

MineQuest Report #89  
 Ref. No. RM1502

**FEHR CLAIMS**

**GEOLOGY AND GEOCHEMISTRY**

Kamloops Mining Division

N.T.S. 92 I/10

Latitude 50°42'N  
 Longitude 120°00'W

By

A.W. Gourlay

of

MineQuest Exploration Associates Ltd.

<u>CLAIM NAME</u>	<u>RECORD NUMBER</u>	<u>UNITS</u>	<u>DATE RECORDED</u>
Fehr I	4101	16	July 06, 1982
Fehr II	4102	16	July 06, 1982
Fehr IV	4394	18	March 31, 1983
Fehr V	4395	16	March 31, 1983
Thom I	4748	16	Sept. 15, 1983
Thom II	6002	08	Dec. 07, 1984
Thom III	6003	12	Dec. 07, 1984
Jim 1	5898	15	Sept. 18, 1984
Jim 2	5899	09	Sept. 18, 1984

**GEOLOGICAL BRANCH  
 ASSESSMENT REPORT**

March, 1985

13,740

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1.0

INTRODUCTION

The Fehr claims were staked in 1982 and 1983 on the basis of geochemical indications of gold associated with anomalous quantities of arsenic and antimony in heavy mineral concentrates collected from stream sediments. Follow-up work in 1983 produced some geochemically anomalous gold values with weakly anomalous lead, arsenic, and antimony in soil and silt samples.

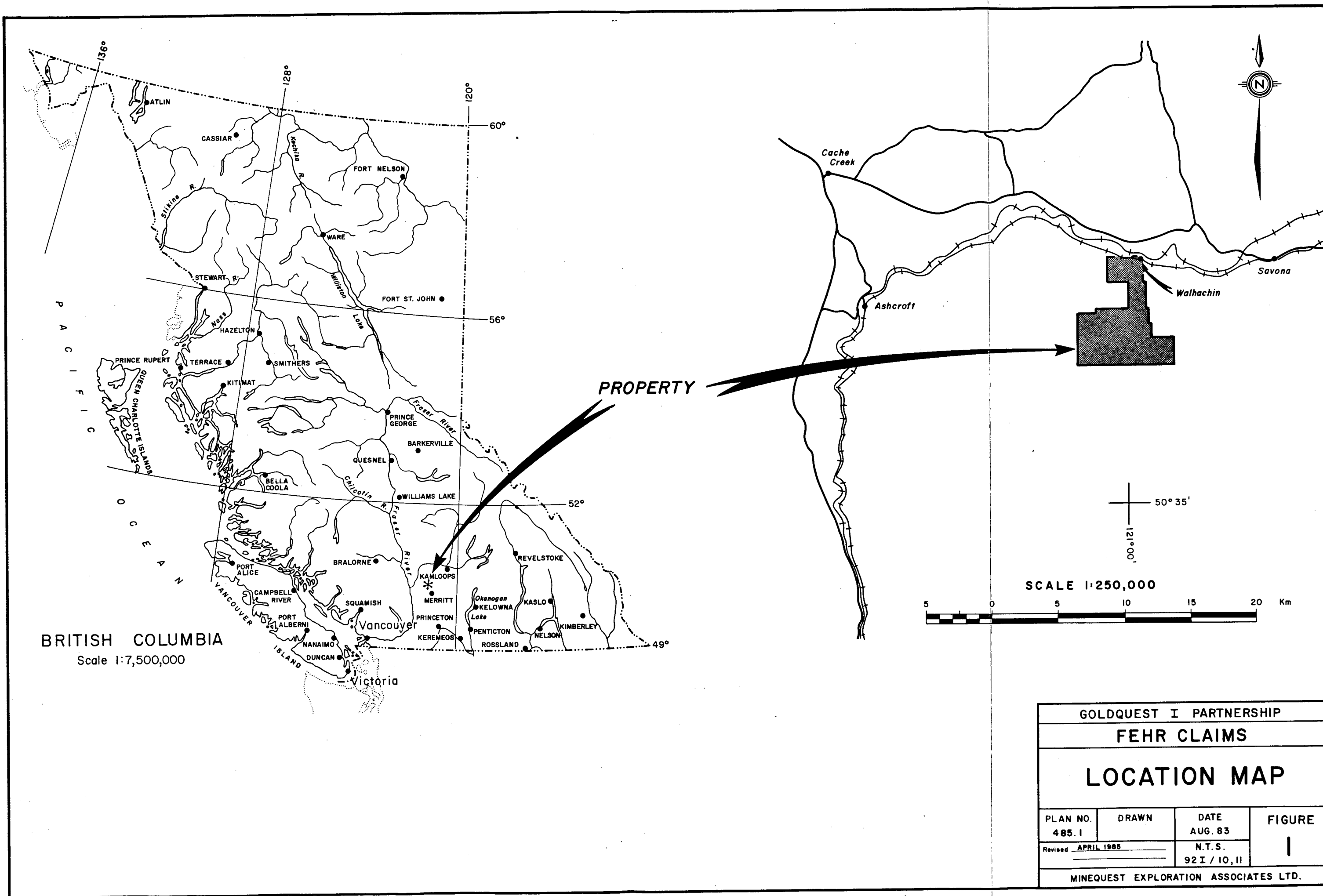
This report describes the 1984 program of geological mapping, rock chip sampling, contour soil sampling and prospecting.

2.0

LOCATION, ACCESS AND TOPOGRAPHY

The property is located in south central British Columbia, south of the Thompson River, 11km south-west of Savona and 7km south of Walhachin. Access is by logging road from Savona.

The claims are situated on the north flank of Mount Fehr. Relief is 650m with higher elevations at 1525m. Much of the area has recently been logged; elsewhere it is covered by a moderate to light growth of timber with scattered clearings used by cattle for grazing.



BRITISH COLUMBIA  
Scale 1:7,500,000

SCALE 1:250,000

GOLDQUEST I PARTNERSHIP			
FEHR CLAIMS			
LOCATION MAP			
PLAN NO. 485.1	DRAWN	DATE AUG. 83	FIGURE 1
Revised APRIL 1985		N.T.S. 92 I / 10, 11	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

## 3.0

OWNERSHIP AND CLAIM STATUS

The claims listed below are held by MineQuest Exploration Associates Limited on behalf of GoldQuest I, a General Limited Partnership.

