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ACTION:

FILE NO: 87-906 16486

1987 ASSESSMENT REPORT
GEOCHEMICAL SURVEY
OF THE
GEE WHIZ CLAIMS
VANCOUVER MINING DIVISION

NTS 92614W

LATITUDE 123° 28' 27"20"

LONGITUDE 49° 56' 24"

FOR

Operator: TENQUILLE RESOURCES LTD.

801 - 700 WEST PENDER STREET

VANCOUVER, B.C. V6C 1G8

FILMED

Owner: Howard Ross

BY

JOHN E. ROBINS

COOKE GEOLOGICAL CONSULTANTS LTD.

107 - 325 HOWE STREET

VANCOUVER, B.C. V6C 1Z7

SEPTEMBER 28, 1987

16,486

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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INTRODUCTION

During August of 1987 Cooke Geological Consultants Ltd., on behalf of Tenquille Resources Ltd., completed a geochemical survey over a portion of the Gee Whiz mineral claims near Squamish, B.C.

This report is based on the results of this survey and upon observations made.

PROPERTY, LOCATION AND ACCESS

The property consists of one, 18 unit, mineral claim owned by Howard Ross of Vancouver, British Columbia.

<u>Claim Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Expiry Date</u>
Gee Whiz	18	1969 (8)	Aug. 20/88

The Gee Whiz mineral claim is situated approximately 45 kilometres northwest of Squamish, British Columbia on the South side of the Ashlu River. Geodetic coordinates are 49°56'N and 123°28'W.

Two wheel drive access is provided by a well maintained paved and gravel logging road which exits from Highway 99 a few kilometres north of Squamish.

PHYSIOGRAPHY AND VEGETATION

The property is located in the rugged Coast Range Mountains in an area of high relief and dense vegetation. Numerous steep cliffs and ravines restrict access around the claims.



