

85-1171-15102  
01/87

**ASSESSMENT REPORT**  
**PHYSICAL, PROSPECTING, GEOLOGICAL SURVEY**

**Claims Involved:**

B-D-J Groups of claims - (3) three groups - comprising 215 units

B-D-J #1 - #2 - #3 - #4 - #8 - Group # one - 95 units

B-D-J #5 - #6 - #7 - Group # two - 45 units

B-D-J #9 - #10 - #11 - #12 - Group # three - 75 units

**Mining Division:**

Revelstoke

**N.T.S. Sheet:**

82 M/1E

**Latitude and Longitude:**

51°11'

118°9'

**U.T.M.:**

E = 20; N = 71

**Owner of Claims:**

Wm. J. (Bill) Farney

FILMED

**Operator:**

Farney Explorations and Associates

**Consultant:**

Peter B. Read  
Geotex Consultants Ltd.  
#1200 - 100 W. Pender Street  
Vancouver, B.C., V6B 1R8

**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

**Dates work performed:**

April 15 - May 20, 1985

August 7 - October 3, 1985

**Author of Report:**

Wm. J. (Bill) Farney

**Date Submitted:**

December 23, 1985

15,102

TABLE OF CONTENTS

|                                    |    |
|------------------------------------|----|
| Title Page                         | 1  |
| Table of Contents                  | 2  |
| Illustrations                      | 3  |
| Introduction                       | 6  |
| Location and Access                | 8  |
| Topography, Vegetation and Climate | 8  |
| Claims and Ownership               | 9  |
| Regional Geology                   | 10 |
| General Geology                    | 10 |
| Physical Work                      | 13 |
| Grid Preparation and Linecutting   | 13 |
| Trenching                          | 13 |
| Improvement of Roads and Trails    | 14 |
| Presentation of Results            | 14 |
| Discussion of Results              | 14 |
| Conclusions and Recommendations    | 14 |
| Itemized Cost Statements           | 15 |
| Statement of Qualifications        | 22 |

## ILLUSTRATIONS

| Figure   | Page      |
|--|-----------|
| 1.A Master Index, property location map. British Columbia, south eastern division. Location of B-D-J property indicated.   | 4         |
| 1.B Location map, Area of Interest, N.T.S. 82M/1E. Revelstoke Mining Division, British Columbia.   | 5         |
| 2. B-D-J Claims #1 through #12, Location Map and Drawing Lat.51°11';' Long. 118°9', U.T.M. - E=20; N = 71  | 7         |
| 3. Regional Geology, Map showing fault zones and slices of the Selkirk and Clachnacudainn Salients. Location of figure 2 indicated.  | 11        |
| 4. General geology, major faults, tectonic elements, slides and slice area detailed. Appended to figure 3.   | 12        |
| 5, <sup>5a</sup> Geological Plan (drawing) Map. Indicating anomalies, preparation of grids, roads/trails, access, sampling locations and areas of surficial prospect surveys and traverse. | In Pocket |

Fig. 1A

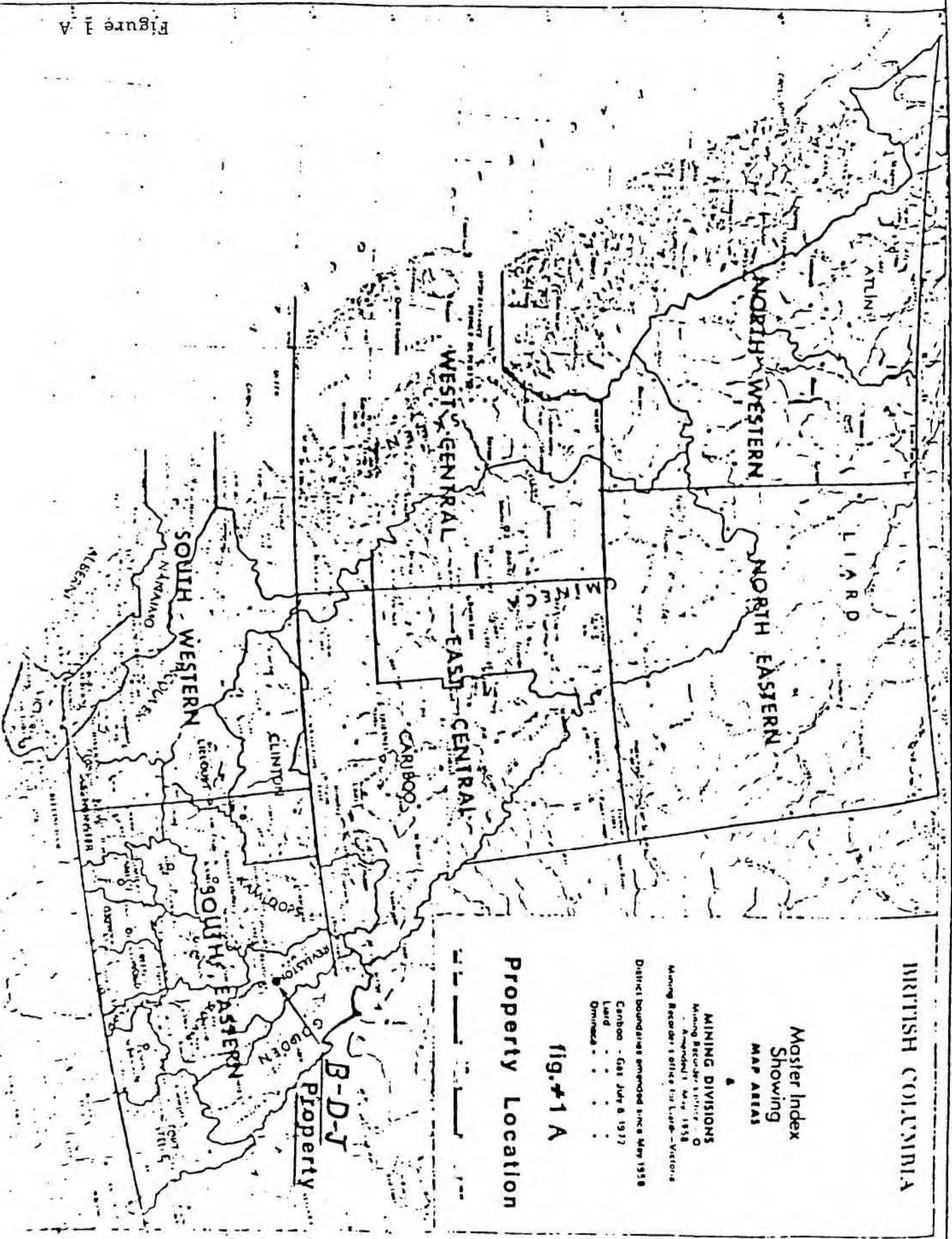
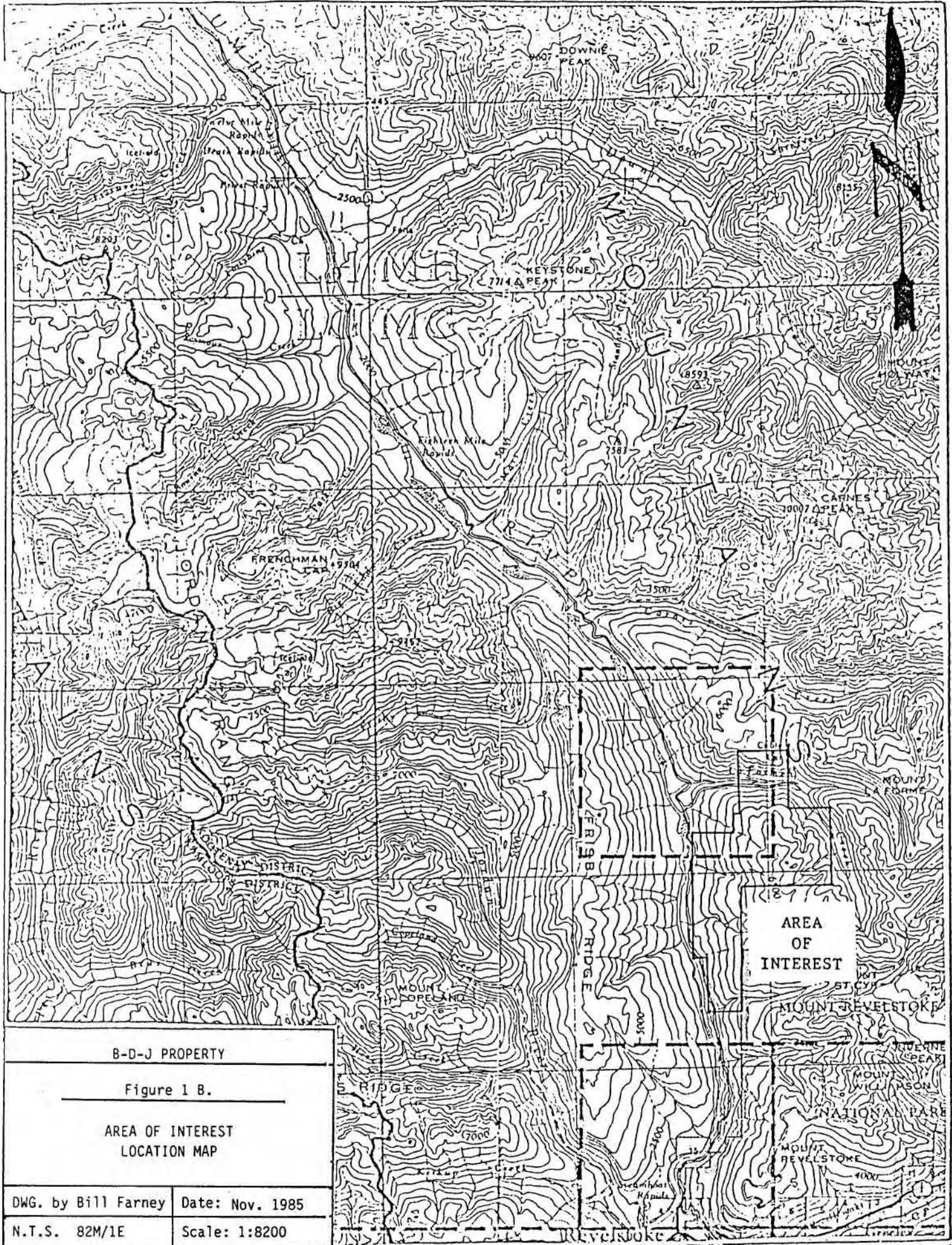