**TABLE I**  
**CLAIM STATUS**

<u>Claim Name</u>	<u>Record Number</u>	<u>No. of Units</u>	<u>Due date before submission of this report</u>
Fehr I	4101	16	July 06, 1985
Fehr II	4102	16	July 06, 1985
Fehr IV	4394	18	March 31, 1985
Fehr V	4395	16	March 31, 1985
Thom I	4748	16	Sept. 15, 1987
Thom II	6002	08	Dec. 7, 1985
Thom III	6003	12	Dec. 7, 1985
Jim 1	5898	15	Sept. 18, 1985
Jim 2	5899	09	Sept. 18, 1985

4.0

HISTORY AND PREVIOUS WORK

No work has been recorded by the B.C. Ministry of Energy, Mines, and Petroleum Resources on the Fehr claims. The Thom I claim has been explored and tested by various companies since 1970. Thom I claim is the subject of a separate report by Hodgson (1984), which contains a thorough review of work performed on that property.

In 1983 MineQuest Exploration Associates Ltd. performed silt sampling (159 samples analysed for lead, silver, arsenic, and gold), contour soil sampling (127 samples analysed for lead, silver, arsenic, antimony, gold, and barium) and prospecting.

5.0

WORK CARRIED OUT IN 1984

The Fehr claims were mapped and prospected in June 1984. Two contour soil lines were sampled near the headwaters of Jimmies Creek in July. In November and December further prospecting, rock chip sampling, and bank soil sampling along Rattlesnake Creek were carried out.

5.1 Geological Mapping

Geological mapping was carried out by D. Brown and E. Grill, who produced a map at 1:20,000 scale (see Figure 2).

5.2 Soil Sampling

Contour soil sampling was undertaken by P. McCarthy and B. Griffiths and 180 soil samples were collected on the Jim 1 and Fehr V claims.

A. Gourlay and A. Zuk collected 219 bank soil samples along both banks of Rattlesnake Creek. A section of 160 samples from the east bank of the creek were selected for analysis.

All soil samples were collected from the B horizon at 10 metre intervals on each line. Along the lines each batch of 10 samples were composited with a five sample overlap on adjacent intervals. Composite samples were made from the dried, -80 mesh fraction of 10 samples. Fifty-two composite soil samples were analyzed for lead, silver, antimony, arsenic, gold, and in most cases mercury (see Figure 3).

5.3 Rock Chip Sampling

Prospecting was done by L. Allen, R. Bilquist, A. Gourlay and A. Zuk. A total of 29 rock chip samples were collected and analysed for gold, arsenic, and mercury (see Figure 4).

The program was under the supervision of R.V. Longe.



5.4 Laboratory Methods

All samples were sent to Bondar-Clegg & Co. Ltd., North Vancouver.

The soil samples were analysed as follows:

Lead: Aqua regia digestion, atomic absorption determination

Silver: Aqua regia digestion, atomic absorption determination

Antimony: Hydrochloric acid-organic extraction, atomic absorption determination

Arsenic: Perchloric-nitric acid digestion, colourimetric determination

Gold: Twenty grams of the composite samples were used to produce a dore bead through fire assay, aqua regia decomposes the dore bead and the analysis is finished with atomic absorption determination

Mercury: Hydrochloric acid and nitric acid digestion, closed cell flameless absorption determination

Rock samples were processed as follows: The sample was put through a primary jaw crusher followed by a secondary cone crusher, which reduced the sample to 80% -10 mesh. A representative split of approximately 250 grains was obtained by passing the entire crushed sample through a Jones Riffle splitter. This split was then pulverized for 2.5 minutes in a ring and puck grinder that reduced particle size to 99% -100 mesh.

The samples were analysed as follows:

- Gold: Two thirds of an assay ton by fire assay and atomic absorption
- Arsenic: Nitric perchloric digestion with colourimetric determination
- Silver: Extraction by Lefort aqua regia followed by atomic absorption determination
- Mercury: Lefort Aqua Regia digestion and determination by closed cell flameless atomic absorption

6.0

GEOLOGY

6.1 Regional Geology

The Ashcroft map-area has recently been mapped by Monger and MacMillan (1983).

The claims and surrounding area are underlain by Triassic Nicola Group volcanic and sedimentary rocks that have been intruded by a Triassic or Jurassic diorite or granodiorite. These Triassic or Jurassic rocks are overlain unconformably by Jurassic Ashcroft Formation sedimentary rocks.

Tertiary Kamloops Group volcanic and volcanoclastic rocks unconformably overlie all the older rocks.

6.2 Property Geology

TRIASSIC: Nicola Group

Rocks of the Nicola Group are volcanics, volcanoclastics and chemical sediments, now altered and weathered and given the general term "greenstones". Metamorphosed rocks of andesitic and basaltic composition predominate. The andesite typically has a fine-grained groundmass with feldspar and augite phenocrysts. The basalt is usually fine-grained and structureless. Both rock types have undergone propylitic alteration. Well-bedded cherty tuff units are common, interbedded with andesitic lapilli tuffs. Pods of recrystallized limestone or "marble" are weakly foliated and generally fine to medium grained. These carbonate pods are exposed in the northeast in the CPR ballast quarry, where the contacts are sheared and the pods appear to be steeply transgressive across layering. Calc-silicate skarn is produced at the contact of carbonate with diorite.

TRIASSIC AND (?) JURASSIC: Hornblende Diorite  
- Granodiorite

This multiphase intrusive body is found on the west side of the THOM I claims. The predominant lithology is a massive, medium-grained, hornblende diorite. The hornblende is weakly altered to chlorite  $\pm$  epidote. Pink potassic alteration has affected the feldspars. Magnetite stringers are locally exposed. In Rattlesnake Creek, a hornblende-feldspar monzonite porphyry is exposed. Lower down, just west of Rattlesnake Creek, a metre wide pink, felsite breccia dyke cuts Nicola greenstones.

JURASSIC: Ashcroft Formation

Covering much of the property is the Jurassic Ashcroft Formation, a pebble to boulder conglomerate, unconformably overlying Nicola rocks and the hornblende diorite - granodiorite. Clasts include hornblende diorite, monzonite, granodiorite and an assortment of volcanic rocks as well as chert, limestone and siltstone. The clasts are subrounded and poorly sorted. The matrix appears to be similar to interbedded gently dipping greywackes. There is a variable clast/matrix ratio; locally the conglomerate is clast supported, but elsewhere it is matrix dominant.

