

85-381-13773

HFC6



Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S) Prospecting	TOTAL COST \$4,100
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AUTHOR(S) John B. Davies SIGNATURE(S)

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED April 25, 1985 YEAR OF WORK 1984

PROPERTY NAME(S) Golden Bear

COMMODITIES PRESENT Mo.

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION New Westminster NTS 92 H/5

LATITUDE 121 45' LONGITUDE 49.29'

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

Golden Bear 1 - 20

OWNER(S)

(1) L. Gaye Davies (2)

GEOLOGICAL BRANCH ASSESSMENT REPORT

MAILING ADDRESS

3016 140th St
Surrey, B.C. V4A 4J6

13,773

OPERATOR(S) (that is, Company paying for the work)

(1) owner (2)

MAILING ADDRESS

as above

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

Quartz - Diorite (Cretaceous)
Pelites (Pennsylvanian & Permian)

Ultramafics

Molybdenite in veins in Diorite at contact with slates

Scarns in contact zone

Complex faulting

REFERENCES TO PREVIOUS WORK none

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS			COST APPORTIONED
GEOLOGICAL (scale, area)					
Ground
Photo
GEOPHYSICAL (line-kilometres)					
Ground					
Magnetic
Electromagnetic
Induced Polarization
Radiometric
Seismic
Other
Airborne					
GEOCHEMICAL (number of samples analysed for)					
Soil
Silt
Rock
Other
DRILLING (total metres; number of holes, size)					
Core					
Non-core
RELATED TECHNICAL					
Sampling/assaying
Petrographic
Mineralogic
Metallurgic
PROSPECTING (scale, area)	1:5000	1 Km x 1 1/2 Km	GOLDEN BEAR		4100
PREPARATORY/PHYSICAL					
Legal surveys (scale, area)
Topographic (scale, area)
Photogrammetric (scale, area)
Line/grid (kilometres)
Road, local access (kilometres)
Trench (metres)
Underground (metres)
				TOTAL COST	4100

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report)	
Value of work approved	
Value claimed (from statement)	
Value credited to PAC account	
Value debited to PAC account	
Accepted	Date	Rept. No.	Information Class

GOLDEN BEAR PROSPECTING REPORT

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GOLDEN BEAR PROSPECTING REPORT

INTRODUCTION

The Golden Bear claims, comprised of 20 units, 5N x 4E, are situated in the New Westminster Mining District of B.C. at 121° 45' W, 49° 29' N on NTS 92 H/5. The LCP is located about 1 mile east of the confluence of Bear Creek at Harrison Lake on the intersection of the Bear Creek logging road and a spar road running north. Access is by 4 wheel drive to much of the claim with the central area mainly inaccessible except by hiking and climbing. Steep cliffs and mountainous terrain allow access to some parts only by rope.

The property is owned by L.G. Davies and has no previous history. The property has extensive float and showings of molybdenite and is currently being explored for other metals as well. A prospecting survey with an initial line of sampling and some assaying has been performed mainly on the accessible regions. The total area prospected is about 1 km x 500 m on the south and 750 m x 200 m in the north along a narrow canyon. Approximately 750 metres of prospecting exploration surveys has been performed along this canyon with stations surveyed every 25 m.

CLAIM GEOLOGY

The Golden Bear claim group is situated on the east shore of Harrison Lake. Cretaceous quartz - diorites occupy the south east region of the claims with contact of the north and west with Permian volcanics, slates and pelites. On the north east flank, ultramafic rocks with serpentinites have been mapped.

In the Harrison Lake region a number of prospects and mines have been explored and developed. On the west side, massive sulfides in volcanics have been drilled while the Doctors Point property has pyritic gold associated with diorite plugs. A few miles north, chalcopyrite in massive sulfide is being explored. Further to the north, Fire Island vein systems contained gold while Big Silver crown grant claims are also known for vein gold in pelites. Ten miles to the south, massive pyrrhotite contains up to $\frac{1}{2}$ oz/ton gold and drilled shear zones in diorite contain gold over large widths. To the east, in ultramafics, the Giant Mascot Ni - Cu mines were successful for many years.

PROSPECTING REPORT

Because of access and visible mineralisation, prospecting has concentrated on the southwest corner of the Golden Bear property. At the Legal Corner Post, a zone of scarn and mineralisation runs north east separating the two main rock types; pyritised slates to the NW and quartz diorites to the east. This scarn - limestone zone runs past the Camp, 500 m north of the LCP on a spur road. The contact can be located on a higher road approximately 500 m NE of the camp. Limestone float with pyritic mineralisation is observed over much of this rugged areas.