Figure 1 A



B-D-J PROPERTY

Figure 1 B.

AREA OF INTEREST  
LOCATION MAP

DWG. by Bill Farney

Date: Nov. 1985

N.T.S. 82M/1E

Scale: 1:8200

### **Introduction:**

The B-D-J property comprises (12) twelve claims that total (215) two hundred and fifteen units in all.

The property is situated approximately (20) twenty Km. north of Revelstoke, B.C. (Figures 1 A. - 1 B.)

The (3) three groups of claims in the B-D-J property were staked at several periods from September of 1984 to May of 1985 (Figure 2.)

These claims are adjacent to the Thanksgiving group of claims, a Tungsten prospect to the West and North, near the confluence of Hathaway Creek and Lake Revelstoke. The mineralization there occurs in a garnet - diopside - quartz - sheelite - carbonate skarn, and a scheelite - bearing quartz - biotite schist.

This Report is concerned with the geology and mineral potential of the B-D-J group of Mineral claims.

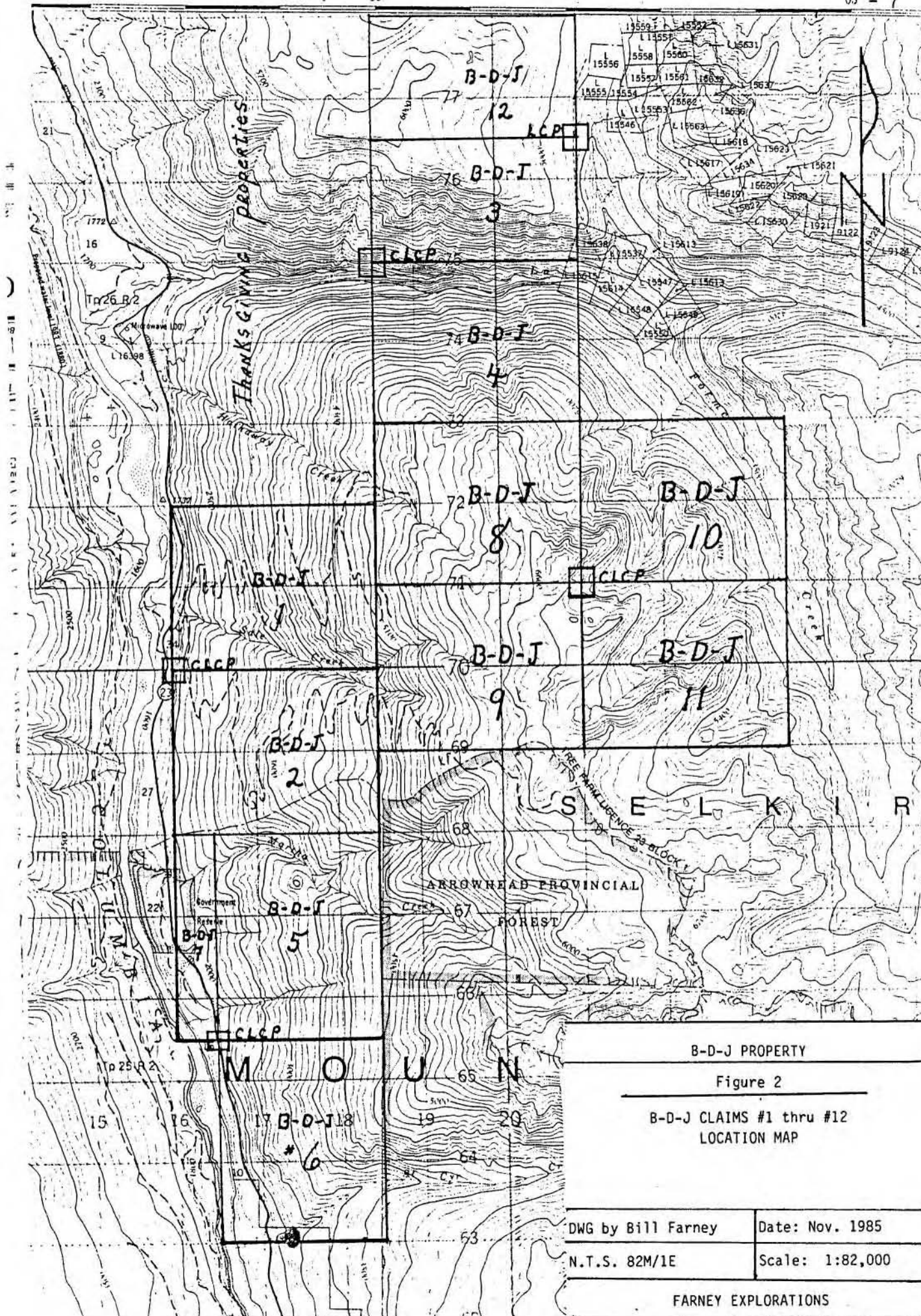
A program of linecutting and grid establishment; hand and machine trenching; soil/silt and rock chip sampling was begun on April 15, 1985. There were also a number of shallow (3 to 8 foot) holes drilled with an X-ray prospect drill, to investigate sub-surface in bedrock outcrops.

The first phase of this program was conducted on B-D-J #1 - #2 - #3 - #4 (which are grouped with B-D-J #8), Group #1 (one). This initial program was terminated on the 20th day of May, 1985.

The second phase of the investigation was begun on August 7, 1985 and continued until October 3, 1985. This work was conducted on B-D-J #9 - #10 - #11 and #12 which are grouped (B-D-J group # 3 (three)) and also on B-D-J #5 - #6 - #7 which are grouped (B-D-J group #2 (two)).

The work was conducted under the general supervision of W.J. (Bill) Farney, free miner owner of the B-D-J groups of properties. The staking, road and trail restoration, and prospect drilling was done by and under the direction of John Seewalt.

The linecutting, grid establishment and sampling program was done under the direction of Denis Seewalt, associates and operators on the property.



B-D-J PROPERTY

---

Figure 2

---

B-D-J CLAIMS #1 thru #12  
LOCATION MAP

---

|                    |                 |
|--------------------|-----------------|
| DWG by Bill Farney | Date: Nov. 1985 |
| N.T.S. 82M/1E      | Scale: 1:82,000 |

---

FARNEY EXPLORATIONS

### **Location and Access**

The centre of the property lies to the east of Lake Revelstoke, approximately (20) twenty km. North, at  $010^{\circ}$  (true) from Revelstoke, B.C. townsite. (Figure 1 B) at Latitude  $51^{\circ}11'$ ; Longitude  $118^{\circ}09'$  U.T.M. = E = 20; N = 71.