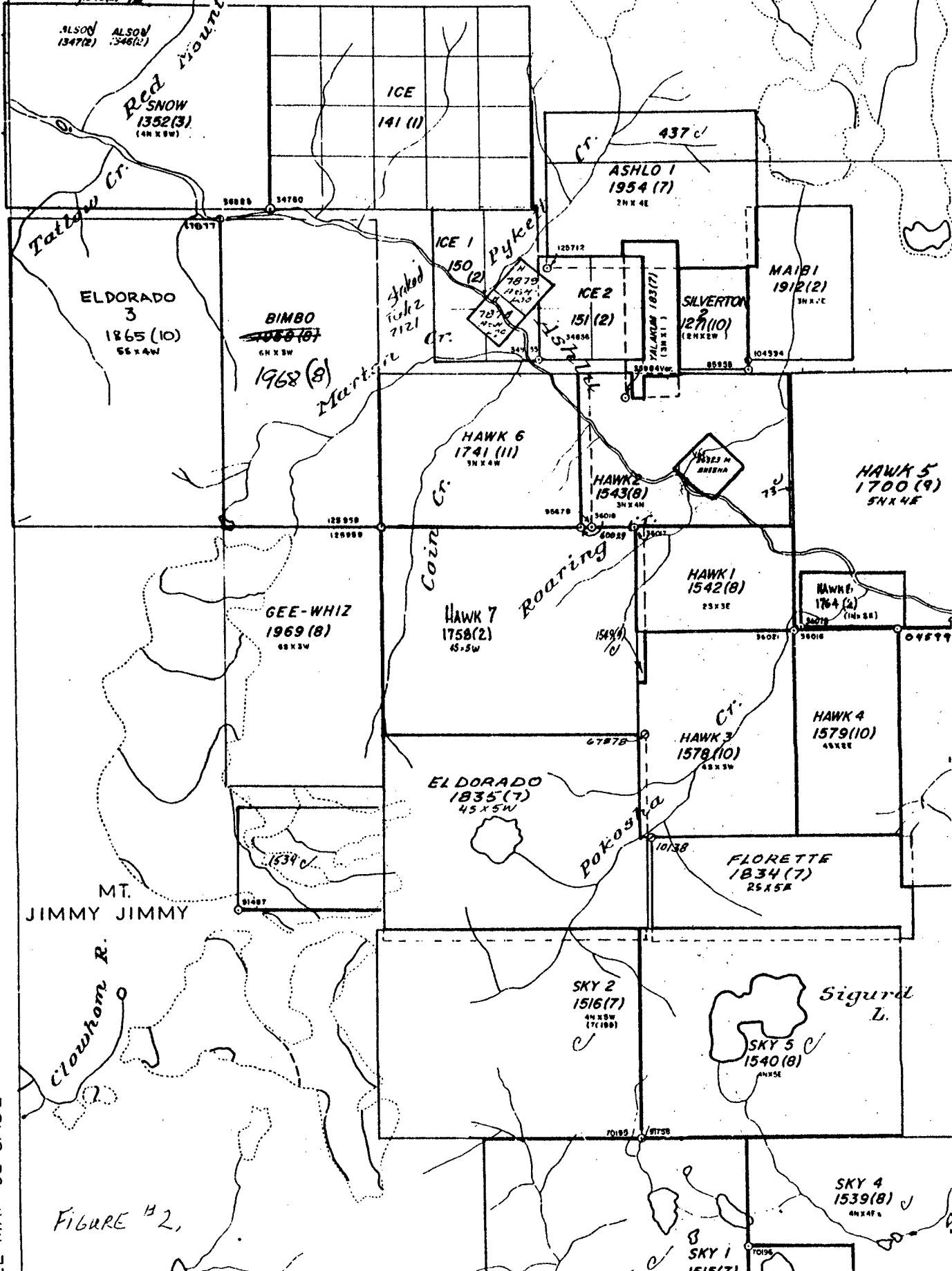
BRITISH COLUMBIA
Scale 1:7,500,000



TENUILLE RESOURCES LTD.			
GEE-WHIZ PROPERTY			
LOCATION MAP			
WORK BY	DRAWN D. J. B.	DATE NOV. 1985	FIGURE 1
Revised		N.T.S. 92 6 / 14	

M92G/14W

IRMA-3 C
787(10)
(68 X 32)



5

4

EE MAP 92 G/13E

FIGURE #2,

HISTORY

The Gee Whiz claim was staked on July 20, 1986 and adjoins the Hawk claim group to the west. The first claims in the immediate area were staked in 1923 by Fred Fykett and Associates after prospecting in the area for several seasons. The claims were located over a well mineralized gold quartz vein in the canyon of Roaring Creek near its confluence with the Ashlu River.

From 1925 to 1939 the claims were explored and developed by a number of mining syndicates with production of approximately 15,000 ton averaging 0.43 oz. au/ton, 0.48 oz/ton silver and 0.22% copper. In 1939 the mine was closed after 5 levels had been developed and mined. The adjoining property lay dormant from 1939 to 1972 when it was restaked by W. Babkirk and several mining companies including Ashlu Gold Mines, Osprey Mining Co. and, most recently, Tenquille Resources Ltd. have attempted to bring the project back into production. The Gee-Whiz claim was then staked July 20, 1986 by Howard Ross and is now operated by Tenquille Resources Ltd.

