2	<1	.02	4	.34	<3	.17	.01	.01	<2	1
L2+25N 1+00W	3	2	17	5	<.3	1	<1	128	.40	<2	<5	<2	<2	6	<.2	2	<2	93	.08	.008	2	4	.03	7	.45	<3	.39	.01	.01	<2	7
L2+25N 0+75W	4	9	13	10	<.3	2	1	86	4.76	3	<5	<2	<2	5	<.2	<2	<2	205	.05	.018	3	9	.02	14	.50	<3	1.01	.01	.01	<2	5
L2+25N 0+50W	1	20	5	18	<.3	1	<1	130	4.55	3	<5	<2	2	5	<.2	<2	<2	165	.07	.024	3	12	.09	6	.48	<3	.96	.01	.01	<2	<1
L2+25N 0+25W	3	15	3	7	<.3	1	2	99	2.11	<2	<5	<2	<2	4	<.2	<2	<2	155	.06	.013	3	8	.01	3	.15	<3	.16	.01	<.01	<2	27
L2+25N 0+25E	9	8	7	5	<.3	2	3	74	2.39	<2	<5	<2	<2	5	<.2	<2	<2	128	.05	.009	3	5	.02	4	.18	<3	.31	.01	.01	<2	15
L2+25N 0+50E N.S.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L2+25N 0+75E	1	9	<3	12	<.3	3	2	50	1.15	2	<5	<2	<2	14	.2	<2	<2	44	.12	.038	2	4	.04	25	.06	<3	.61	.01	.02	<2	8
L2+25N 1+00E	2	5	<3	7	<.3	2	3	85	2.08	<2	<5	<2	<2	8	<.2	<2	<2	102	.13	.014	2	7	.03	6	.16	<3	.30	.01	.01	<2	9
RE L2+25N 1+00E	1	5	5	6	<.3	2	3	80	2.05	2	<5	<2	<2	8	<.2	<2	<2	99	.13	.013	1	6	.03	6	.16	4	.29	.01	.01	<2	16
L2+00N 1+00E	2	21	<3	38	.4	8	5	280	3.51	<2	8	<2	3	13	<.2	5	<2	86	.21	.048	7	21	.51	31	.18	4	4.66	.02	.06	2	14
L1+75N 1+00W	3	19	7	36	<.3	5	4	330	3.87	2	<5	<2	3	10	.5	4	<2	106	.16	.025	5	19	.27	23	.31	<3	3.92	.02	.02	<2	15
L1+75N 0+75W	3	21	8	20	<.3	4	2	195	5.08	<2	<5	<2	2	7	<.2	<2	<2	138	.11	.032	4	23	.16	11	.37	<3	4.19	.01	.01	<2	7
L1+75N 0+50W	1	4	7	5	<.3	1	1	92	.77	4	<5	<2	<2	3	<.2	<2	<2	61	.07	.014	2	1	.03	4	.18	<3	.23	.01	.01	<2	4
L1+75N 0+25W	5	11	10	10	<.3	2	1	126	1.35	<2	<5	<2	<2	5	<.2	<2	<2	95	.08	.016	2	3	.05	9	.39	<3	.48	.01	.01	<2	1
L1+75N 0+25E	<1	4	4	15	.9	1	1	37	.12	<2	<5	<2	2	28	.4	2	<2	3	.38	.033	2	3	.08	35	<.01	8	.15	.02	.02	<2	<1
L1+75N 0+50E	3	19	5	40	<.3	7	4	325	3.68	<2	<5	<2	2	10	<.2	<2	<2	99	.13	.020	4	19	.52	30	.28	<3	3.04	.01	.04	<2	10
L1+75N 0+75E	7	56	<3	78	<.3	12	5	505	6.34	<2	<5	<2	3	8	<.2	<2	<2	143	.09	.025	4	43	1.41	95	.33	<3	6.01	.03	.14	<2	2
L1+75N 1+00E	2	2	3	3	<.3	1	1	64	1.16	<2	<5	<2	<2	4	<.2	<2	<2	70	.04	.008	2	4	.02	6	.17	<3	.38	.01	.01	<2	21
L1+50N 1+00W	4	36	<3	47	<.3	5	3	324	5.39	<2	5	<2	3	7	<.2	<2	<2	114	.09	.037	5	23	.31	13	.35	<3	5.70	.01	.02	<2	12
L1+25N 1+00W	7	27	<3	100	<.3	6	3	252	3.56	<2	<5	<2	2	9	<.2	2	<2	122	.12	.040	5	25	.41	17	.33	<3	6.02	.01	.03	<2	9
L1+25N 0+75W	8	12	13	21	.7	2	2	146	3.63	4	<5	<2	2	11	.2	2	<2	132	.15	.024	2	12	.13	13	.30	<3	1.19	.01	.02	<2	6
L1+25N 0+50W	25	39	<3	71	<.3	9	4	428	5.59	<2	<5	<2	3	11	<.2	<2	<2	125	.13	.030	4	35	.77	25	.32	<3	6.60	.02	.03	<2	15
L1+25N 0+25W	<1	6	20	28	<.3	3	1	6	.08	3	<5	<2	<2	51	.4	<2	<2	3	.42	.060	1	<1	.15	62	<.01	<3	.18	.01	.04	<2	1
L1+25N 0+25E	15	23	<3	26	<.3	12	3	249	8.12	2	6	<2	2	9	<.2	2	<2	167	.10	.030	4	64	.30	24	.42	6	1.52	.01	.03	<2	5
L1+25N 0+50E	11	68	3	81	<.3	15	3	383	2.32	<2	<5	<2	<2	8	<.2	<2	<2	106	.11	.049	6	47	1.07	74	.28	<3	5.29	.01	.11	2	8
L1+25N 0+75E	30	16	5	7	<.3	2	3	87	3.28	<2	<5	<2	<2	6	<.2	<2	<2	185	.05	.016	4	9	.02	9	.35	<3	.44	.01	.01	<2	4
STANDARD C3/AU-S	23	58	34	153	5.6	33	12	725	3.32	51	26	3	20	29	21.1	19	14	78	.60	.089	17	158	.64	118	.11	24	1.94	.04	.16	13	46