Access to the lower portion of the property is by the recently relocated Revelstoke to Mica Dam road (Hwy #23).

Two logging roads and the old Mastodon Mine road lead to the upper elevations east of Highway #23 (Figure 2)

These roads are subject to washout and slide damage, hence care must be exercised when using them. However, they are the most practical means of access for work on the claims.

### **Topography, climate & vegetation**

The B-D-J claims are located in the Selkirk Mountain Range and flank Lake Revelstoke on the east slope. They occupy an area that varies from moderate slope to steep walled valleys with a number of shear faced cliffs. The lower levels are heavily timbered with mature stands of cedar, spruce, balsam and hemlock; where not logged off, and thickly matted with underbrush. Alder, wolf-willow and devil's club are particularly troublesome in avalanche and snowslide areas. Traverse and linecutting in these areas is difficult and arduous. However, the prevailing terrane in the upper reaches consists of open highland meadows with alpine and sub-alpine conditions and a limited amount of scrub vegetation.

Evelations range from 480 metres (1600 ft.) to 2075 metres (6700 ft.) A.S.L.

Climate is interior rain belt with temperatures ranging between  $-20^{\circ}\text{C}$  to plus  $30^{\circ}\text{C}$ . Annual precipitation averages 1.15 M. more than half of which falls as up to 5 M. of snow.



## Claims and Ownership

| Claim Name                    | Owner              | Record No. |
|-------------------------------|--------------------|------------|
| B-D-J #1<br>(20 units 5 x 4)  | W J. (Bill) Farney | 1979 (9)   |
| B-D-J #2<br>(20 units 5 x 4)  | W.J. (Bill) Farney | 1980 (9)   |
| B-D-J #3<br>(15 units 5 x 3)  | W.J. (Bill) Farney | 1981 (9)   |
| B-D-J #4<br>(20 units 5 x 4)  | W.J. (Bill) Farney | 1982 (9)   |
| B-D-J #5<br>(20 units 5 x 4)  | W.J. (Bill) Farney | 2028 (1)   |
| B-D-J #6<br>(20 units 5 x 4)  | W.J. (Bill) Farney | 2029 (1)   |
| B-D-J #7<br>(5 units 5 x 1)   | W.J. (Bill) Farney | 2030 (1)   |
| B-D-J #8<br>(20 units 5 x 4)  | W.J. (Bill) Farney | 2082 (9)   |
| B-D-J #9<br>(20 units 5 x 4)  | W.J. (Bill) Farney | 2083 (5)   |
| B-D-J #10<br>(20 units 5 x 4) | W.J. (Bill) Farney | 2084 (5)   |
| B-D-J #11<br>(20 units 5 x 4) | W.M. (Bill) Farney | 2085 (5)   |
| B-D-J #12 (15 Units)<br>5 x 3 | W.J. (Bill) Farney | 2086 (5)   |

## Regional Geology

The regional geology of the area north of Revelstoke is recognized as being on the extreme Eastern flank of the Shuswap Metamorphic Complex.

The general interpretation is that the La Forme Creek area is the locus of the northern limits of the Standfast Creek slide, a component of the Clachnacudainn Salient. (Read and Brown, 1981). The geology in this area is (admittedly) complex; not well understood and (occasionally) controversial. However, it is agreed that the Columbia River fault zone has a history of protracted movement; that this northern section of this salient suffered early deformation resulting in the formation of a prism of mylonites, which are folded by later deformation, causing intrusives to cut the mylonite zone. This displacement manifested in fracturing and the development of gouge zones. (Figures 3 & 4)

What is established by these observations is the complex interplay of early and late stage deformation, and the particular importance of late stage brittle zones associated with the Columbia River fault zone and the Standfast Slide area where the two form a juncture.

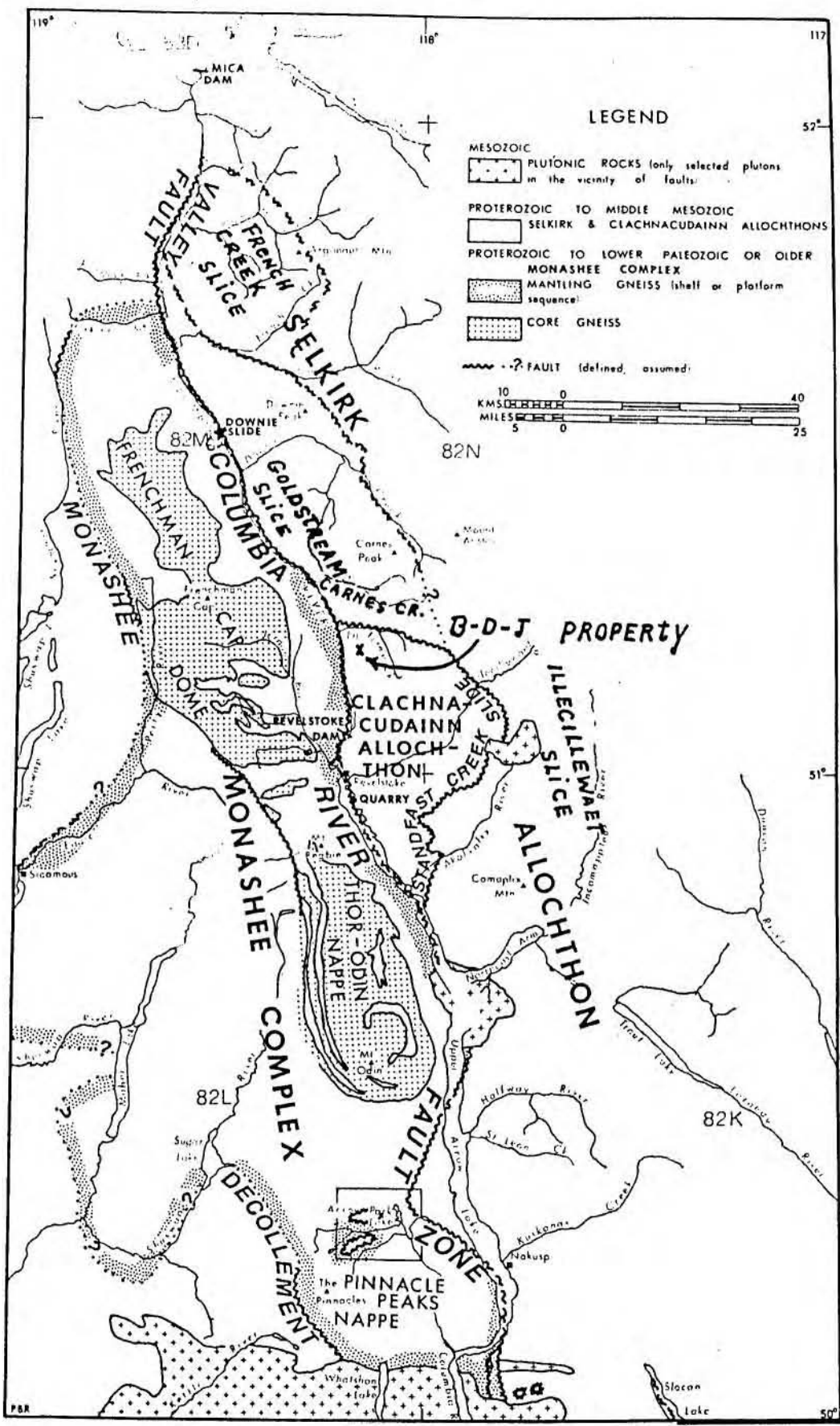
## General Geology

The B-D-J property for the main part comprises a threefold division of lithologies, in tectonic juxtaposition and cut by a late stacked sequence of thrust plates. The structure on the whole is comprised of a variety of metasedimentary and intrusive rocks. There is considerable outcrop on the cliff faces, on isolated knobs, ridges, road and stream cuts and in some slide areas. Investigation of these areas indicate vast formations of gneissic granitoid rock, layered quartz-chlorite gneiss, micaceous quartzite and biotite gneiss.

A number of prospect holes, 3 to 8 ft. in depth, were drilled with a one-half inch portable prospect drill. The sub-surficial material was found to contain a variety of fine grained metamorphic rocks, quartzites, quartz, medium-grained granite which is composed of feldspar, hornblende and biotite. Hornblende granodiorite was also noted in limited quantity.

The foliation structure is dominantly northwesterly trending; and a strong set of young folds is superimposed on an older fold structure. It is difficult to map with confidence the distribution of bedrock types, to interpret structure, and to establish the exact stratigraphic sequence.