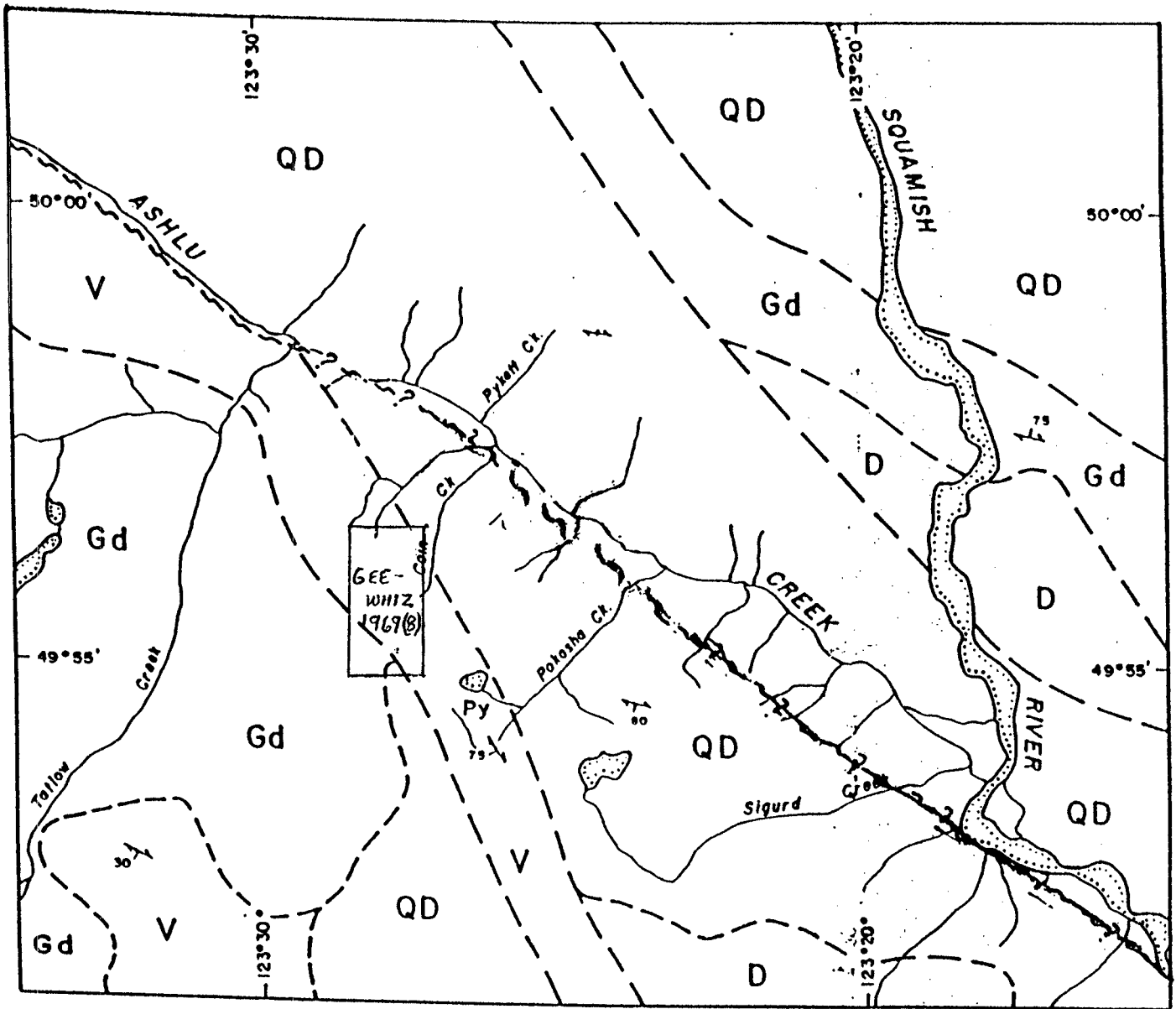
GEOLOGY

The Gee-Whiz claims are situated within the coast crystalline belt of plutonic and metamorphic rocks. Cretaceous mafic meta-volcanics of the Gambier Group are intruded by cretaceous felsic plutons of the coastal intrusives. Mineralization is generally thought to be associated with the contact of the intrusives with the volcanic roof pendants. The area is faulted by northwest trending structures and to a lesser extent northeast striking shears. Regional geology is illustrated in Figure 3.

GEOCHEMICAL SURVEY

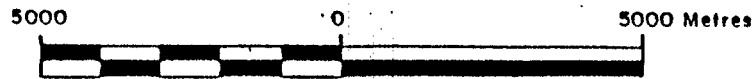
"B" soil horizon, about 15 cm depth, where available, or talus fines.

In August of 1987 a soil sample survey was conducted on the northeast corner of the claim block. A total of 80 soils were collected along contour lines, claim lines and road exposures at 25m intervals. The samples were analyzed by Min-En Labs of North Vancouver (See Appendix I) for 6 element ICP including Ag, As, Cu, Pb, Sb, Zn, and Au geochem. The results are included as Appendix II and plotted on Figure 4.