Sample type: SOIL. 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 ppm	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	Au* ppb
L1+00N 2+00W	<1	10	11	16	<.3	<1	<1	10	1.42	3	<5	<2	<2	35	.5	<2	4	2	.51	.041	<1	1	.03	36	.01	<3	.15	.01	.02	<2	<1
L1+00N 1+75W	3	26	4	27	<.3	3	2	136	5.71	<2	<5	<2	4	7	<.2	2	<2	107	.08	.023	4	22	.21	14	.24	3	7.76	<.01	.02	<2	5
L1+00N 1+50W	<1	11	57	24	<.3	5	1	150	.31	6	<5	<2	<2	23	1.4	<2	3	8	.34	.063	1	2	.05	36	.01	3	.35	<.01	.03	<2	<1
L1+00N 1+25W	12	22	9	21	<.3	1	2	95	4.56	2	<5	<2	<2	9	.2	<2	<2	137	.19	.026	2	18	.10	14	.30	<3	1.99	<.01	.02	<2	2
L1+00N 1+00W	1	5	16	20	<.3	2	<1	58	.14	5	<5	<2	<2	19	.3	<2	<2	4	.58	.049	<1	1	.04	18	.01	<3	.13	<.01	.02	<2	<1
L1+00N 0+75W	30	54	<3	50	<.3	3	2	269	6.31	<2	<5	<2	3	6	.3	<2	4	141	.09	.029	3	43	.40	27	.28	<3	6.57	.01	.02	<2	6
L1+00N 0+34W	33	67	<3	125	<.3	12	2	612	11.56	4	<5	<2	2	8	<.2	<2	<2	280	.08	.040	4	49	1.32	58	.38	5	4.04	<.01	.05	<2	2
L1+00N 0+25W	37	12	10	16	.3	3	1	44	1.93	3	<5	<2	<2	6	.2	<2	4	122	.08	.034	3	5	.03	11	.10	<3	.32	<.01	.02	<2	3
L1+00N 0+25E	14	26	4	24	<.3	5	<1	123	6.08	<2	<5	<2	2	8	<.2	<2	3	173	.08	.021	3	38	.18	14	.36	5	4.23	<.01	.02	<2	4
L1+00N 0+50E	6	27	<3	51	<.3	9	2	214	3.60	<2	<5	<2	2	6	<.2	<2	4	115	.16	.019	4	35	.54	52	.27	<3	3.68	<.01	.07	<2	1
L1+00N 0+75E	8	23	3	21	<.3	6	1	107	5.99	2	<5	<2	2	4	<.2	<2	6	154	.12	.022	2	51	.16	10	.51	<3	1.71	<.01	.02	<2	<1
L1+00N 1+00E	2	15	9	11	<.3	2	1	22	.13	<2	<5	<2	<2	4	1.3	<2	<2	11	.06	.040	1	3	.02	7	.03	<3	.59	.01	.01	<2	20
L0+75N 0+25E	20	47	<3	68	<.3	9	1	319	7.83	<2	<5	<2	2	7	.7	<2	<2	207	.09	.028	4	57	.71	22	.38	3	4.69	.01	.03	<2	4
L0+75N 0+50E	5	11	10	4	<.3	2	1	20	.09	<2	<5	<2	<2	3	.4	<2	<2	16	.02	.017	5	6	.01	4	.14	<3	.38	<.01	.01	<2	7
L0+50N 0+25E	11	17	<3	66	<.3	9	<1	339	5.08	3	5	<2	4	5	.2	<2	6	101	.06	.032	6	41	.70	52	.19	4	7.13	.01	.06	<2	<1
L0+50N 0+50E	1	1	<3	1	<.3	<1	<1	8	.04	<2	<5	<2	<2	2	<.2	<2	2	2	.02	.012	3	1	<.01	<1	.01	<3	.10	<.01	.01	<2	10
L0+50N 1+00E	1	4	4	8	<.3	3	3	53	1.89	2	<5	<2	<2	8	<.2	<2	<2	67	.13	.015	1	16	.10	7	.07	<3	.23	<.01	.01	<2	2