Minor constituents of the Ashcroft Formation are thin beds of argillite and pale grey-green siltstone. These fine-grained sediments are warped into broad open folds and are often strongly sheared and fractured.

TERTIARY: Rattlesnake Creek Rhyolite

A Tertiary (?), possibly Eocene, intrusive plug is exposed along Rattlesnake Creek. Two lithologies have been recognized, namely a porphyritic quartz

rhyolite, and a "rhyolite-trachyte". The former weathers a pale grey colour, with colourless quartz phenocrysts up to 3mm long. The groundmass contain finely disseminated pyrite. The second, given the field name rhyolite - trachyte is brown weathering, and non-porphyrific. Although some contacts are locally sheared, field relationships show intrusive contacts with both the Nicola Group and the hornblende diorite - granodiorite.

**TERTIARY: Kamloops Group**

Kamloops Group rocks are found along the southern boundary of the claims, predominantly as vesicular basalt and andesite flows. These flows are purplish-grey to brown weathering and are columnar jointed. The sequence includes interflow sediments and breccias or lahars. The Kamloops Group flows have been intruded by a dioritic plug with aligned feldspar laths.

**6.3 Structure**

The Deadman River (north and east of the claims) is believed to occupy an extension of the Pinchi Fault which continues southwards through Tunkwa Lake and south down Guichon Creek. A northwest-trending splay off this major transcurrent fault is passes through Walhachin, just north of the claims. Within the claims a number of other fractures, notably that along Rattlesnake Creek, parallel the Deadman River Fault Zone. These fractures or faults are assumed to be late because they appear to affect the Tertiary Kamloops Group to the south.

7.0

RESULTS

7.1 Rock Chip Sampling

Outcrop is very limited on the south portion of the property; only two samples were collected on the Fehr claims and both values returned were low. Samples collected on the east half of Thom I claim were in weakly altered Nicola Group volcanoclastic rocks, and again values found are at background levels. Outcrop is scarce east of Rattlesnake Creek and very few outcrops of hornblende diorite were found.

7.2 Soil Sampling

Two contour soil lines to the immediate west of Jimmies Creek returned one geochemically significant gold value of 135ppb on the northern soil line. This is coincident with a weak mercury enhancement of 55 and 70ppb. On the southern contour soil line both antimony and mercury returned weak geochemical anomalies in two adjacent sample intervals.

7.3 Bank Soil Sampling

Bank soil sampling of the east bank of Rattlesnake Creek identified a single highly anomalous interval adjacent to the Tertiary rhyolite plug, and a distinct zone of geochemically anomalous gold, arsenic, and lead with weak but enhanced antimony and silver values. This broad geochemical anomaly surrounds and enlarges the showing of geochemically significant gold in rocks discussed by Hodgson (1984).

8.0

DISCUSSION

For a detailed discussion of the mineralization found in hornblende diorite rocks along Rattlesnake Creek, the reader is referred to Hodgson (1984).

The Rattlesnake Creek fault zone is seen as having controlled the emplacement of not only the Rattlesnake Creek rhyolite, but also on auriferous hydrothermal system to which the rhyolite is probably related. The hydrothermal system appears to have contained a suite of metals typical of such systems. The Ashcroft Formation of Jurassic age is presumed to pre-date both the rhyolite and the hydrothermal system. Its poorly lithified matrix suggests it could be a good host but there is no indication of significant alteration peripheral to the granodiorite. However, the contour soil lines have provided some evidence of a hydrothermal event effecting the Ashcroft Formation, and their position along the southern extension of the Rattlesnake Creek fracture indicates that the Jurassic sedimentary rocks may be prospective for epithermal gold deposits.

9.0

CONCLUSIONS

1. The Fehr and Thom claims cover a sequence of Triassic, Jurassic and Tertiary rocks that are indicated as prospective for epithermal gold deposits by geochemical anomalies of gold, arsenic, antimony, silver, and mercury.
2. The basement is composed of sedimentary and volcanic rocks of the Triassic Nicola Group that have been intruded by a hornblende diorite. Resting unconformably on the Triassic rocks is Jurassic Ashcroft Formation conglomerate. Post-Jurassic faulting has controlled the emplacement of a Tertiary (?) rhyolite plug in Rattlesnake Creek. Tertiary Kamloops Group volcanic rocks now unconformably overlie the older units.
3. Geochemically anomalous gold and arsenic are found in altered diorite peripheral to the rhyolite plug in Rattlesnake Creek. Geochemically enhanced values of gold, arsenic, and mercury in soils are found along Rattlesnake Creek fault and along the southern extension of this fault zone, in an area underlain by Ashcroft Formation conglomerate.



10.0

REFERENCES

Hodgson, G.D., 1984

Thom Claims - Geology

MineQuest Exploration Associates Ltd., Report  
Number 77 (submitted as Assessment Report)

Longe, R.V., 1983

Fehr Claims - Geochemistry

MineQuest Exploration Associates Ltd., Report  
Number 33 (submitted as Assessment Report)

Monger, J.W.H., and McMillan, W.J., 1983

Bedrock Geology of Ashcroft (92I) Map Area  
GSC Open File 980

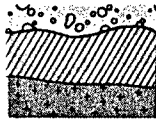
Ridley, S.L., and Moraal, D., 1984

Fehr Claims - Prospecting

MineQuest Exploration Associates Ltd., Report  
Number 59 (submitted as Assessment Report)

**APPENDIX Ia**  
Soil Sample Results

Bondar-Clegg & Company Ltd.  
130 Pemberton Ave.  
North Vancouver, B.C.  
Canada V7P 2R5  
Phone: (604) 983-0681  
Telex: 04-352667



**BONDAR-CLEGG**

Geochemical  
Lab Report

Copy 2

REPORT: 124-1878

AUG 01 1984

FROM: MINEQUEST EXPLORATION ASSOCIATES LTD.