<sup>1</sup> Read, P.B. & Brown, R.H. (1981). Columbia River Fault Zone: Can. J. Earth Sciences 18, p.1127.



B-D-J PROPERTY  
 Figure 3  
 REGIONAL GEOLOGY  
 N.T.S. 82M      Date: Nov. 1985

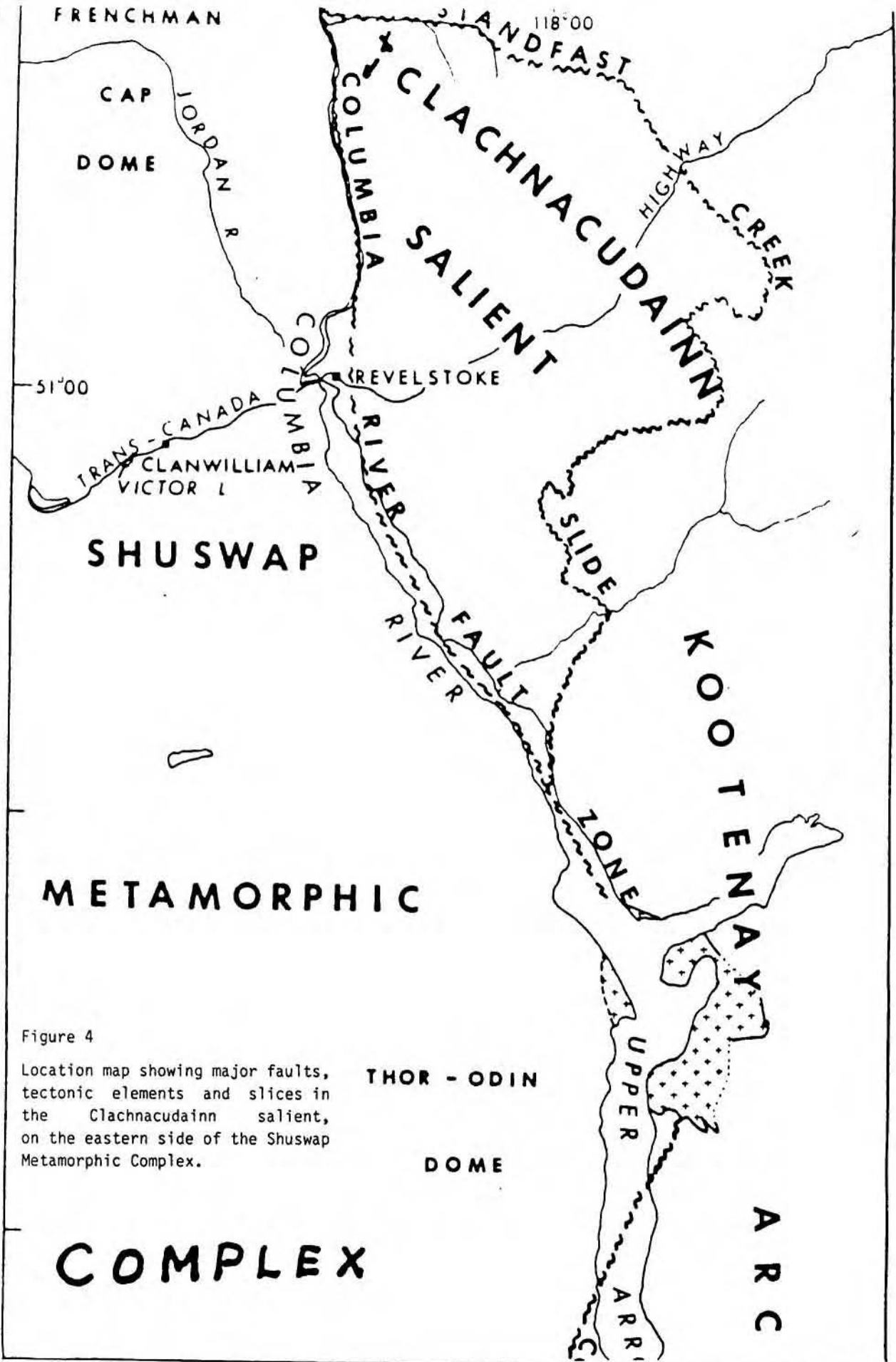


Figure 4  
 Location map showing major faults, tectonic elements and slices in the Clachnacudainn salient, on the eastern side of the Shuswap Metamorphic Complex.

FIG. 4.

Interpretation is much complicated by the presence of two, three, or possibly more major episodes of deformation.

The next phase of exploration will include the drilling of 25 to 30 holes to a depth of 100 M to 200 M.

This program should resolve many of these questions.

## Physical Work

### Grid preparation and linecutting

There were three control grids developed using compass and chain methods to establish a 200 M. grid pattern. One on each of the three claim groups (refer to drawing #5 "Geology").

There was also an extensive contour soil/silt traverse carried out over a large portion of the property. Lines were run every 500 vertical feet, and samples were collected at 200 M. intervals. Streams, cuts, and outcrops were also sampled and examined whenever encountered. A total of 528 samples were collected. These included the soil and rock-chip samples taken from trenches, and core and sludge samples which were obtained from the prospect drill.

The material gathered was examined and field tested by W.J. (Bill) Farney, Geologist. The methods employed in this examination included; visual, odour, feel (texture) hardness, (streak) cleavage, fracture, weight, fusibility, fluorescence (Ultra V. lamp), magnetic properties, in-depth examination of crystal form, and heat and chemical testing. Of the total samples taken 78 were analyzed for "Au" and "Ag", ounces per ton, and P.P.M copper, lead, zinc, molybdenum, and tungsten. These assays were done in the Barringer Magenta laboratory, suite 105, 3750 - 19th Street N.E., Calgary, Alberta, T2E 6V2.

### Trenching

A total of 2000 M. of hand trenching was done, at a depth of between 10 cm. and 50 cm. approximately 1/2 M. in width. These were dug with pick, shovel and mattock to where the visible "R" horizon was exposed (whenever possible).

Eight trenches were dug with a machine, (backhoe) a total of 680 M2 (Drawing #5).

### **Improvement of Roads and Trails**

Roads (existing) washout (nine) repaired.

Roads (existing) slides (seven) cleared.

Roads (existing) deadfalls and second growth - 1 removed 470 M<sup>2</sup>.

Trails (existing) slides, washout, brush cleared and bridges repaired and/or rebuilt. 950 M<sup>2</sup>. (Drawing #5)

### **Presentation of Results**

Results of the Grid and Traverse, soil/silt and rock, geological survey and profile are presented in drawing figure #5 of this Report. This plan map at a scale of 1:20,000 also indicates roads, trails, trenches and other related pertinent data.

### **Discussion of Results**

The majority of "Au", "Ag", "Cu", and molybdenum values in the grid and traverse soil, silt, rock and sludge samples fall within background levels. However, a number of encouraging responses of lead-zinc and tungsten were noted over a considerable portion of the property from B-D-J #2 through #10. (Drawing #5)

Therefore, it is felt that further investigation is warranted.

### **Conclusions and Recommendations**

This years program consisted primarily of physical work, in the form of road and trail restoration; the establishment of a grid pattern; linecutting, trenching, prospecting, and a surficial (mainly) geological survey.

This work has been performed in preparation for a phase one drilling program. It is expected that this work will begin in the Spring of 1986.

It is recommended that there should also be a further surficial study carried out in the vicinity of the aforementioned tungsten, lead-zinc areas of anomaly.

It is also recommended that a VLF-EM ground magnetometer survey be conducted in these areas of interest, in order to assess them in greater depth. As well, geological mapping (survey) should be continued on portions of the property not explored this year.