L0+50N 1+25E	4	10	31	8	.3	4	<1	36	.57	<2	5	<2	<2	11	.2	<2	<2	20	.12	.118	4	12	.04	21	.05	4	.85	.01	.06	<2	2
L0+50N 1+64E	5	29	<3	38	<.3	9	4	201	4.84	<2	7	<2	4	9	<.2	<2	3	109	.11	.026	4	38	.42	29	.30	<3	7.51	.01	.04	<2	12
L0+50N 1+75E	1	8	18	9	.3	2	1	38	1.18	2	6	<2	<2	14	.5	<2	3	22	.13	.063	3	4	.05	18	.05	<3	.58	.01	.03	<2	1
L0+50N 2+00E	<1	3	11	18	.4	1	<1	9	.06	2	<5	<2	<2	28	.5	<2	5	2	.43	.038	<1	1	.06	10	<.01	<3	.09	.01	.03	<2	<1
L0+50N 2+25E	<1	1	5	3	<.3	1	1	43	.92	2	<5	<2	<2	2	<.2	<2	2	45	.03	.012	1	3	.06	<1	.08	<3	.25	<.01	.02	<2	6
RE L0+50N 2+25E	<1	2	4	3	.3	1	1	46	.96	<2	6	<2	<2	3	<.2	<2	4	48	.03	.013	1	3	.07	4	.09	<3	.26	<.01	.03	<2	10
L0+50N 2+50E	<1	3	7	10	.4	2	<1	8	.07	2	5	<2	<2	24	.4	2	<2	2	1.02	.049	<1	1	.02	14	<.01	<3	.10	<.01	.03	<2	2
L0+50N 2+75E	2	4	27	16	.3	4	1	15	.29	4	8	<2	<2	20	1.1	<2	2	18	.56	.061	1	2	.02	14	.03	<3	.16	.01	.05	<2	<1
L0+50N 3+25E	2	3	24	5	<.3	3	1	28	.53	2	<5	<2	<2	10	<.2	<2	4	31	.10	.070	2	4	.04	14	.10	4	.55	.01	.05	<2	10
L0+50N 3+50E	2	2	10	5	<.3	<1	1	55	.71	<2	6	<2	<2	8	<.2	<2	<2	60	.27	.017	2	6	.03	3	.18	<3	.57	<.01	.02	<2	9
L0+50N 3+75E	3	5	10	15	<.3	3	2	124	.98	3	<5	<2	<2	11	.2	<2	2	54	.13	.017	2	6	.23	14	.23	<3	.83	<.01	.03	<2	10
L0+50N 4+25E	3	23	<3	43	<.3	8	9	343	2.55	<2	6	<2	3	22	.2	2	<2	67	.29	.061	6	15	.53	47	.13	<3	2.83	.02	.09	<2	23
L0+00 0+25E	3	22	<3	34	<.3	7	4	183	3.30	<2	6	<2	3	10	.2	<2	<2	96	.12	.024	5	24	.38	21	.24	<3	5.90	.01	.03	<2	15
L0+00 0+50E	2	3	11	2	<.3	3	<1	20	.28	2	6	<2	<2	4	<.2	2	<2	45	.04	.007	2	8	.02	3	.28	<3	.71	<.01	.01	<2	18
L0+00 0+75E	3	28	<3	42	.3	9	5	247	4.54	3	<5	<2	5	11	.6	<2	<2	91	.16	.029	5	30	.55	36	.24	<3	7.34	.02	.06	2	13
L0+00 1+00E	4	9	3	7	.3	2	1	56	3.15	2	9	<2	2	8	<.2	<2	3	176	.06	.011	2	9	.03	<1	.28	3	.60	<.01	.02	<2	14
L0+00 1+25E	<1	4	47	19	.4	5	1	24	.29	4	10	<2	<2	21	.9	2	5	11	.47	.053	1	2	.06	24	.03	4	.24	<.01	.05	<2	1
L0+00 1+65E	2	28	<3	52	.4	13	7	337	2.97	3	5	<2	4	22	<.2	2	<2	75	.30	.056	8	22	.78	50	.15	<3	4.33	.01	.11	<2	498
STANDARD C3/AU-S	27	68	32	167	5.5	37	11	745	3.69	58	24	2	21	33	23.1	19	27	87	.66	.096	20	187	.66	156	.11	22	2.14	.04	.19	13	47