SUBMITTED BY: S GRAHAM

DATE: 01-AUG-84 PROJECT: NONE GIVEN **FHR**

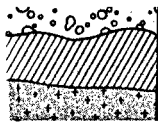
ORDER	ELEMENT	LOWER DETECTION LIMIT	EXTRACTION	METHOD	SIZE FRACTION	SAMPLE TYPE	SAMPLE PREPARATIONS
01	Pb	2 PPM	HNO3-HCL HOT EXTR	Atomic Absorption	-80	SOILS	DRY, SEIVE -80
02	Ag	.2 PPM	HNO3-HCL HOT EXTR	Atomic Absorption	-80		COMPOSITE CHARGE
03	As	2 PPM	NITRIC PERCHLOR DIG	Colourimetric	-80		PULVERIZING
04	Sb	.2 PPM	HCl-TOPO-MIBK	Atomic Absorption	-80		
05	Au	5 PPB	AQUA REGIA	Fire Assay AA	-80		

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INVOICE TO: MR. R. V. LONGE

MINEQUEST EXPLORATIONS

REMARKS: BATCH 1217



REPORT: 124-1878

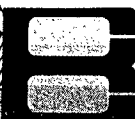
PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Ag PPM	As PPM	Sb PPM	Au PPD	NOTES
S GQC-5342		4	<0.2	6	0.6	<5	
S GQC-5343		5	<0.2	6	0.7	<5	
S GQC-5344		5	<0.2	7	0.7	<5	
S GQC-5345		4	<0.2	6	0.7	<5	
S GQC-5346		5	<0.2	6	0.5	<5	
S GQC-5347		4	<0.2	6	0.4	<5	
S GQC-5348		4	<0.2	6	0.2	<5	
S GQC-5349		4	<0.2	6	0.3	<5	
S GQC-5350		4	<0.2	6	0.5	<5	
S GQC-5351		5	<0.2	6	0.6	<5	
S GQC-5352		6	<0.2	7	0.8	<5	
S GQC-5353		5	<0.2	7	0.8	<5	
S GQC-5354		5	<0.2	10	1.0	<5	
S GQC-5355		5	<0.2	7	1.3	<5	
S GQC-5356		6	<0.2	7	1.2	<5	
S GQC-5357		6	<0.2	5	0.7	<5	
S GQC-5358		5	<0.2	5	0.5	<5	
S GQC-5359		5	<0.2	5	0.5	<5	
S GQC-5360		4	<0.2	7	0.9	<5	
S GQC-5361		4	<0.2	6	0.7	135	
S GQC-5362		5	<0.2	6	0.5	<5	
S GQC-5363		6	<0.2	6	0.3	<5	
S GQC-5364		5	<0.2	7	0.4	<5	
S GQC-5365		5	<0.2	7	0.5	<5	
S GQC-5366		4	<0.2	6	0.3	<5	
S GQC-5367		5	<0.2	6	0.5	<5	
S GQC-5368		6	<0.2	6	0.4	<5	
S GQC-5369		5	<0.2	6	0.5	<5	
S GQC-5370		6	<0.2	6	0.6	<5	
S GQC-5371		5	<0.2	7	0.6	15	
S GQC-5372		7	<0.2	7	0.7	<5	
S GQC-5373		6	<0.2	7	0.7	<5	
S GQC-5374		7	<0.2	14	0.7	<5	
S GQC-5375		6	<0.2	7	0.6	<5	
S GQC-5376		6	0.3	7	0.5	<5	
S GQC-5377		6	<0.2	7	0.5	<5	

copy 2

Bondar-Clegg & Company Ltd.  
130 Pemberton Ave.  
North Vancouver, B.C.  
Canada V7P 2R5  
Phone: (604) 985-0681  
Telex: 04-352667



**BONDAR-CLEGG**

**Geochemical  
Lab Report**

REPORT: 224-1878

FROM: MINEQUEST EXPLORATION ASSOCIATES LTD.  
DATE: 13-AUG-84 PROJECT: NONE GIVEN

SUBMITTED BY: R. LONGE

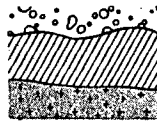
ORDER	ELEMENT	LOWER DETECTION LIMIT	EXTRACTION	METHOD	SIZE FRACTION	SAMPLE TYPE	SAMPLE PREPARATIONS
01	Hg	5 PPB	HNO3-HCL HOT EXTR	Cold Vapour AA	-80	SOILS	AS RECEIVED, NO SF

REPORT COPIES TO: MR. R. V. LONGE  
MINEQUEST EXPLORATIONS

INVOICE TO: MR. R. V. LONGE

**BONDAR-CLEGG**  
AUG 14 1984

REMARKS: BATCH #217



REPORT: 224-187B

PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Hg PPB	NOTES
S GQC 5347		25	
S GQC 5348		25	
S GQC 5349		25	
S GQC 5350		25	
S GQC 5351		35	
S GQC 5352		25	
S GQC 5353		35	
S GQC 5354		40	
S GQC 5355		60	
S GQC 5356		60	
S GQC 5357		40	
S GQC 5358		40	
S GQC 5359		65	
S GQC 5360		70	
S GQC 5361		55	
S GQC 5362		40	
S GQC 5363		45	
S GQC 5364		45	
S GQC 5365		45	
S GQC 5366		30	

**APPENDIX II**  
Cost Statements

COST STATEMENT

THOM CLAIM

NOVEMBER 21, 1984 TO NOVEMBER 30, 1984

Fees and Wages

A.W. Gourlay 2.71 days at \$385.00 \$ 1,043.35

Casual Staff

A.R. Zuk 2.00 days at \$120.00 240.00

Disbursements

Food, Accommodation 134.66

\$ 1,418.01



**COST STATEMENT**

**THOM CLAIM**

**DECEMBER 1, 1984 TO FEBRUARY 28, 1985**

Fees and Wages

R.V. Longe	1.17 days at \$485.00	\$ 567.45	
K.V. Campbell	.54 days at \$485.00	261.90	
A.W. Gourlay	5.08 days at \$385.00	1,955.80	
A. Davidson	2.54 days at \$120.00	<u>304.80</u>	\$3,089.95

Casual Staff

Allan Zuk	2.00 days at \$ 85.00	170.00	
	Plus 50% over-ride	<u>85.00</u>	255.00

Disbursements

Rental Vehicle, Casual	92.50	
Fuels & Lubricants, Vehicle	37.36	
Freight	19.85	
Food, Accommodation	79.65	
Geochemical Analyses	988.49	
Other	41.00	
Telephone	39.70	
Courier	44.95	
Drafting	230.00	
Reprographics	57.90	
Xerox - In House	38.80	
Drafting Supplies	115.92	
M.Q. Word Processing	172.48	
Disbursement over-ride	<u>174.73</u>	2,133.33

TOTAL		<u><u>\$5,478.28</u></u>
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**COST STATEMENT**