To the north, along the projected contact between Qz-diorite and Slates/pelites, is mainly overburden with thick forests. Approximately 700 m north of the last observed contact, David Creek runs along a fault zone between the slates and diorites in a steep canyon. For over 600 metres along David Creek from station 0 - 300 up to over 0 + 300, molybdenite float is found in abundance in QZ - Diorite. Some vein material in the bank of the creek also contains molybdenite. A line of stations 25 m apart has been surveyed between the aforementioned stations with results as shown in the accompanying graphs of Self Potential, Ph and Molybdenite occurrences.

At 0 + 300, a series of waterfalls occurs which have been roped for access. Massive Chalcopyrite in veins occur at the base of this waterfall. To the east, up steep cliffs, limestone and scarns occur with Pyritic quartz - carbonate veins. Between 0 + 150 and 0 + 250, white stains are leaching from the north-side slates into the creek. As can be seen from the accompanying prospecting map, because elevation rises steeply to the north-west, the canyon and roads allow the few areas of outcrop.

ITEMIZED COST STATEMENT

GOLDEN BEAR CLAIMS 1984 season Record No. 2428

15 days work

WAGES

Geophysicist @ \$125 p.d.	\$ 1,875
Labour @ \$ 80 p.d.	1,200
Transportation costs	200
Food and camp costs	600
Exploration supplies	75
Report preparation	<u>150</u>
Total cost	\$ 4,100

AUTHOR'S QUALIFICATIONS

I, hereby state, that I and qualified associates have performed the enclosed work and produced the attached report. My qualifications are:

1. Qualified B.C. prospector with 14 years experience.
2. M.S. in Geophysics, Caltech 1968.
3. Ph.D. in Geophysics and Astronomy, U.B.C., 1980