Sample type: SOIL. 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 ppm	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	Au* ppb
L0+00 1+95E	6	55	5	49	<.3	9	7	249	2.47	4	<5	<2	4	15	.4	3	2	64	.18	.013	5	22	.64	28	.21	<3	3.56	.01	.06	<2	14
L0+00 2+00E	<1	6	18	16	.6	1	2	38	.17	2	5	<2	<2	15	.6	2	3	9	.17	.124	2	2	.04	25	.01	3	.55	.01	.06	<2	<1
L0+00 2+25E	1	4	30	16	<.3	4	1	90	.29	3	<5	<2	<2	14	.5	2	2	9	.27	.080	1	3	.05	14	.02	4	.52	<.01	.02	<2	<1
L0+00S 0+50E	1	1	12	3	<.3	1	<1	26	.31	2	<5	<2	<2	12	.3	2	4	27	.10	.022	2	5	.03	11	.15	<3	.39	<.01	.02	<2	14
L0+50S 0+25W	2	<1	5	<1	<.3	1	1	37	.85	2	<5	<2	<2	4	<.2	<2	<2	63	.07	.008	2	5	.01	4	.13	<3	.17	<.01	.01	<2	22
L0+50S 0+37E	3	23	8	47	.3	8	7	276	4.15	9	<5	<2	4	14	.3	<2	11	93	.18	.021	5	29	.64	29	.23	3	5.10	.02	.06	<2	13
L0+50S 0+50E	1	5	14	9	.3	1	1	45	1.21	<2	<5	<2	<2	24	.3	<2	2	20	.19	.053	2	5	.06	36	.05	3	.88	.01	.04	<2	1
L0+50S 0+75E	3	11	9	9	.3	5	4	50	6.22	5	<5	<2	2	6	.3	3	5	195	.07	.015	2	22	.07	4	.33	<3	1.97	<.01	.02	<2	9
L1+00S 0+25E	7	15	14	38	<.3	9	4	156	3.05	2	<5	<2	3	10	.3	<2	<2	96	.13	.021	5	29	.34	21	.21	<3	3.62	.01	.03	<2	11
L1+00S 0+50E	3	3	8	10	<.3	2	1	49	.40	3	<5	<2	<2	9	.4	<2	<2	9	.18	.048	2	2	.06	26	.01	4	.25	<.01	.04	<2	1
L1+00S 0+75E	<1	5	6	19	.3	1	<1	<2	.06	2	<5	<2	<2	38	.2	<2	3	2	.04	.056	<1	1	.09	50	.01	3	.25	.01	.03	<2	<1
L1+00S 1+00E	<1	2	8	1	<.3	2	1	<2	.15	2	<5	<2	<2	8	<.2	<2	2	6	.08	.104	2	2	.01	19	.01	<3	.51	.01	.03	<2	<1
L1+00S 1+25E	<1	1	<3	2	<.3	1	1	<2	.05	<2	7	<2	<2	9	<.2	2	<2	2	.12	.046	1	1	.01	5	<.01	<3	.21	<.01	.02	<2	1
L1+00S 1+50E	<1	3	22	10	.4	2	1	9	.20	3	<5	<2	<2	12	.5	2	3	3	.12	.106	2	1	.03	22	<.01	<3	.38	.01	.05	<2	<1
L1+00S 1+75E	<1	3	6	21	.3	1	2	11	.14	2	<5	<2	<2	29	.7	2	<2	2	.11	.072	1	1	.09	26	<.01	<3	.22	<.01	.05	<2	1
L1+00S 2+00E	<1	1	<3	2	<.3	<1	3	53	2.56	<2	<5	<2	<2	5	.2	<2	2	80	.05	.009	1	3	.02	<1	.04	<3	.12	.02	.01	<2	1
BL 3+50N	3	29	3	54	<.3	7	4	231	2.46	<2	<5	<2	2	15	<.2	<2	<2	69	.19	.050	6	17	.54	39	.14	<3	3.90	.01	.10	<2	8