- D** ... Diorite, minor gabbro
- Gd** ... Granodiorite
- QD** ... Quartz diorite
- V** ... Gambler Gp. andesite, rhyodacite flows, pyroclastics; greenstone, argillite
- ... Inferred geologic contact
- ~~~~~ ... Inferred fault
- ┌┐ ... Bedding, foliation; strike, dip
- Py ... Pyrite showing
- ▲ ... Ashlu creek gold - tungsten deposit

SCALE 1:125000



TENQUILLE RESOURCES LTD.			
GEE-WHIZ PROPERTY			
REGIONAL GEOLOGY			
WORK BY	DRAWN D. J. B.	DATE NOV. 1985	FIGURE 3
Revised		N.T.S. 92 G/14	

From the data collected we see that As, Cu, Pb and Sb indicated no anomalies. Silver shows two areas with very low order anomalies. Samples 100S 175E to 100S 250E 40m range from 1.2 to 1.9 ppm Ag and show no correlation with neither Zn nor Au anomalies. The second Ag anomaly at L00E 475S 40m to L00E 550S range in values up to 2.2 ppm Ag and correlate with a spot Zn anomaly of 104 ppm.

Other areas with low order zinc anomalies include G000E to G075E ranging from 83 to 114 ppm Zn and G-R.S 00N to G-R.S 75N ranging from 75 to 94 ppm Zn.

Three gold anomalies occur in this portion of the property. Two very low order anomalies L00E 050S and L200S 275E 40m returned 25 and 30 ppb Au respectively. The third anomaly was the most encouraging sample G150E ran 270 ppb Au with no coincident pathfinder anomalies, and requires further investigation.

SUMMARY & RECOMMENDATIONS

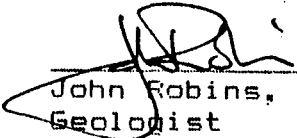
The Gee-Whiz claims, situated within the cretaceous coast crystalline complex of southwestern British Columbia, is now being operated by Tenquille Resources Ltd. The eighteen block group of claims does hold some potential for gold-bearing mineralization.

Although initial results indicated low order Au anomalies only a small portion of the claims were tested and one spot anomaly of 270 ppb Au was encouraging. This sample should be followed up with hand trenching and additional soil sampling and a more extensive soil program should be carried out.

STATEMENT OF QUALIFICATIONS

I, John Robins, of Chase, British Columbia do hereby certify:

- That I am a graduate of the University of British Columbia (1984) and hold a B.Sc. in Geological Sciences.
- That I have worked in mineral exploration for the past seven years.
- That I am a member of the American Insititue of Mining Engineers and an associate Member of the Geological Association of Canada.
- That the information for this report was obtained through a literature review and by field work conducted by the author during August of 1987.


John Robins, B.Sc.
Geologist

September, 1987.

REFERENCES

Bullis, A.R. 1980, Osprey Mining & Exploration Ltd. Squamish, British Columbia.