Sincerely,

John B. Davies

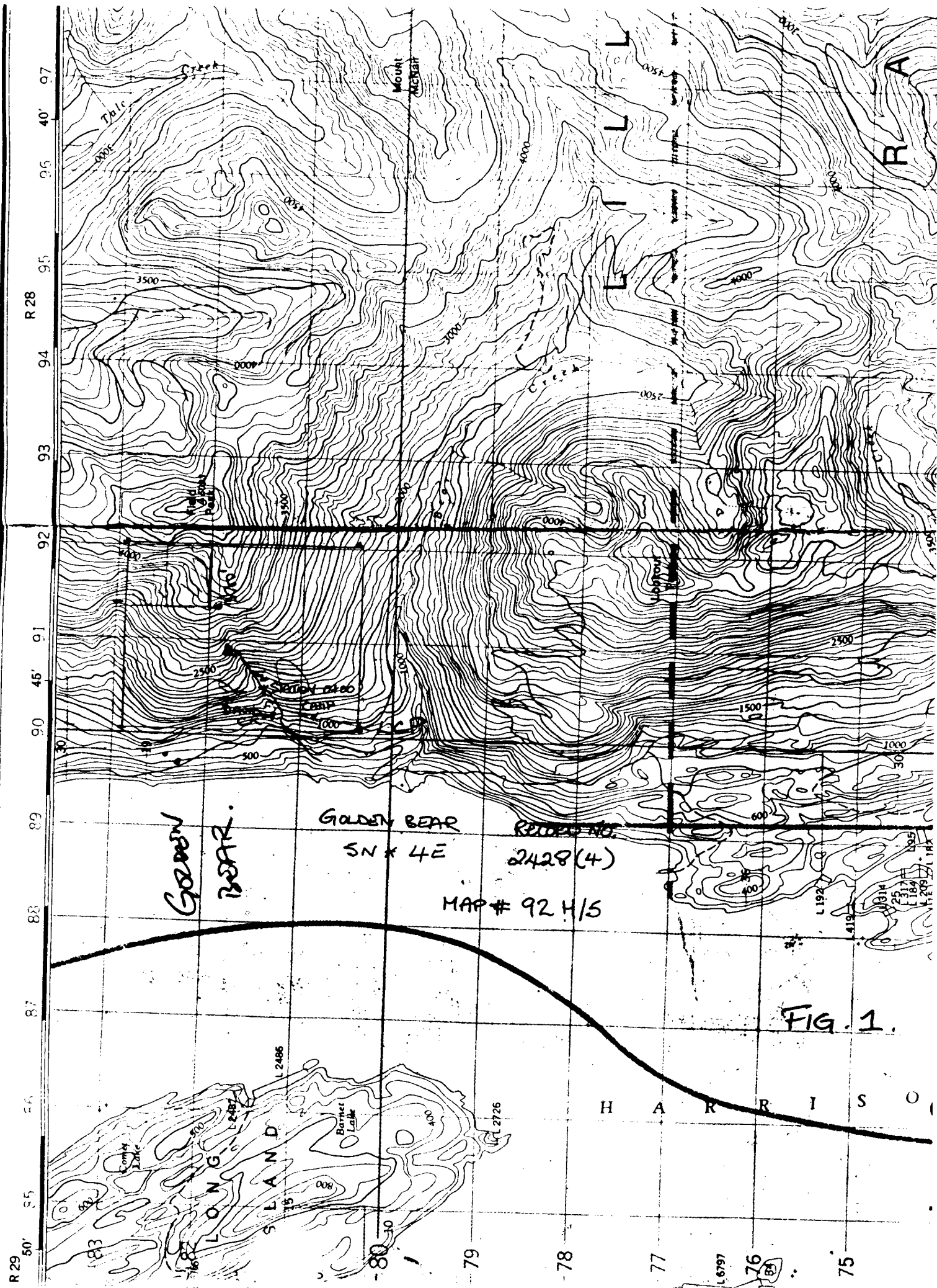
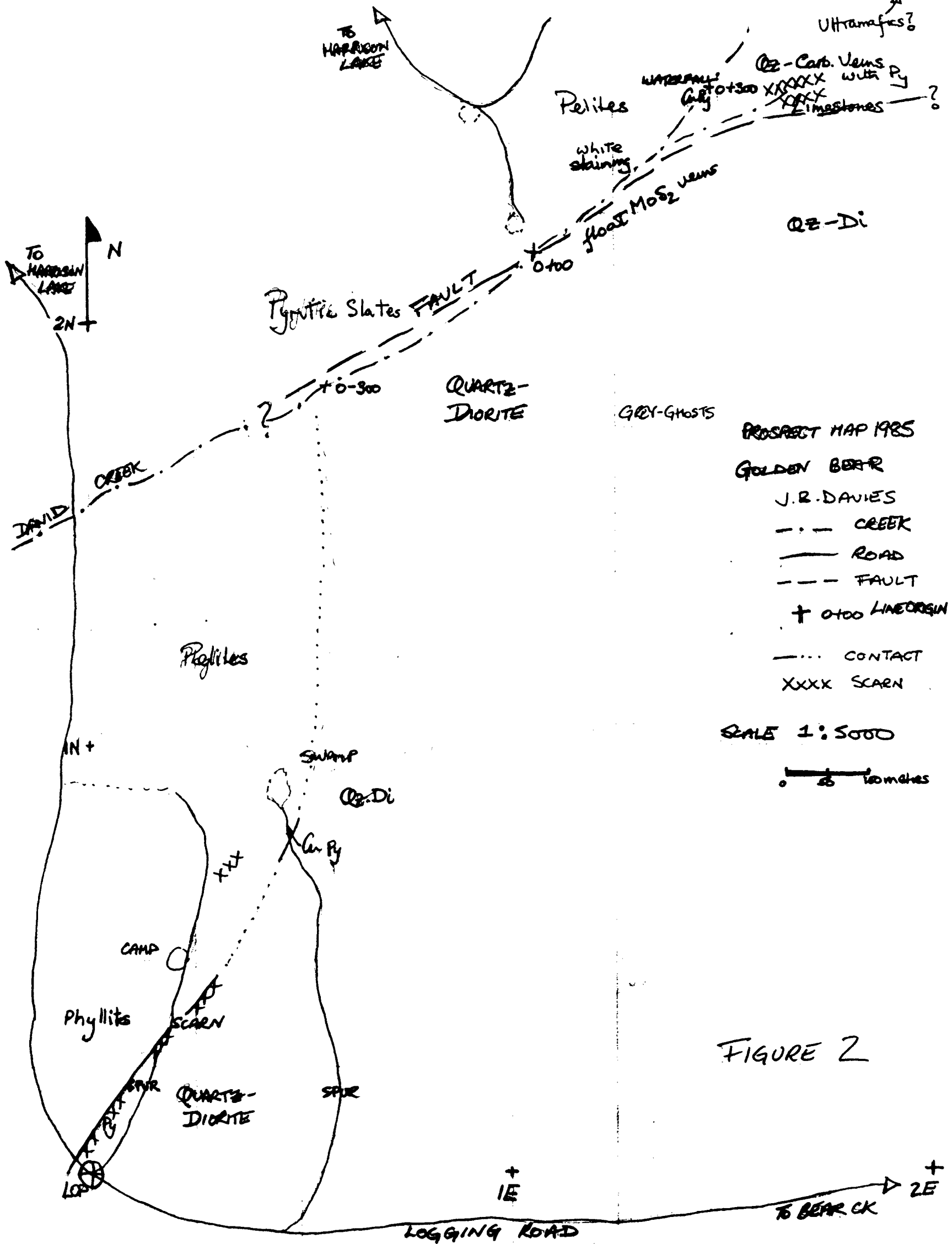


FIG. 1.