BL 3+00N	3	12	8	33	<.3	2	3	191	3.33	5	<5	<2	<2	9	.3	<2	<2	91	.14	.040	4	17	.35	30	.17	3	1.31	.02	.04	<2	2
RE BL 3+00N	3	11	7	34	<.3	6	2	193	3.40	5	<5	<2	<2	9	.3	<2	<2	93	.14	.041	4	16	.36	30	.17	3	1.31	.01	.04	<2	1
BL 2+75N	1	8	58	18	.3	4	1	311	.75	7	<5	<2	<2	19	.4	2	6	22	.58	.089	2	3	.04	54	.04	<3	.76	.01	.04	<2	1
BL 2+00N	4	19	9	15	<.3	2	1	82	3.88	<2	<5	<2	<2	7	.4	<2	6	212	.08	.015	4	14	.16	16	.44	<3	.71	<.01	.02	<2	<1
BL 1+75N	6	22	6	9	<.3	1	2	36	2.77	2	<5	<2	<2	10	<.2	2	<2	137	.05	.027	2	8	.03	12	.27	<3	.68	<.01	.01	<2	1
BL 1+50N	23	25	6	45	.4	4	1	276	1.22	<2	<5	<2	2	10	<.2	2	4	58	.10	.031	4	17	.46	29	.18	<3	1.69	.01	.07	<2	5
BL 1+25N(A)	79	20	6	37	<.3	6	1	226	4.91	<2	<5	<2	2	4	.2	<2	<2	152	.05	.024	5	23	.50	43	.30	4	1.28	.01	.08	<2	1
BL 1+25N(B)	99	34	3	66	<.3	6	2	474	5.77	<2	<5	<2	3	13	.6	<2	<2	136	.08	.037	4	40	.74	34	.24	3	3.18	.01	.05	<2	7
BL 1+00N	28	4	4	7	<.3	<1	<1	73	.27	2	<5	<2	<2	4	<.2	<2	<2	13	.01	.023	4	8	.12	16	.05	<3	.46	<.01	.03	<2	8
BL 0+75N	250	20	3	37	.3	5	<1	330	8.41	3	<5	<2	2	9	.2	<2	8	160	.21	.058	3	44	.34	12	.27	3	2.57	<.01	.04	<2	1
BL 0+75N(B)	43	39	7	43	<.3	7	3	288	7.22	4	<5	<2	3	9	<.2	<2	8	126	.11	.032	4	42	.53	17	.26	<3	3.18	<.01	.04	<2	9
BL 0+50N	27	24	4	27	<.3	3	3	174	7.82	<2	<5	<2	3	8	<.2	<2	<2	112	.11	.029	2	35	.28	6	.25	<3	2.91	.01	.03	<2	8
BL 0+50N(A)	33	18	9	25	<.3	1	3	283	6.65	2	<5	<2	3	7	<.2	2	6	199	.17	.045	4	30	.21	20	.36	4	3.86	.01	.08	<2	6
BL 0+50N(B)	81	28	6	24	<.3	<1	<1	139	11.32	<2	<5	<2	3	6	<.2	<2	<2	248	.12	.047	3	39	.18	10	.46	5	3.24	.01	.03	<2	3
BL 0+75S	1	13	10	47	.3	4	2	16	.34	<2	<5	<2	<2	4	2.1	2	<2	9	.05	.164	2	3	.02	16	.02	3	1.19	<.01	.09	<2	2
BL 1+00S	<1	2	9	11	<.3	<1	<1	<2	.19	2	<5	<2	<2	29	.5	<2	2	5	.07	.042	1	2	.04	44	.01	3	.32	<.01	.03	<2	1
BL 1+50S	4	7	6	5	<.3	1	1	40	3.48	<2	<5	<2	<2	7	<.2	<2	2	185	.08	.009	2	9	.03	9	.37	<3	.65	<.01	.01	<2	17
STANDARD C3/AU-S	26	64	37	161	5.6	37	12	731	3.52	56	21	2	22	33	23.6	18	26	85	.64	.095	20	185	.65	148	.11	22	2.01	.05	.19	14	45