Itemized Cost Statement:

Record Date: Sept. 25/84  
(95 Units)

Physical - B-D-J #1 - #2 - #3 - #4 - #8 (Group one)

| <u>Task</u>      | <u>From</u> | <u>To</u> | <u>#Days</u> | <u>#People</u> | <u>Rate/day/man</u> | <u>Wages</u>       |
|------------------|-------------|-----------|--------------|----------------|---------------------|--------------------|
| Set up camp      | Apr 15      | Apr 17    | 2            | 4              | \$135               | \$ 1,080.00        |
| Restore Rd       | Apr 18      | Apr 21    | 3            | 3              | \$135               | \$ 1,215.00        |
| Trenching        | Apr 24      | Apr 26    | 3            | 4              | \$135               | \$ 1,620.00        |
| Grid Preparation | Apr 29      | Apr 30    | 2            | 4              | \$135               | \$ 1,080.00        |
| Linecutting      | May 1       | May 4     | 4            | 4              | \$135               | \$ 2,160.00        |
|                  |             |           |              |                | <b>TOTAL</b>        | <b>\$ 7,155.00</b> |

Food and Accommodation

| <u>Task</u> | <u>From</u> | <u>To</u> | <u>#Days</u> | <u>#People</u> | <u>Rate/day/man</u> | <u>Wages</u>       |
|-------------|-------------|-----------|--------------|----------------|---------------------|--------------------|
| During Camp |             |           |              |                |                     |                    |
| Set-up      | Apr 15      | Apr 17    | 2            | 4              | \$70                | \$ 560.00          |
| In Camp     | Apr 18      | May 20    | 32           | 4              | \$30                | \$ 3,840.00        |
|             |             |           |              |                | <b>TOTAL</b>        | <b>\$ 4,400.00</b> |

Physical Work and Food & Accommodation Total **\$11,555.00**

Prospecting

| <u>Task</u>  | <u>From</u> | <u>To</u> | <u>#Days</u> | <u>#People</u> | <u>Rate/day/man</u> | <u>Wages</u>       |
|--|-------------|-----------|--------------|----------------|---------------------|--------------------|
| Prospect<br>(locate anomalies)                       | May 5       | May 6     | 2            | 4              | \$135               | \$ 1,080.00        |
| Drill 3'-8'<br>prospect holes                        | May 7       | May 8     | 2            | 4              | \$135               | \$ 1,080.00        |
| Collect<br>samples;<br>Trenches- Traverse            | May 9       | May 11    | 3            | 4              | \$135               | \$ 1,620.00        |
| Collect & organize<br>Samples-core,<br>sludge & silt | May 12      | May 14    | 3            | 3              | \$135               | \$ 1,215.00        |
| Examine<br>samples<br>& field test                   | May 12      | May 13    | 2            | 1              | \$150               | \$ 300.00          |
|  |             |           |              |                | <b>TOTAL</b>        | <b>\$ 5,295.00</b> |

**Geological Survey**

| <u>Task</u>        | <u>From</u> | <u>To</u> | <u>#Days</u> | <u>#People</u> | <u>Rate/day/man</u> | <u>Wages</u>       |
|--------------------|-------------|-----------|--------------|----------------|---------------------|--------------------|
| Identify Structure | May 14      | May 17    | 4            | 2              | \$135               | \$ 1,080.00        |
| Mapping Geology    | May 18      | May 19    | 2            | 2              | \$135               | \$ 540.00          |
| Fire & Chemical    | May 20      | May 20    | 1            | 2              | \$135               | \$ 270.00          |
| Field Tests        | May 20      | May 20    | 1            | 2              | \$150               | \$ 300.00          |
|                    |             |           |              |                | <b>TOTAL</b>        | <b>\$ 2,190.00</b> |

**Equipment Rentals**

| <u>Equipment</u>              | <u>From</u> | <u>To</u> | <u>#Months</u> | <u>Rate/month</u> | <u>Costs</u>       |
|-------------------------------|-------------|-----------|----------------|-------------------|--------------------|
| 1/2" X-ray drill (packsack)   | Apr 18      | May 20    | one            | \$410             | \$ 410.00          |
| One 3/4 Ton 4x4 Truck         | Apr 18      | May 20    | one            | \$700             | \$ 700.00          |
| One 1/2 Ton Pickup Truck      | Apr 18      | May 20    | one            | \$500             | \$ 500.00          |
| Backhoe Rubber mounted        | Apr 24      | Apr 26    | 28 hrs.        | \$50/hr           | \$ 1,400.00        |
| Chain saw                     | Apr 18      | May 20    | one            | \$155             | \$ 155.00          |
| Maintenance & Fuel for Trucks | Apr 18      | May 20    | one            | \$545             | \$ 545.00          |
| 2 (Two) Camp Trailers         | Apr 18      | May 20    | one            | \$600             | \$ 600.00          |
|                               |             |           |                | <b>TOTAL</b>      | <b>\$ 4,310.00</b> |

Work was done to the value of Total  
On B-D-J Group # one) \$23,350.00



## Itemized Cost Statement

Record Date: Jan. 9/85  
(45 Units)

## Physical - B-D-J #5 - #6 - #7 (Group (2) Two)

| <u>Task</u>      | <u>From</u> | <u>To</u> | <u>#Days</u> | <u>#People</u> | <u>Rate/day/man</u> | <u>Wages</u>       |
|------------------|-------------|-----------|--------------|----------------|---------------------|--------------------|
| Repair Trails    | Aug 7       | Aug 8     | 2            | 4              | \$135               | \$ 1,080.00        |
| Grid preparation | Aug 9       | Aug 10    | 2            | 4              | \$135               | \$ 1,080.00        |
| Linecutting      | Aug 12      | Aug 14    | 3            | 4              | \$135               | \$ 1,620.00        |
| Trenching        | Aug 15      | Aug 17    | 3            | 4              | \$135               | \$ 1,620.00        |
|                  |             |           |              |                | <b>TOTAL</b>        | <b>\$ 5,400.00</b> |

## Food and Accommodation

| <u>Task</u> | <u>From</u> | <u>To</u> | <u>#Days</u> | <u>#People</u> | <u>Rate/day/man</u> | <u>Wages</u>       |
|-------------|-------------|-----------|--------------|----------------|---------------------|--------------------|
| In Camp     | Aug 7       | Sept 7    | 31           | 4              | \$30.00             | \$ 3,720.00        |
|             |             |           |              |                | <b>TOTAL</b>        | <b>\$ 3,720.00</b> |

## Prospecting

| <u>Task</u>                              | <u>From</u> | <u>To</u> | <u>#Days</u> | <u>#People</u> | <u>Rate/day/man</u> | <u>Wages</u>       |
|--|-------------|-----------|--------------|----------------|---------------------|--------------------|
| Prospect<br>(locate anomalies)           | Aug 18      | Aug 19    | 2            | 4              | \$135               | \$ 1,080.00        |
| Drill 3'-8'<br>prospect holes            | Aug 20      | Aug 22    | 3            | 4              | \$135               | \$ 1,620.00        |
| Collect Samples<br>Trenches-<br>Traverse | Aug 24      | Aug 27    | 4            | 4              | \$135               | \$ 2,160.00        |
|  |             |           |              |                | <b>TOTAL</b>        | <b>\$ 4,860.00</b> |

## Geological Survey

| <u>Task</u>                            | <u>From</u> | <u>To</u> | <u>#Days</u> | <u>#People</u> | <u>Rate/day/man</u> | <u>Wages</u>       |
|--|-------------|-----------|--------------|----------------|---------------------|--------------------|
| Identify<br>Structure,<br>formation    | Aug 28      | Aug 30    | 4            | 2              | \$135               | \$ 1,080.00        |
| Mapping<br>Geology                     | Sept 1      | Sept 2    | 2            | 2              | \$135               | \$ 540.00          |
| Collect<br>Samples                     | Sept 3      | Sept 5    | 3            | 3              | \$135               | \$ 1,215.00        |
| Field Test<br>Fire &<br>Chemical, etc. | Sept 6      | Sept 7    | 2            | 2              | \$135               | \$ 540.00          |
|  |             |           |              |                | <b>TOTAL</b>        | <b>\$ 3,375.00</b> |

**Equipment Rentals**

| <u>Equipment</u>                 | <u>From</u> | <u>To</u> | <u>#Months</u> | <u>Rate/month</u> | <u>Costs</u>       |
|----------------------------------|-------------|-----------|----------------|-------------------|--------------------|
| 1/2" X-ray drill<br>(packsack)   | Aug 7       | Sept 7    | one            | \$410             | \$ 410.00          |
| One 3/4 Ton<br>4x4 Truck         | Aug 7       | Sept 7    | one            | \$700             | \$ 700.00          |
| One 1/2 Ton<br>Pickup Truck      | Aug 7       | Sept 7    | one            | \$500             | \$ 500.00          |
| Backhoe<br>Rubber mounted        | Aug 15      | Aug 17    | 20 hrs.        | \$50/hr           | \$ 1,000.00        |
| Chain saw                        | Aug 7       | Sept 7    | one            | \$155             | \$ 155.00          |
| Maintenance &<br>Fuel for Trucks | Aug 7       | Sept 7    | one            | \$510             | \$ 510.00          |
| 2 (Two)<br>Camp Trailers         | Aug 7       | Sept 7    | one            | \$600             | \$ 600.00          |
|                                  |             |           |                | <b>TOTAL</b>      | <b>\$ 3,875.00</b> |