**FEHR CLAIMS**

**APRIL 1 TO DECEMBER 31, 1984**

Fees and Wages

G.D. Hodgson	4.27 days at \$485.00	\$2,070.95	
A.W. Gourlay	.50 days at \$285.00	142.50	
A. Davidson	.47 days at \$120.00	56.40	
L. Allen	1.00 days at \$185.00	185.00	
R. Bilquist	1.00 days at \$185.00	185.00	
D. Brown	2.00 days at \$285.00	570.00	
B. Griffiths	2.00 days at \$120.00	240.00	
E. Grill	1.00 days at \$120.00	120.00	
P. McCarthy	2.00 days at \$185.00	370.00	\$3,939.85

Casual Staff

17.86

Disbursements

Rental Vehicle	151.15	
M.Q. Rental Vehicles	60.50	
Fuels & Lubricants, Vehicles	41.10	
Freight	53.30	
M.Q. Equipment Charges, Field	72.00	
M.Q. Equipment Charges, Camp	20.00	
Groceries, Kitchen Supplies	10.56	
Food & Accommodation	316.70	
Geochemical Analyses	921.25	
Telephone	16.06	
Courier, Air Express	30.89	
Reprographics	44.20	
Xerox - In House	27.35	
Maps, Reports, Publications	56.95	
Report Preparation, Outside Services	10.33	
M.Q. Word Processing	92.12	
Disbursement Over-Ride	186.27	2,110.73

**TOTAL** \$6,068.44

**APPENDIX III**  
**Statement of Qualifications**

STATEMENT OF QUALIFICATIONS

I, Andrew W. Gourlay, hereby certify that:

1. I am presently employed by MineQuest Exploration Associates Ltd. as Senior Geologist.
2. I am a graduate of the University of British Columbia (B.Sc. Hons., 1977, in geology).
3. I am a Professional Geologist in good standing with the Association of Professional Engineers, Geologists and Geophysicists of Alberta, and an Associate of the Geological Association of Canada.
4. I have practised my profession as geologist for 8 years.
5. The information used in this report is based on three days visit to the claims and notes and discussions with Derek Brown who mapped the property.

Signed



Andrew W. Gourlay

Dated at Vancouver, B.C.  
this 15th day of June, 1985

**APPENDIX IV**

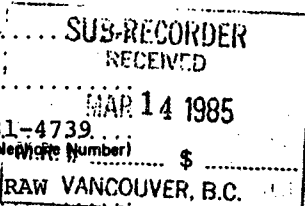
**Statement of Exploration and Development**



MINERAL ACT

STATEMENT OF EXPLORATION AND DEVELOPMENT

Andrew W. Gourlay (Name), Agent for MineQuest Exploration Assoc. Ltd.
9188-122B Street (Address), Surrey, B.C.
311 Water Street (Address), Vancouver, B.C.
V3V 7M1 (Postal Code), 581-4739 (Telephone Number)
V6B 1B8 (Postal Code), 669-2251 (Telephone Number)
GOURAW VANCOUVER, B.C. (Valid subsisting F.M.C. No. 274215)
MINEXA (Valid subsisting F.M.C. No. 274213)



STATE THAT

1. I have done, or caused to be done, work on the THOM GROUP
Thom I, II, III, Jim 1, Fehr I, II, V Claim(s)
Record No.(s) 4748, 6002, 6003, 5898, 4101, 4102, 4395
Situate at Wallachin in the Kamloops Mining Division,
to the value of at least \$10,415.71 dollars. Work was done from the 21st day
of November 19 84 to the 28th day of February 19 85

2. The following work was done in the 12 months in which such work is required to be done:

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, FOLLOWING)

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)

(Give details as required by section 13 of regulations.)

Table with 2 columns: Description and COST. Multiple rows for detailing physical work.

I wish to apply \$ of physical work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

B. PROSPECTING (Details in report submitted as per section 9 of regulations.) (The itemized cost statement must be part of the report.)

Table with 1 column: COST. Single row for detailing prospecting work.

I wish to apply \$ of this prospecting work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

**C. DRILLING** (Details in report submitted as per section 8 of regulations.)  
(The itemized cost statement must be part of the report.)

**D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL**

(Details in report submitted as per section 5, 6, or 7 of regulations.)  
(The itemized cost statement must be part of the report.)  
(State type of work in space below.)

COST	
	10,415.71
<b>TOTAL OF C AND D</b>	<b>10,415.71</b>

Who was the operator (provided the financing)?

Name **GoldQuest I Limited Partnership**  
Address **311 Water Street**  
**Vancouver, B.C., V6B 1B8**

**Portable Assessment Credits (PAC) Withdrawal Request**

Amount to be withdrawn from owner(s) or operator(s) account(s):

Name of Owner	AMOUNT
1. ....	.....
2. ....	.....
3. ....	.....
4. ....	.....
<b>TOTAL WITHDRAWAL</b>	.....
<b>TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL</b>	.....

(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.)

I wish to apply \$ **8,300** of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

Claim	Record #	Units	Month Due	Work Applied	Years Earned
Thom I	4748	16	September	-	-
Thom II	6002	08	December	800	1
Thom III	6003	12	December	1200	1
Jim I	5898	15	September	1500	1
Fehr I	4101	16	July	1600	1
Fehr II	4102	16	July	1600	1
Fehr V	4395	16	March	1600	1

Value of work to be credited to portable assessment credit (PAC) account(s):

(May only be credited from the approved value of C and (or) D not applied to claims.)

Name	AMOUNT
In owner(s) name: 1. <b>GoldQuest I Limited Partnership</b>	<b>\$ 2,115.71</b>
2. ....	.....
3. ....	.....
In operator(s) name (party providing the financing): 1. ....	.....
2. ....	.....
3. ....	.....

*Andrew W. Burley*  
(Signature of Applicant)





<b>C. DRILLING</b> (Details in report submitted as per section 4 of regulations.) (The itemized cost statement must be part of the report.)	COST
<b>D. GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL</b> (Details in report submitted as per section 5, 6, or 7 of regulations.) (The itemized cost statement must be part of the report.) (State type of work in space below.)	2,700
TOTAL OF C AND D	2,700

Who was the operator (provided the financing)?