Sample type: SOIL. 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 ppm	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	Au* ppb
E 1	5	22	7	20	.9	9	1	97	8.20	3	<5	<2	2	19	<.2	4	<2	113	.13	.064	4	24	.19	17	.27	13	3.60	.01	.03	<2	16
E 2	5	21	6	15	.7	4	1	80	1.78	<2	8	<2	<2	9	.3	<2	<2	51	.13	.060	7	30	.32	6	.11	<3	5.20	<.01	.02	<2	12
E 3	11	25	8	73	.6	14	9	199	1.79	6	7	<2	<2	19	.2	<2	<2	70	.26	.075	9	32	.62	41	.17	4	5.13	.02	.07	<2	8
E 4	4	25	<3	116	<.3	23	8	441	2.58	<2	10	<2	2	29	.4	<2	3	77	.35	.037	7	73	1.11	52	.22	<3	3.44	.03	.24	<2	6
E 5	3	34	<3	125	<.3	37	14	670	3.70	<2	8	<2	2	30	.5	<2	3	84	.26	.064	17	157	1.72	78	.22	<3	7.44	.03	.37	<2	9
E 6	3	20	3	36	<.3	7	6	266	2.66	<2	<5	<2	2	22	.2	<2	<2	74	.31	.070	6	17	.49	34	.13	<3	3.72	.03	.08	<2	8
E 7	4	27	5	57	<.3	8	5	333	2.26	<2	<5	<2	<2	17	.2	<2	<2	60	.22	.051	6	17	.72	54	.15	5	4.12	.01	.13	2	8
E 8	4	42	<3	64	<.3	15	7	365	2.13	<2	<5	<2	2	29	.2	<2	<2	74	.47	.081	7	25	.79	70	.15	<3	3.63	.03	.15	<2	17
E 9	4	22	13	42	<.3	8	5	229	1.98	<2	<5	<2	<2	19	<.2	<2	<2	64	.28	.040	4	15	.47	32	.16	<3	2.25	.02	.08	<2	12
E 10	5	70	<3	57	<.3	11	13	883	3.23	<2	8	<2	2	36	.3	<2	2	73	.50	.065	8	16	.74	74	.15	4	2.52	.04	.17	<2	13
E 11	17	80	3	70	<.3	19	10	564	4.55	<2	<5	<2	2	38	.3	2	2	87	.46	.078	6	32	1.06	118	.16	<3	2.54	.06	.27	<2	6
E 12	57	153	<3	74	.3	26	6	517	5.98	5	<5	<2	3	23	<.2	2	<2	151	.22	.046	5	104	1.64	159	.25	6	4.79	.05	.49	<2	2
E 13	76	133	<3	86	<.3	14	6	613	5.75	<2	<5	<2	3	29	<.2	<2	<2	132	.34	.058	9	50	1.56	229	.20	4	6.49	.06	.52	<2	3
RE E 13	78	143	<3	91	.4	13	7	647	6.11	<2	<5	<2	3	31	<.2	<2	<2	138	.35	.060	9	53	1.64	245	.21	<3	6.85	.07	.54	<2	3
E 14	14	49	3	36	<.3	3	4	295	3.58	<2	<5	<2	2	11	<.2	<2	<2	89	.11	.048	8	21	.58	50	.14	<3	5.57	.01	.09	<2	2
E 15	14	42	<3	113	<.3	10	2	674	6.55	<2	<5	<2	3	30	<.2	2	12	182	.19	.049	4	39	1.83	118	.23	<3	7.25	.05	.24	<2	2
E 16	2	21	7	16	.5	4	1	60	.76	<2	8	<2	<2	21	.4	<2	<2	13	.23	.126	5	5	.08	57	.01	<3	2.17	.01	.04	<2	1
E 17	2	30	5	60	<.3	6	5	270	2.32	<2	7	<2	<2	18	.4	<2	<2	67	.21	.056	7	18	.62	55	.15	<3	5.02	.02	.10	<2	10
S 1	2	32	<3	56	<.3	13	8	372	3.12	2	<5	<2	2	26	<.2	<2	4	74	.40	.066	7	21	.94	62	.15	<3	3.65	.02	.11	<2	20
S 2	2	18	4	27	<.3	7	6	170	4.10	<2	<5	<2	2	11	<.2	2	2	138	.14	.010	4	19	.30	29	.31	<3	2.87	.01	.03	<2	5
S 3	4	25	7	49	<.3	11	6	255	4.55	<2	<5	<2	4	17	<.2	<2	<2	100	.20	.032	8	32	.59	34	.25	<3	5.51	.02	.05	<2	3
S 4	3	32	7	87	<.3	13	6	253	5.77	6	<5	<2	4	12	.5	2	6	118	.13	.024	4	58	.48	43	.34	6	7.78	.01	.07	<2	12
S 5	5	60	9	51	.4	13	6	258	5.99	<2	<5	<2	5	11	<.2	<2	2	121	.13	.030	4	41	.55	39	.35	<3	6.06	.02	.06	<2	7
W 1	2	48	4	86	<.3	7	9	378	3.31	<2	<5	<2	3	27	.4	<2	<2	72	.36	.076	5	16	.56	60	.12	<3	2.65	.03	.11	<2	11
W 2	2	26	<3	28	<.3	4	3	221	3.87	<2	<5	<2	2	8	.4	<2	4	88	.10	.037	5	14	.25	20	.20	<3	3.56	<.01	.04	<2	6
W 3	2	48	5	20	<.3	6	2	136	1.94	2	<5	<2	<2	11	.3	<2	<2	50	.15	.079	7	24	.24	35	.12	3	5.47	.01	.05	<2	4
W 4	4	19	7	27	.3	4	2	168	4.08	<2	<5	<2	4	10	.5	2	7	100	.13	.028	6	20	.24	32	.27	<3	4.80	.01	.03	<2	7
W 5	3	34	6	54	<.3	7	6	353	2.73	<2	<5	<2	<2	24	<.2	<2	<2	67	.33	.055	5	14	.54	76	.15	<3	2.48	.02	.11	<2	15
W 6	3	16	<3	35	<.3	6	4	244	2.31	<2	<5	<2	<2	15	<.2	<2	<2	67	.20	.028	4	15	.47	28	.18	<3	2.11	.02	.05	<2	13
W 7	38	31	6	89	.3	5	4	277	3.91	<2	<5	<2	3	10	.9	2	5	105	.14	.034	4	19	.39	33	.25	5	2.97	.01	.06	<2	11
W 8	3	22	3	34	<.3	4	5	216	3.30	<2	<5	<2	2	12	<.2	<2	3	82	.17	.042	5	16	.42	19	.20	<3	4.23	.01	.06	<2	8
W 9	3	23	7	39	<.3	6	4	225	3.77	<2	<5	<2	3	10	.3	<2	<2	112	.20	.033	5	19	.36	34	.25	<3	3.91	.01	.05	<2	7
W 10	2	16	4	28	<.3	5	3	166	.90	<2	<5	<2	<2	15	<.2	<2	2	38	.18	.033	5	14	.37	34	.13	<3	2.79	.01	.04	<2	7
W 11	2	32	<3	39	<.3	9	5	225	3.12	<2	<5	<2	5	11	<.2	<2	9	71	.17	.037	5	41	.62	38	.20	<3	7.72	.01	.05	<2	26
W 12	2	68	4	70	<.3	13	7	358	3.60	<2	<5	<2	3	19	.3	<2	2	89	.31	.068	7	23	.73	65	.19	<3	4.84	.03	.10	<2	27
STANDARD C3/AU-S	26	65	34	166	5.8	36	12	757	3.71	55	26	2	19	32	23.8	16	24	87	.65	.094	19	178	.68	155	.11	24	2.03	.04	.19	15	44