Work was done to the value of Total  
(On B-D-J Group #two (2) )

\$21,230.00

**Itemized Cost Statement**

**Record Date: May 8/85  
(75 Units)**

**Physical - B-D-J #9 - #10 - #11 - #12 (Group (3) Three)**

| <u>Task</u>                     | <u>From</u> | <u>To</u> | <u>#Days</u> | <u>#People</u> | <u>Rate/day/man</u> | <u>Wages</u>       |
|---------------------------------|-------------|-----------|--------------|----------------|---------------------|--------------------|
| Restore - Repair<br>Rd & Trails | Sept 8      | Sept 9    | 2            | 4              | \$135               | \$ 1,080.00        |
| Linecutting                     | Sept 10     | Sept 13   | 4            | 4              | \$135               | \$ 2,160.00        |
| Grid preparation                | Sept 14     | Sept 16   | 3            | 4              | \$135               | \$ 1,620.00        |
| Trenching                       | Sept 17     | Sept 18   | 2            | 4              | \$135               | \$ 1,080.00        |
|                                 |             |           |              |                | <b>TOTAL</b>        | <b>\$ 5,940.00</b> |

**Food and Accommodation**

| <u>Task</u> | <u>From</u> | <u>To</u> | <u>#Days</u> | <u>#People</u> | <u>Rate/day/man</u> | <u>Wages</u>       |
|-------------|-------------|-----------|--------------|----------------|---------------------|--------------------|
| In Camp     | Sept 7      | Oct 3     | 27           | 4              | \$30                | \$ 3,240.00        |
|             |             |           |              |                | <b>TOTAL</b>        | <b>\$ 3,720.00</b> |

**Prospecting**

| <u>Task</u>                           | <u>From</u> | <u>To</u> | <u>#Days</u> | <u>#People</u> | <u>Rate/day/man</u> | <u>Wages</u>       |
|---------------------------------------|-------------|-----------|--------------|----------------|---------------------|--------------------|
| Prospect<br>(locate anomalies)        | Sept 19     | Sept 20   | 2            | 4              | \$135               | \$ 1,080.00        |
| Drill 3'-8'<br>prospect holes         | Sept 21     | Sept 24   | 4            | 4              | \$135               | \$ 2,160.00        |
| Collect samples<br>Trenches- Traverse | Sept 25     | Sept 27   | 3            | 4              | \$135               | \$ 1,620.00        |
|                                       |             |           |              |                | <b>TOTAL</b>        | <b>\$ 4,860.00</b> |

**Geological Survey**

| <u>Task</u>                          | <u>From</u> | <u>To</u> | <u>#Days</u> | <u>#People</u> | <u>Rate/day/man</u> | <u>Wages</u>       |
|--------------------------------------|-------------|-----------|--------------|----------------|---------------------|--------------------|
| Identify<br>Formation &<br>Structure | Sept 28     | Sept 29   | 2            | 4              | \$135               | \$ 1,080.00        |
| Mapping<br>Geology                   | Sept 30     | Oct 1     | 2            | 4              | \$135               | \$ 1,080.00        |
| Collect<br>Samples                   | Oct 2       | Oct 3     | 2            | 4              | \$135               | \$ 1,080.00        |
|                                      |             |           |              |                | <b>TOTAL</b>        | <b>\$ 3,240.00</b> |

**Equipment Rentals**

| <u>Equipment</u>                 | <u>From</u> | <u>To</u> | <u>#Months</u> | <u>Rate/month</u> | <u>Costs</u>        |                    |
|----------------------------------|-------------|-----------|----------------|-------------------|---------------------|--------------------|
| 1/2" X-ray drill<br>(packsack)   | Sept 8      | Oct 5     | one            | \$400             | \$ 400.00           |                    |
| One 1/2 Ton<br>Pickup Truck      | Sept 8      | Oct 5     | one            | \$500             | \$ 500.00           |                    |
| One 3/4 Ton<br>4x4 Truck         | Sept 8      | Oct 5     | one            | \$700             | \$ 700.00           |                    |
| Backhoe<br>Rubber mounted        | Sept 17     | Sept 18   | 22 hrs.        | \$50/hr           | \$ 1,100.00         |                    |
| Chain saw                        | Sept 8      | Oct 5     | one            | \$155             | \$ 155.00           |                    |
| Maintenance &<br>Fuel for Trucks | Sept 8      | Oct 5     | one            | \$435             | \$ 435.00           |                    |
| 2 (Two)<br>Camp Trailers         | Sept 8      | Oct 5     | one            | \$600             | \$ 600.00           |                    |
|                                  |             |           | <u># Days</u>  | <u>#People</u>    | <u>Rate/day/man</u> |                    |
| Demobilize<br>Camp               | Oct 4       | Oct 5     | 2              | 4                 | \$135               | \$ 1,080.00        |
|                                  |             |           |                |                   | <b>TOTAL</b>        | <b>\$ 4,970.00</b> |

**Analyses**

|  | <u>Costs</u>       |
|--|--------------------|
| 78 rock, soil and sludge samples analyzed for<br>"Au", Ag, Cu, Pb, Zn, Mo, WO <sub>3</sub><br>@ \$20.00/sample | \$1,560.00         |
| <b>TOTAL</b>   | <b>\$ 1,560.00</b> |


**Technical Work**

|   | <u>Costs</u>       |
|---|--------------------|
| Compilation of data and preparation<br>of report:   | \$1,240.00         |
| Consultant:<br>Peter B. Read<br>Geotex Consultants Ltd.<br>#1200 - 100 W. Pender Street<br>Vancouver, B.C., V6B 1R8 | <u>\$ 645.00</u>   |
| <b>TOTAL</b>  | <b>\$ 1,885.00</b> |
| Work done was to the Value of Total<br>(On B-D-J Group #three)  | <u>\$25,695.00</u> |

### STATEMENT OF QUALIFICATIONS

I, Wm. J. (Bill) Farney of 1203 Ranchview Road N.W., Calgary, Alberta, T3G 2B6 do hereby certify that:

1. I am a graduate of the Sydney Australia; University of New South Wales, with a degree in Geology, 1949.
2. I have engaged in mining exploration in Australia, Argentina, Mexico, Arizona, Nevada, Yukon Territory, Northwest Territories, Alberta, Saskatchewan, Manitoba, and British Columbia.
3. During these thirty-six years I have usually worked as an independent prospector and mineral property developer, and such is the case in this instance.
4. The field program referred to in this report was designed and supervised by myself, Wm. J. (Bill) Farney. However, I consulted with Mr. Peter B. Read of Geotex Consultants Ltd., #1200, 100 W. Pender Street, Vancouver, B.C., V6B 1R8; who has some familiarity with and experience in this particular area.

  
W.J. (Bill) Farney

BURLS - 10 - NUGGETS MINING LTD.  
7334 - 57 AVENUE N.W.  
CALGARY, ALBERTA



PROJECT B-D-J

\*\*\* FINAL REPORT \*\*\*

## GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE: DRILL CORE

| SAMPLE NUMBER | FIRE ASSAY |           | FIRE ASSAY |           |
|---------------|------------|-----------|------------|-----------|
|               | AU<br>PPB  | AG<br>PPM | CU<br>PPM  | FE<br>PPM |
| PH - 78       | 4.0        | <0.04     | 40.0       | <2.0      |
| PH - 79       | <2.0       | <0.04     | 13.0       | <2.0      |
| PH - 80       | 14.0       | <0.04     | 36.0       | <2.0      |
| PH - 81       | 6.0        | <0.04     | NA         | NA        |
| PH - 82       | 10.0       | <0.04     | 24.0       | <2.0      |
| PH - 83       | 2.0        | <0.04     | NA         | NA        |
| PH - 84       | 10.0       | <0.04     | 36.0       | 3.0       |
| PH - 85       | 4.0        | <0.04     | NA         | NA        |
| PH - 86       | <2.0       | <0.04     | NA         | NA        |
| PH - 87       | 6.0        | <0.04     | 13.0       | 3.0       |
| PH - 88       | 8.0        | <0.04     | 52.0       | 24.0      |
| PH - 89       | 6.0        | <0.04     | 8.0        | <2.0      |
| PH - 90       | 4.0        | <0.04     | 47.0       | <2.0      |
| PH - 91       | 2.0        | <0.04     | NA         | NA        |
| PH - 92       | 6.0        | <0.04     | NA         | NA        |
| PH - 93       | 6.0        | <0.04     | NA         | NA        |
| PH - 94       | 4.0        | <0.04     | 14.0       | <3.0      |
| PH - 95       | 10.0       | <0.04     | NA         | NA        |
| PH - 96       | 14.0       | 0.04      | 160.0      | 28.0      |
| PH - 97       | 12.0       | 0.15      | 50.0       | 95.0      |
| PH - 98       | 13.0       | <0.04     | NA         | NA        |
| PH - 99       | 10.0       | <0.04     | 91.0       | <2.0      |