Cooke, Robins, Barratt

1987, Evaluation Report of Underground work in Ashlu Mine near Squamish, British Columbia.

Chapman, D.A. 1985, Hawk 1 & 2 Claims, Ashlu Creek, News Releases, Assays.

APPENDIX I

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

FIRE GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

Geochemical samples for Fire Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95^oC soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 15.00 or 30.00 grams are fire assay preconcentrated.

After pretreatments the samples are digested with Aqua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 1 ppb.

APPENDIX II

187A9

705 WE

5TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-11455/P3+4

BRAD COOKE

(604)980-5814 OR (604)988-4524

* TYPE GEOCHEM * DATE: SEPT 4, 1987

VALUES IN PPM ()	AG	AS	CU	PB	SB	ZN	AU-PPB
LOWER RD. B. 375	1.1	1	11	8	3	45	5
LOWER RD. B. 400	.7	6	17	11	3	66	5
200 CON B. 25W	1.7	10	6	9	3	21	10
200 CON B. 50W20M	.4	17	6	17	3	16	5
200 CON B. 75W40M	.9	2	6	10	3	20	10
200 CON B. 100W	1.3	1	10	13	2	56	5
200 CON B. 125W	.8	8	3	3	2	14	5
200CON B. 150W40M	.8	3	3	10	3	12	5
200CON B. 175W40M	.5	13	6	24	2	30	15
200 CON B. 200W	.9	35	10	26	23	21	5
200 CON B. 225W	.7	1	3	13	4	11	10
200CON B. 250W20M	.3	12	6	26	3	16	5
200CON B. 275W20M	.8	15	9	15	4	30	5
200CON B. 300W20M	.4	14	8	20	3	35	5
200CON B. 325W20M	.8	17	7	23	4	30	10
200CON B. 350W40M	.7	21	5	10	6	23	15
200 CON B. 375W	1.0	9	5	11	6	24	5
200CON B. 400W20M	.5	17	5	22	3	25	5
200 CON B. 425W	.8	1	8	13	4	17	5
200 CON B. 450W	1.2	5	6	14	6	27	10
200 CON B. 475W	1.6	4	14	13	4	30	5
200 CON B. 500W	1.1	11	24	12	4	49	5
LOOE 000S	1.1	17	40	19	7	84	5
LOOE 025S	.3	5	7	14	3	30	5
LOOE 050S	.3	1	4	5	4	7	25
LOOE 075S	1.5	20	23	16	4	51	5
LOOE 100S	1.0	9	14	23	5	62	10
LOOE 125S	1.0	10	9	10	4	47	5
LOOE 150S	1.0	3	7	16	5	20	5
LOOE 175S	.7	13	2	14	3	5	15
LOOE 200S	.5	3	5	18	3	25	5
LOOE 225S	1.0	7	10	7	3	31	5
LOOE 250S	1.0	3	5	16	3	12	10
LOOE 275S	.7	2	4	14	5	17	5
LOOE 300S	.5	1	4	11	3	13	5
LOOE 325S	.9	13	6	30	4	32	10
LOOE 350S 40M	.8	3	5	16	4	18	5
LOOE 375S	.8	12	4	28	6	19	5
LOOE 400S	1.3	1	6	38	5	32	15
LOOE 425S	1.1	5	6	34	4	27	5
LOOE 450S	1.4	8	4	22	4	31	5
LOOE 475S 40M	2.2	15	15	69	7	66	5
LOOE 500S	1.7	23	19	5	8	67	10
LOOE 525S	.6	2	7	13	3	19	5
LOOE 550S	1.8	24	18	36	7	104	5
200S 100E	1.8	7	12	17	6	43	5
200S 125E	1.4	3	11	16	6	32	5
200S 150E	1.4	3	19	11	6	59	10
200S 175E	1.7	1	13	20	5	32	5
200S 200E	.8	10	17	10	4	32	5
200S 225E 40M	1.1	18	22	5	6	25	5
200S 250E 40M	.4	13	7	16	2	14	5
200S 275E 40M	.4	15	5	8	3	28	30
200S 300E 20M	.5	19	10	59	5	33	5
125 'E' 125W	1.5	7	14	13	3	34	5
125 'E' 150W	1.4	21	41	6	6	60	5
125 'E' 175W	.7	2	12	14	3	20	10