Name: GoldQuest I Limited Partnership

Address: 311 Water Street  
Vancouver, B.C. V6B 1B8

Portable Assessment Credits (PAC) Withdrawal Request		AMOUNT
Amount to be withdrawn from owner(s) or operator(s) account(s):		
Name of Owner		
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.)	1. ....	
	2. ....	
	3. ....	
	4. ....	
TOTAL WITHDRAWAL		
TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL		

I wish to apply \$ 2,700 of this work to the claims listed below.

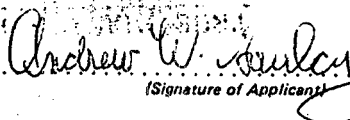
(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

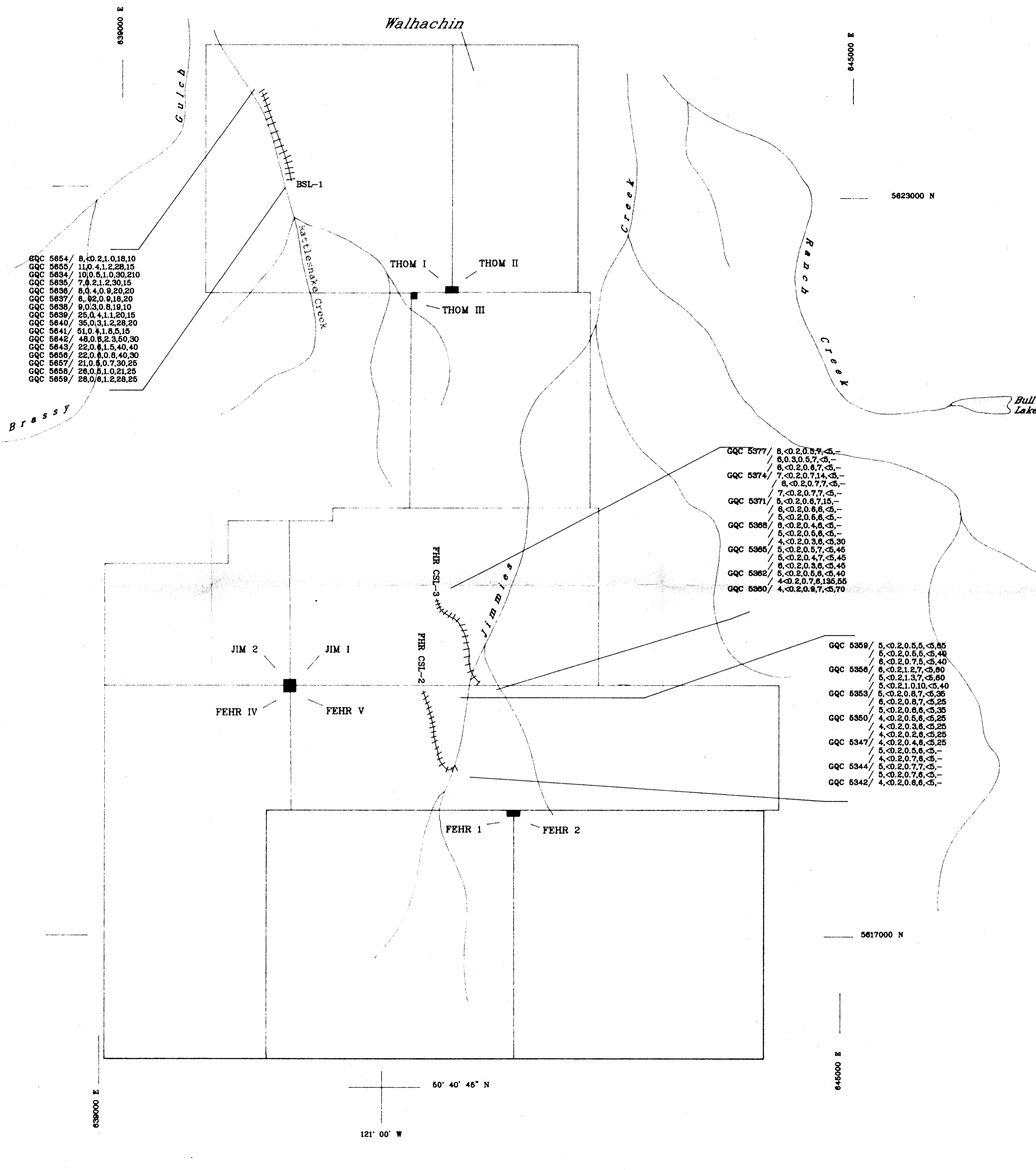
Claim	Record #	Units	Month Due	Work Applied	Years Earned
Jim 2/	5899	09	September	900	1
Fehr IV	4394	18	March	1800	1

Value of work to be credited to portable assessment credit (PAC) account(s).

(May only be credited from the approved value of C and (or) D not applied to claims.)

Name		AMOUNT
In owner(s) name.	1. ....	
	2. ....	
	3. ....	
In operator(s) name (party providing the financing).	1. ....	
	2. ....	
	3. ....	

  
 (Signature of Applicant)



GQC 5654/ 8.40,2.1,0.18,10  
 GQC 5655/ 11.0,4.1,2.28,15  
 GQC 5654/ 10.0,5.1,0.30,21.0  
 GQC 5635/ 7.8,2.1,2.30,15  
 GQC 5636/ 8.0,4.0,9.20,20  
 GQC 5637/ 8.0,2.0,9.18,20  
 GQC 5638/ 9.0,3.0,8.18,10  
 GQC 5639/ 25.0,4.1,1.20,15  
 GQC 5640/ 35.0,3.1,2.28,20  
 GQC 5641/ 51.0,4.1,6.5,15  
 GQC 5642/ 48.0,5.2,3.50,30  
 GQC 5643/ 22.0,6.1,5.40,40  
 GQC 5656/ 22.0,6.0,8.40,30  
 GQC 5657/ 21.0,6.0,7.30,25  
 GQC 5658/ 28.0,6.1,0.21,25  
 GQC 5659/ 28.0,6.1,2.28,25

GQC 5377/ 6.0,0.2,0.5,7.45  
 0.0,3.0,5.7,45  
 6.0,2.0,8.7,45  
 GQC 5374/ 7.0,0.2,0.7,14.45  
 8.0,2.0,7.7,45  
 7.0,2.0,7.7,45  
 GQC 5371/ 5.0,0.2,0.6,7.15  
 6.0,2.0,6.6,45  
 5.0,2.0,6.6,45  
 GQC 5365/ 6.0,0.2,0.4,6.45  
 5.0,2.0,5.6,45  
 4.0,2.0,3.6,30  
 GQC 5366/ 5.0,0.2,0.5,7.45  
 5.0,2.0,4.7,45  
 6.0,2.0,3.6,45  
 GQC 5362/ 5.0,0.2,0.5,6.40  
 4.0,2.0,7.6,135.55  
 GQC 5360/ 4.0,0.2,0.9,7.45,70