 These reports are keyed to  
 Drawing, Fig. # 5A. with  
 these two symbols

3'-8' prospect Holes (PH)  
 1/2" core - packsack drill



4200B - 10 STREET N E  
 CALGARY ALBERTA  
 T2E 6K3  
 PHONE (403) 250-1901

AUTHORITY: DENNIS SPEWELL

BURLS-TO-NUGGETS MINING LTD.  
 7334 - 27 AVENUE N.W.  
 CALGARY, ALBERTA

SECTION: B-D-J

FINAL REPORT

GEOCHEMICAL LABORATORY REPORT

SAMPLE TYPE: DRILL CORE

| SAMPLE NUMBER | ZN<br>PPM |
|---------------|-----------|
| PH- 78        |           |
| PH- 79        | 5.0       |
| PH- 80        | 57.0      |
| PH- 81        | 52.0      |
| PH- 82        | NA        |
| PH- 83        | 31.0      |
| PH- 84        | NA        |
| PH- 85        | 61.0      |
| PH- 86        | NA        |
| PH- 87        | 5.0       |
| PH- 88        | 95.0      |
| PH- 89        | 123.0     |
| PH- 90        | 97.0      |
| PH- 91        | NA        |
| PH- 92        | NA        |
| PH- 93        | NA        |
| PH- 94        | 104.0     |
| PH- 95        | NA        |
| PH- 96        | 180.0     |
| PH- 97        | 68.0      |
| PH- 98        | NA        |
| PH- 99        | 90.0      |

*3' to 8' prospect Holes  
 1/2" core - part sink prospect  
 drill*





4200B - 10 STREET N.E.  
 CALGARY, ALBERTA  
 T2E 6K3  
 PHONE (403) 250-1901

AUTHORITY: MEMBERSHIP

FORM: 1-1-1  
 DATE: 1-1-1

BURLS-TO-NUGGETS MINING LTD.  
 7334 - 37 AVENUE N.W.  
 CALGARY, ALBERTA

PROJECT: B-D-J

FORM ORDER: 5032D-56

\*\*\* FINAL REPORT \*\*\*

**GEOCHEMICAL LABORATORY REPORT**

SAMPLE TYPE: DRILL CORE

|               |           |
|---------------|-----------|
| SAMPLE NUMBER | AS<br>PPM |
| PH-94         | 1.2       |

SAMPLE TYPE: ROCK

|      | AU<br>PPM | AS<br>PPM | PB<br>PPM | CU<br>PPM |
|------|-----------|-----------|-----------|-----------|
| 1431 | NA        | 0.08      | 8.0       | NA        |
| 1432 | NA        | 0.18      | 24.0      | 8.0       |
| 1433 | <2.0      | 0.16      | 1.0       | NA        |
| 1434 | <2.0      | 0.07      | 8.0       | 30.0      |
| 1435 | <2.0      | NA        | NA        | NA        |

SAMPLE TYPE: ROCK

|      | MO<br>PPM | W<br>PPM |
|------|-----------|----------|
| 1436 | NA        | NA       |
| 1437 | NA        | NA       |
| 1438 | NA        | NA       |
| 1439 | NA        | NA       |
| 1440 | <1.0      | <4.0     |

PAGE: 1 OF 1  
COPY: 1 OF 1

MR. DENIS BEEWALL  
2014 100th Street NW  
Calgary Alberta

**B-D-J**

WORK ORDER: 8-13-87

\*\*\* FINAL REPORT \*\*\*

**GEOCHEMICAL LABORATORY REPORT**

SAMPLE TYPE: ROCK

| SAMPLE NO. | DEPTH   | ASSAY        | ASSAY        | AS  | CU   |
|------------|---------|--------------|--------------|-----|------|
|            |         | BIPO PERCENT | BIPO PERCENT |     |      |
|            |         | AU<br>PPB    | AG<br>PPM    | PPM | PPM  |
| 1441       |         | <2.0         | <0.02        | 2.0 | 33.0 |
| 1442       | TOP     | <2.0         | 0.13         | 7.0 | NA   |
| 1443       | -BOTTOM | <2.0         | 0.07         | 2.0 | NA   |

SAMPLE TYPE: ROCK

| SAMPLE NO. | ZN    | ZR   |
|------------|-------|------|
|            | PPM   | PPM  |
| 1440       | 204.0 | 15.0 |
| 1441       | 81.0  | 30.0 |
| 1442       | 69.0  | 11.0 |
| 1443       | 25.0  | 20.0 |

SAMPLE TYPE: ROCK

| SAMPLE NO. | NI   | PB   | ZR   | W    |
|------------|------|------|------|------|
|            | PPM  | PPM  | PPM  | PPM  |
| 1444       | 32.0 | <5.0 | 7.0  | 13.0 |
| 1445       | 19.0 | <5.0 | 10.0 | 8.0  |
| 1446       | 21.0 | <5.0 | 9.0  | 7.0  |
| 1447       | 28.0 | <5.0 | <1.0 | 10.0 |

SAMPLE TYPE: ROCK

| SAMPLE NO. | NI   | PB   | ZR   | W    |
|------------|------|------|------|------|
|            | PPM  | PPM  | PPM  | PPM  |
| 1448       | 12.0 | 23.0 | 7.0  | 9.0  |
| 1449       | 34.0 | 10.0 | 72.0 | 35.0 |
| 1450       | <1.0 | 9.0  | 6.0  | 10.0 |



4200B - 10 STREET N E  
CALGARY, ALBERTA  
T2E 6K3  
PHONE (403) 250-1901

FAX: (403) 250-1901  
COPY: 1.00 0

AUTHORITY: D. STEWART

MR. DENIS STEWART  
4618 - 85 STREET N.W.  
CALGARY, ALBERTA T2E 2P7

WORK ORDER: 8881-88

APPROXIMATE REPORT

### GEOCHEMICAL LABORATORY REPORT

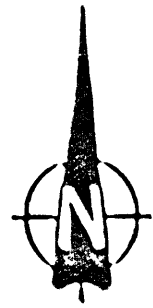
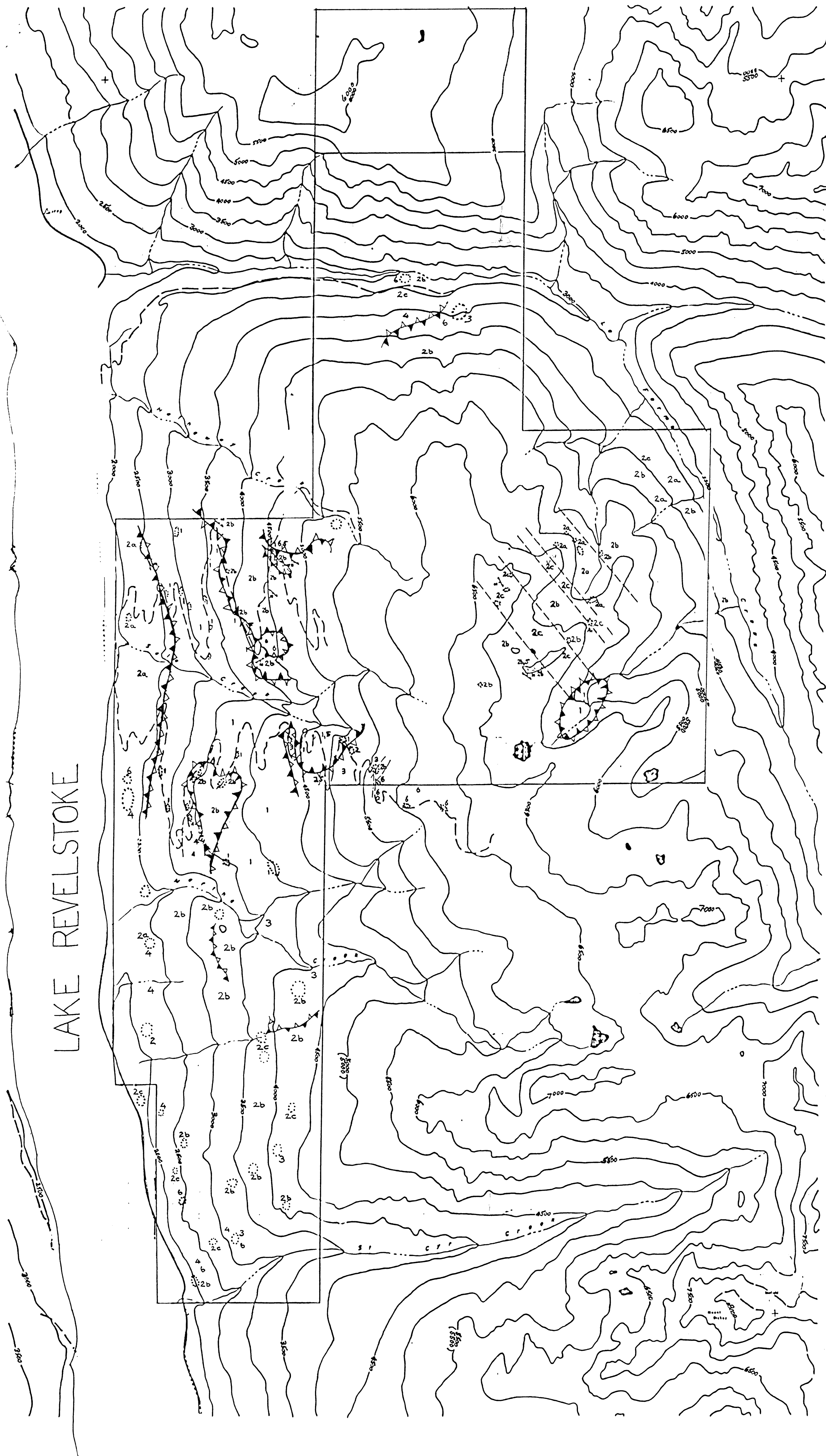
SAMPLE TYPE: ROCK