PROSPECT MAP 1985
 GOLDEN BEAR
 J.B. DAVIES
 --- CREEK
 ——— ROAD
 - - - FAULT
 + 0100 LINEATION
 - · · · CONTACT
 XXXX SCARN

SCALE 1:5000
 10 metres

FIGURE 2

GOLDEN BEAR
CANYON LINE

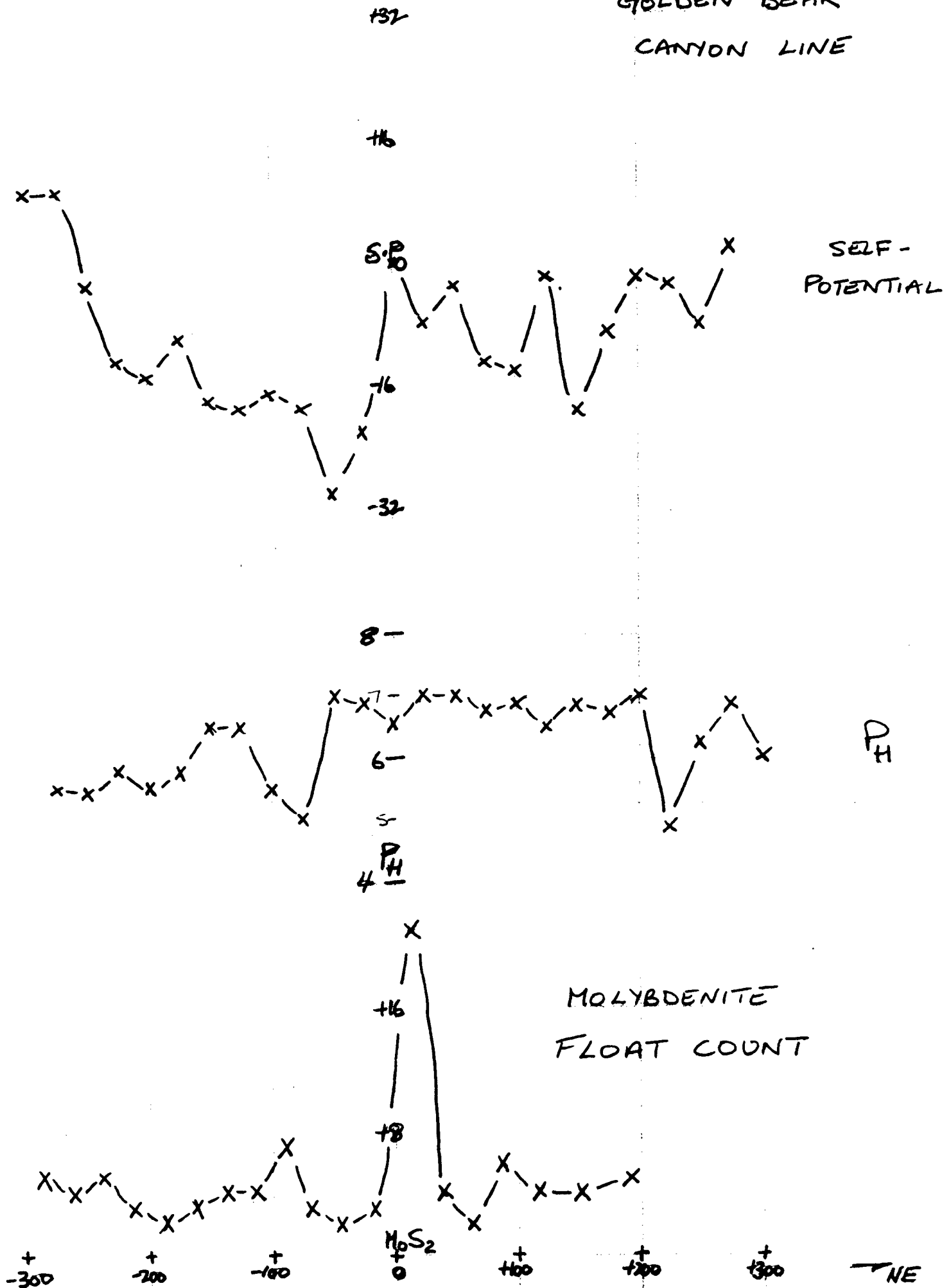


FIGURE 3.