GQC 5359/ 5.0,0.2,0.5,5.45  
 6.0,2.0,5.5,40  
 6.0,2.0,7.5,40  
 GQC 5356/ 6.0,0.2,1.2,7.45,80  
 5.0,2.1,3.7,40  
 5.0,2.1,0.10,40  
 GQC 5353/ 6.0,0.2,0.8,7.45,35  
 6.0,2.0,8.7,45,25  
 5.0,2.0,6.6,45,35  
 GQC 5350/ 4.0,2.0,5.6,45,25  
 4.0,2.0,3.6,45,25  
 4.0,2.0,2.6,45,25  
 GQC 5347/ 4.0,2.0,4.6,45,25  
 5.0,2.0,5.6,45  
 4.0,2.0,7.6,45  
 GQC 5344/ 5.0,2.0,7.7,45  
 5.0,2.0,7.6,45  
 GQC 5342/ 4.0,2.0,6.6,45

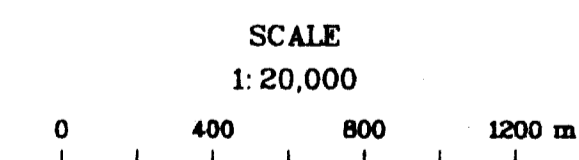


**LEGEND**

NOTE: RESULTS ARE -  
 Pb(ppm), Ag(ppm), Sb(ppm), As(ppm), Au(ppb), Hg(ppb)

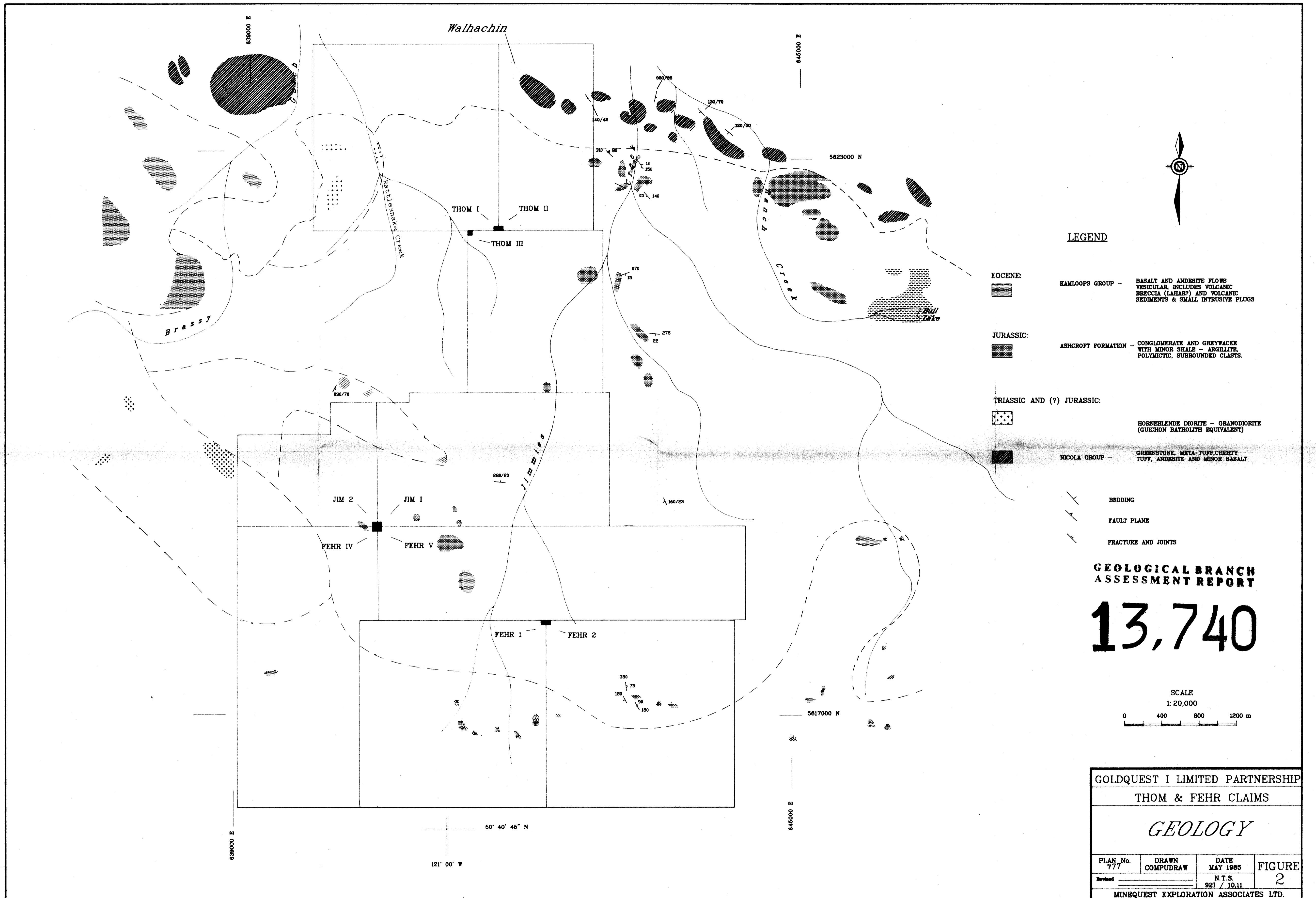
**GEOLOGICAL BRANCH ASSESSMENT REPORT**

**13,740**



GOLDQUEST I LIMITED PARTNERSHIP			
THOM & FEHR CLAIMS			
BANK SOIL LINES & CONTOUR SOIL LINES			
COMPOSITE SOIL SAMPLE LOCATIONS			
AND RESULTS			
PLAN No. 778	DRAWN COMPUDRAW	DATE MAY 1985	FIGURE 3
Revised		N.T.S. 921 / 10.11	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