Sample type: SOIL. 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 ppm	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	Au* ppb
W 13	6	49	<3	107	<.3	12	2	601	4.31	<2	5	<2	3	8	<.2	<2	6	143	.09	.043	4	58	1.29	98	.26	<3	5.56	.02	.17	<2	9
W 14	8	87	<3	119	.4	13	6	572	5.13	<2	<5	<2	<2	12	<.2	<2	6	143	.09	.073	5	37	1.20	76	.22	<3	8.52	.02	.17	<2	6
W 15	3	22	3	37	<.3	21	7	192	4.31	4	5	<2	<2	12	.2	<2	<2	127	.19	.032	4	38	.65	36	.28	<3	4.84	.02	.10	<2	5
RE W 15	3	22	4	38	<.3	21	7	192	4.29	<2	6	<2	2	12	.2	<2	4	125	.19	.033	5	38	.65	36	.29	<3	4.99	.02	.09	<2	19

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

Data FA

GEOCHEMICAL ANALYSIS CERTIFICATE

Fitch, Bernard File # 97-2810 Page 1

304 - 420 - 7th St., New Westminster BC V3M 3L1

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au* ppb
6-04-01	87	48	3	106	<.3	17	13	767	4.05	<2	<5	<2	<2	37	.4	<2	<2	79	.48	.367	2	40	1.19	20	.10	<3	1.80	.18	.66	3	3
6-04-02	993	119	<3	124	<.3	22	13	984	4.30	<2	<5	<2	<2	23	.4	<2	<2	105	.51	.058	2	45	1.45	20	.12	<3	1.77	.12	.86	3	1
6-04-03	28	188	<3	70	<.3	8	42	812	13.37	<2	<5	<2	<2	23	.5	2	<2	227	1.36	.067	1	6	.53	26	.40	<3	1.33	.18	.06	2	2
6-04-04	2817	87	4	77	<.3	9	10	679	2.92	<2	<5	<2	<2	26	.5	2	<2	58	.32	.042	3	23	.86	40	.08	<3	1.20	.12	.23	4	1
6-04-05	21	17	<3	15	.7	2	2	130	1.03	27	<5	<2	<2	9	<.2	<2	<2	6	.03	.006	3	17	.08	20	.01	<3	.26	.04	.05	5	571
RE 6-04-05	20	86	4	50	.7	3	2	125	.99	26	<5	<2	<2	8	<.2	<2	<2	6	.03	.006	2	16	.08	20	.01	<3	.25	.04	.06	5	556
6-04-06	10	115	<3	10	<.3	11	19	105	3.37	<2	<5	<2	<2	12	<.2	<2	<2	7	.10	.016	1	17	.16	17	.01	<3	.39	.06	.02	5	9