125 'E' 200W	1.2	2	18	16	5	49	5
100 'E' 125W	.5	7	18	14	3	50	5
100 'E' 150W	.9	17	12	14	3	68	5

B.

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G-W

TOTAL OF

80 SOILS ON

GEE-WHIZ CLAIMS

7AS

705 WE

5TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-11455/P3+6

BRAD COOKE

(604) 980-5814 OR (604) 988-4524

* TYPE

GEOCHEM

DATE: SEPT 4, 1987

VALUES IN PPM	AG	AS	CU	PB	SB	ZN	AU-PPB
100 'E' 175W	.9	19	23	29	2	88	5
100 'E' 200W	.7	5	12	7	1	49	10
100 'E' 225W	1.4	11	65	14	5	44	10
100 'E' 250W	1.0	2	15	10	4	54	15
G. 000E	1.5	5	53	26	10	114	5
G. 025E	1.5	20	42	19	7	88	5
G. 050E	1.3	9	38	14	9	83	5
G. 075E	1.1	6	45	15	8	93	5
G. 100E	.8	18	61	17	13	39	10
G. 125E	1.0	28	27	7	11	52	5
G. 150E	1.2	28	33	6	9	49	270
G. 175E	1.5	29	24	12	9	58	10
100S 050E 40M	.4	12	14	7	2	49	5
100S 075E 40M	.3	17	9	13	4	41	5
100S 100E	1.5	3	25	18	7	61	10
100S 125E	1.2	16	26	8	7	51	5
100S 150E	.6	10	16	16	3	33	5
100S 175E	1.7	1	16	10	6	37	5
100S 200E	1.2	26	27	13	9	45	10
100S 225E	1.9	17	38	19	9	46	5
100S 250E 40M	1.6	17	25	12	7	56	5
100S 275E	1.0	9	26	12	7	42	5
100S 300E	.6	9	9	15	3	24	5
100S 325E	1.0	28	48	9	12	25	10
100S 350E	.8	2	24	8	5	21	5
100S 375E 40M	.8	11	6	10	3	25	5
100S 400E	1.3	3	8	11	5	35	5
G.-R.S. 00N	1.0	25	38	8	5	88	10
G.-R.S. 25N	.5	13	32	21	5	75	5
G.-R.S. 50N 20M	1.4	17	36	21	7	94	5
G.-R.S. 75N	.8	15	16	9	5	85	5
G.-R.S. 100N	1.0	14	13	18	5	48	15
G.-R.S. 125N 20M	1.0	16	23	11	8	63	5
150S 100E	1.8	1	36	6	13	54	20
150S 125E	1.3	17	31	6	9	13	5
150S 150E	.7	14	23	7	7	11	5
150S 175E 40M	.1	4	10	13	3	23	10
150S 200E	.8	2	7	8	4	64	5
150S 225E 40M	.1	6	7	14	3	22	5
150S 250E	.7	11	14	12	3	75	5
150S 275E	.7	7	7	10	3	33	5
150S 300E	1.1	11	31	7	7	95	5
R.1 4225E	1.0	11	15	9	9	81	25
R.1 4250E	1.7	4	10	23	11	85	5
R.1 4275E 40M	1.8	9	8	42	6	42	10
R.1 4300E	2.0	15	14	53	8	59	5
R.1 4325E	1.4	19	14	12	7	64	5
R.1 4350E	1.8	20	12	8	6	51	5
R.1 4375E	.9	8	16	14	8	54	15
R.1 4400E	1.4	11	10	10	8	25	5
R.1 4425E	.8	8	12	7	7	35	30
R.1 4450E	.6	2	10	13	5	31	5
R.1 4475E	.7	34	16	14	12	32	5
R.1 4500E	1.1	8	11	6	13	49	5
R.1 4525E	1.4	4	12	19	7	43	5
R.1 4550E	1.3	8	17	5	8	64	5
R.1 4575E	1.1	23	14	7	9	59	10
R.1 4600E	1.0	12	18	17	12	52	5
R.1 4625E	.9	7	19	18	10	42	5
R.1 4650E	1.1	11	10	10	15	54	5

TOTAL OF

80 SOILS DN

GEE-WHIZ CLAIMS.

G-W

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G-W

G-W

G-W

APPENDIX III

STATEMENT OF COSTS

Draughting & Report (3 1/4 Days x \$200.00)	\$ 650.00
Soil Sampling (2 Man Days X \$100.00)	200.00
Prospecting (2 Man Days x \$100.00)	200.00
Truck Rental (2 Days @ \$45.00)	90.00
Fuel (2 Days @ \$10.00)	20.00
Accomodation (4 Days @ \$50.00)	200.00
Assaying (80 Samples @ \$10.00)	<u>800.00</u>
	<u>\$2,160.00</u>