50° 40' 45" N  
 121° 00' W

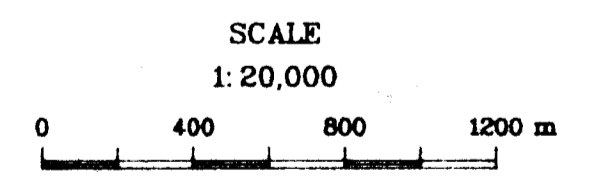


**LEGEND**

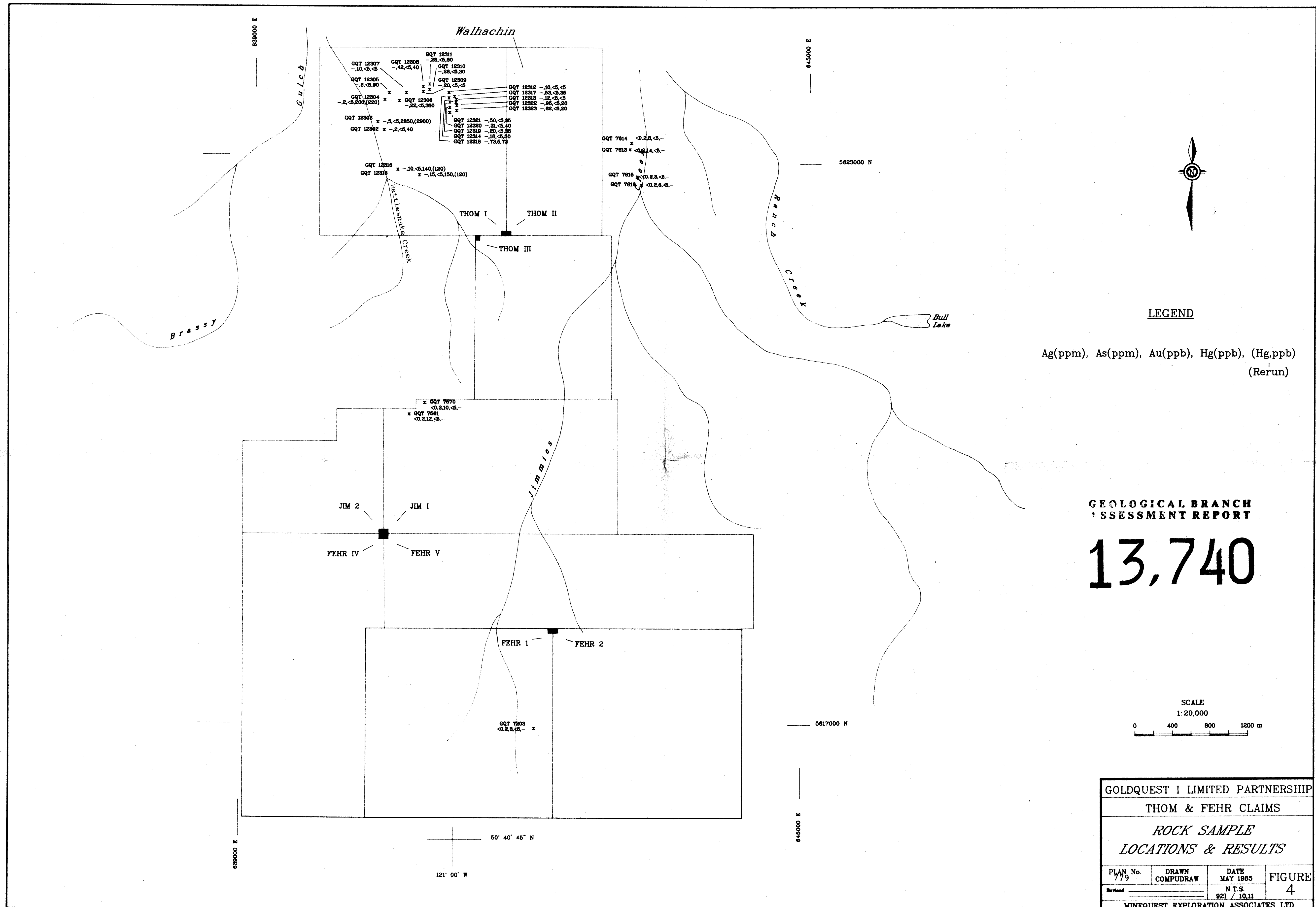
- Eocene:**
  - KAMLOOPS GROUP -** BASALT AND ANDESITE FLOWS VESICULAR, INCLUDES VOLCANIC BRECCIA (LAHART) AND VOLCANIC SEDIMENTS & SMALL INTRUSIVE PLUGS
- Jurassic:**
  - ASHCROFT FORMATION -** CONGLOMERATE AND GREYWACKE WITH MINOR SHALE - ARGILLITE, POLYMETIC, SUBROUNDED CLAISTS.
- TRIASSIC AND (?) JURASSIC:**
  - HORNEBLENDE DIORITE -** GRANODIORITE (GUICHON BATHOLITH EQUIVALENT)
- Nicola Group -** GREENSTONE, META-TUFF, CHERTY TUFF, ANDESITE AND MINOR BASALT
- BEDDING**
- FAULT PLANE**
- FRACTURE AND JOINTS**

**GEOLOGICAL BRANCH ASSESSMENT REPORT**

**13,740**



GOLDQUEST I LIMITED PARTNERSHIP			
THOM & FEHR CLAIMS			
<i>GEOLOGY</i>			
PLAN No. 777	DRAWN COMPUDRAW	DATE MAY 1985	FIGURE 2
Revised		N.T.S. 921 / 10.11	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

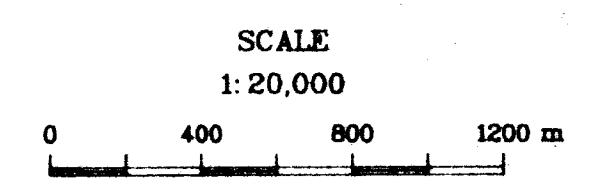


**LEGEND**

Ag(ppm), As(ppm), Au(ppb), Hg(ppb), (Hg,ppb)  
(Rerun)

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

# 13,740



GOLDQUEST I LIMITED PARTNERSHIP			
THOM & FEHR CLAIMS			
<i>ROCK SAMPLE LOCATIONS &amp; RESULTS</i>			
PLAN No. 779	DRAWN COMPUDRAW	DATE MAY 1985	FIGURE
Revised		N.T.S. 921 / 10.11	4
MINEQUEST EXPLORATION ASSOCIATES LTD.			