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 ROCK P2 TO P5 SOIL AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 11 1997 DATE REPORT MAILED: June 20/97 SIGNED BY: ..... A.D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Date ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au* ppb
0+00 0+25W	11	18	9	14	<.3	2	3	76	5.39	4	<5	<2	<2	7	<.2	4	<2	168	.09	.016	2	22	.11	9	.32	<3	3.26	.07	.02	<2	22
0+00 0+50E	4	13	7	7	<.3	2	3	55	7.24	<2	<5	<2	<2	4	<.2	3	<2	358	.05	.011	1	21	.02	6	.57	<3	1.17	<.01	.01	<2	13
0+00 1+50E	2	11	5	5	<.3	2	4	47	4.47	3	<5	<2	<2	4	<.2	3	<2	324	.07	.007	3	17	.01	4	.36	<3	.76	<.01	.01	<2	12
0+00 1+65E	2	24	7	43	<.3	10	7	263	3.33	<2	<5	<2	<2	16	<.2	<2	<2	92	.18	.033	6	24	.61	27	.20	<3	4.58	.02	.05	<2	18
0+10S 1+65E	2	23	7	33	<.3	8	5	190	4.28	<2	<5	<2	3	10	<.2	<2	<2	125	.13	.021	3	31	.41	22	.29	<3	5.59	.01	.04	<2	16
0+20S 1+65E	3	21	9	30	<.3	7	5	165	4.33	2	<5	<2	3	8	.2	2	<2	131	.11	.017	2	32	.36	17	.33	<3	5.89	.01	.03	<2	9
0+50S 1+00W	4	11	10	8	.9	3	1	30	.41	2	<5	<2	<2	14	<.2	2	<2	29	.19	.037	3	13	.06	11	.15	3	.64	.01	.02	<2	5
0+50S 0+75W	3	14	4	18	<.3	4	4	117	5.35	<2	<5	<2	<2	9	<.2	3	<2	129	.11	.023	2	17	.26	12	.25	3	1.44	.01	.03	<2	5
0+50S 0+50W	3	7	6	6	<.3	2	2	60	2.83	<2	<5	<2	<2	5	<.2	2	<2	168	.07	.008	2	11	.04	7	.32	<3	.64	.01	.01	<2	26
0+75S 1+00W	1	59	10	85	.8	7	4	85	.29	<2	<5	<2	<2	28	2.0	2	<2	17	.29	.063	3	8	.16	27	.03	<3	1.93	.02	.03	<2	3
0+75S 0+75W	4	18	6	32	<.3	8	5	185	5.47	<2	5	<2	<2	13	<.2	2	<2	134	.16	.020	3	23	.42	20	.34	<3	2.36	.01	.04	<2	41
0+75S 0+50W	4	14	5	14	<.3	3	3	85	7.00	3	<5	<2	<2	8	<.2	2	<2	166	.10	.018	2	19	.12	6	.38	<3	1.58	.01	.02	<2	15
0+75S 0+25W	4	24	4	39	<.3	8	6	214	4.34	<2	<5	<2	2	11	.3	<2	<2	94	.13	.019	3	28	.50	21	.22	<3	6.16	.02	.03	<2	16
RE 0+75S 0+25W	3	24	3	39	<.3	8	6	206	4.24	<2	<5	<2	3	11	.2	<2	<2	91	.13	.021	3	28	.50	21	.22	<3	6.29	.02	.03	<2	16
1+00S 0+75W	2	6	9	9	<.3	2	1	78	.90	<2	<5	<2	<2	14	<.2	2	<2	85	.14	.018	2	9	.09	10	.29	<3	.84	.01	.02	<2	9
1+00S 0+50W	4	14	12	19	<.3	6	3	116	6.24	3	<5	<2	<2	9	<.2	3	<2	211	.09	.020	3	26	.25	12	.46	<3	1.55	.01	.03	<2	10
1+00S 0+25W	3	12	8	11	<.3	2	3	74	4.07	<2	<5	<2	<2	7	<.2	2	<2	157	.09	.015	2	16	.08	8	.34	<3	1.47	.01	.01	<2	4
0+75N 1+00W	4	50	5	38	<.3	5	4	194	4.15	<2	<5	<2	2	6	.5	<2	<2	98	.07	.036	3	28	.35	16	.19	<3	7.05	.01	.02	<2	5
0+75N 0+75W	1	11	6	8	<.3	1	3	63	2.88	<2	<5	<2	<2	5	<.2	3	<2	100	.07	.010	3	15	.05	11	.13	<3	1.86	.01	.01	<2	24
0+75N 0+50W	22	24	9	19	<.3	2	1	130	6.94	<2	<5	<2	<2	5	<.2	<2	<2	297	.07	.018	3	29	.18	11	.45	<3	1.61	<.01	.01	<2	2
0+75N 0+25W	13	31	<3	94	<.3	12	1	635	5.25	<2	<5	<2	<2	7	<.2	<2	<2	262	.07	.031	3	47	1.22	68	.33	<3	2.92	.01	.16	<2	1
0+50N 1+00W	55	15	6	13	<.3	2	2	73	6.34	<2	<5	<2	<2	5	<.2	2	<2	220	.06	.021	2	17	.07	9	.45	<3	1.10	.01	.01	<2	3
0+25N 1+00W	5	52	8	84	<.3	5	1	552	9.90	<2	<5	<2	<2	5	<.2	<2	<2	233	.05	.038	4	41	.93	20	.48	<3	4.35	.01	.03	<2	3
0+25N 0+75W	6	33	10	67	<.3	3	2	349	6.93	<2	<5	<2	3	5	.2	<2	<2	160	.05	.026	3	32	.73	18	.29	<3	7.68	.01	.02	<2	3
0+25N 0+50W	3	16	6	17	<.3	3	3	96	5.47	<2	<5	<2	3	7	<.2	<2	<2	151	.10	.021	2	29	.18	10	.53	<3	5.68	.01	.02	<2	8
0+25N 0+25W	20	21	8	15	<.3	2	3	99	7.47	<2	<5	<2	<2	5	<.2	<2	<2	293	.07	.017	2	26	.11	8	.50	<3	2.27	.01	.01	<2	12
0+20N 1+65E	4	27	<3	37	.4	10	6	200	4.80	4	<5	<2	4	12	.3	2	<2	98	.14	.028	4	46	.53	23	.24	<3	8.83	.01	.04	2	9
0+00 0+75W	11	26	6	11	<.3	1	1	68	14.07	<2	<5	<2	<2	2	.3	2	<2	380	.03	.025	2	28	.05	9	.75	<3	2.50	<.01	.01	<2	3
0+00 0+50W *	<1	1	<3	<1	<.3	<1	<1	<2	.08	<2	<5	<2	<2	<1	<.2	<2	<2	2	<.01	<.001	<1	<1	<.01	<1	<.01	<3	.02	<.01	<.01	<2	8
STANDARD C3/AU-S	24	66	36	155	5.5	36	12	696	3.35	52	22	<2	19	29	22.6	16	17	84	.56	.091	17	169	.62	127	.09	19	1.90	.04	.16	16	43

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

* No 90 data, will fax to you as soon as available.

Data ___ FA ___

APPENDIX B

APPENDIX B

CERTIFICATE OF QUALIFICATION

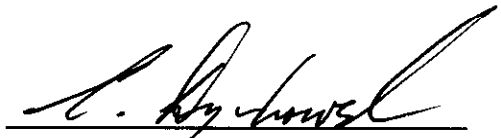
I, Christopher I. Dyakowski, do hereby certify that:

1. I am a geologist with a business office at 3750 West 49th Ave, Vancouver, B.C. V6N 3T8.

2. I am a graduate in geology of the University of British Columbia (B.Sc. 1975)

3. I am a Registered Professional Geoscientist in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

4. This report may be used by Thurlow Resources Ltd for an Assessment Report.



Christopher I. Dyakowski, P. Geo.

30 July, 1997