| SAMPLE NUMBER | ZN<br>PPM | SR<br>PPM |
|---------------|-----------|-----------|
| 1451          | 9.0       | <1.0      |
| 1452          | 83.0      | 4.0       |
| 1453          | 79.0      | 1.0       |

SIGNED: \_\_\_\_\_  
D. Stewart  
LABORATORY MANAGER

FOOTNOTES:  
F=QUESTIONABLE PRECISION; I=INTERFERENCE; T=TRACE; ND=NOT DETECTED;  
IS=INSUFFICIENT SAMPLE; NA=NOT ANALYZED; MS=MISSING SAMPLE

LAKE REVELSTOKE



LEGEND

Rock Types

- Jurassic - Cretaceous?
- 1 Quartz - Feldspar Biphyry; coarse grained Proterozoic
- 2 Metasedimentary Rocks
  - 2a Chlorite - Quartz Gneiss
  - 2b (Quartz) Biotite Gneiss - Schist
  - 2c Micaceous Quartzite
- 3 Myrmatic Biotite - Hornblende Granodiorite; (frequently foliated)
- 4 Granitic Gneiss
- 5 Pegmatite Dykes
- 6 Granite

Symbols

- Outcrop
- ~ Foliation
- ▲ Geological Contacts: defined, assumed
- Road

SCALE  
1:20,000



15,102

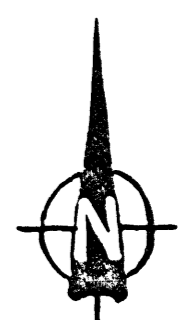
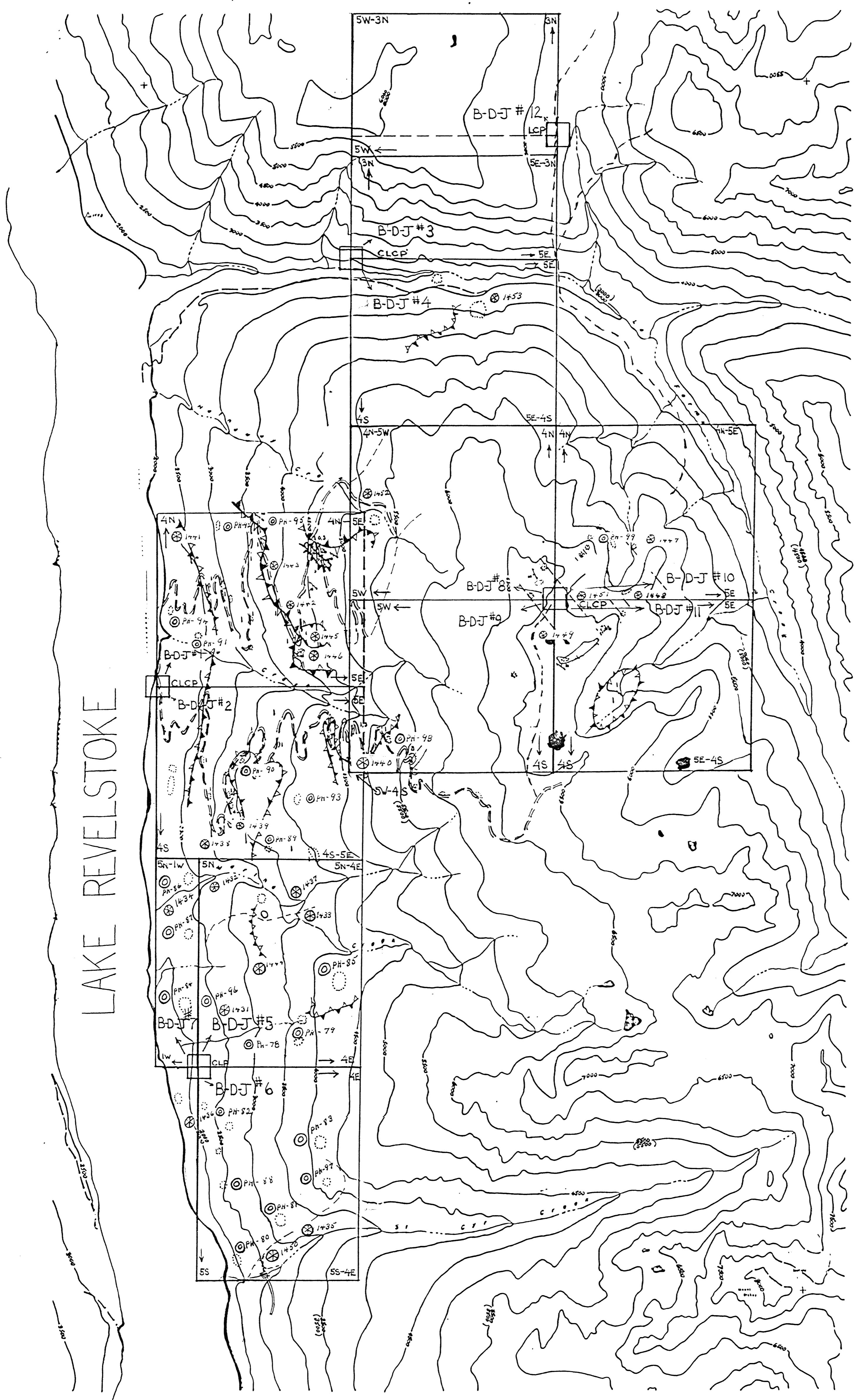
B-D-J #1-12 :PROPERTY

GEOLOGY  
(FIG. 5B)

DWG BY: B. FARNEY DATE: JAN. 1986

NTS 82 M/1E SCALE: 1:20,000  
FARNEY EXPLORATIONS

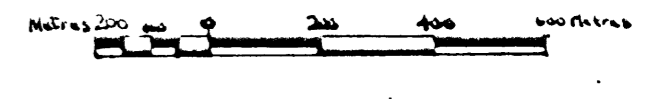
LAKE REVELSTOKE



**LEGEND**

- Rock Types**
- 1 Archaic - Gneiss?
  - 1 Quartz-feldspar Porphyry: coarse grained Proterozoic
  - 2 Metasedimentary Rocks
    - 2a Chlorite-quartz Gneiss
    - 2b (Quartz) Biotite Gneiss - Schist
    - 2c Micaceous Quartzite
  - 3 Migmatic Biotite-Hornblende Granodiorite: frequently foliated
  - 4 Granitic Gneiss
  - 5 Pegmatite Dykes
  - 6 Granite
- Symbols**
- Outcrop
  - ⊙ Prospect Hole (PH) 3" x 3" - Backpack Prospect Drill - 5' core sample
  - ⊗ Fallaen
  - ⊗ Rock, soil, silt; Assay sample number
  - Geological Contact: defined, assumed
  - Road
  - Trails
  - WATER Body

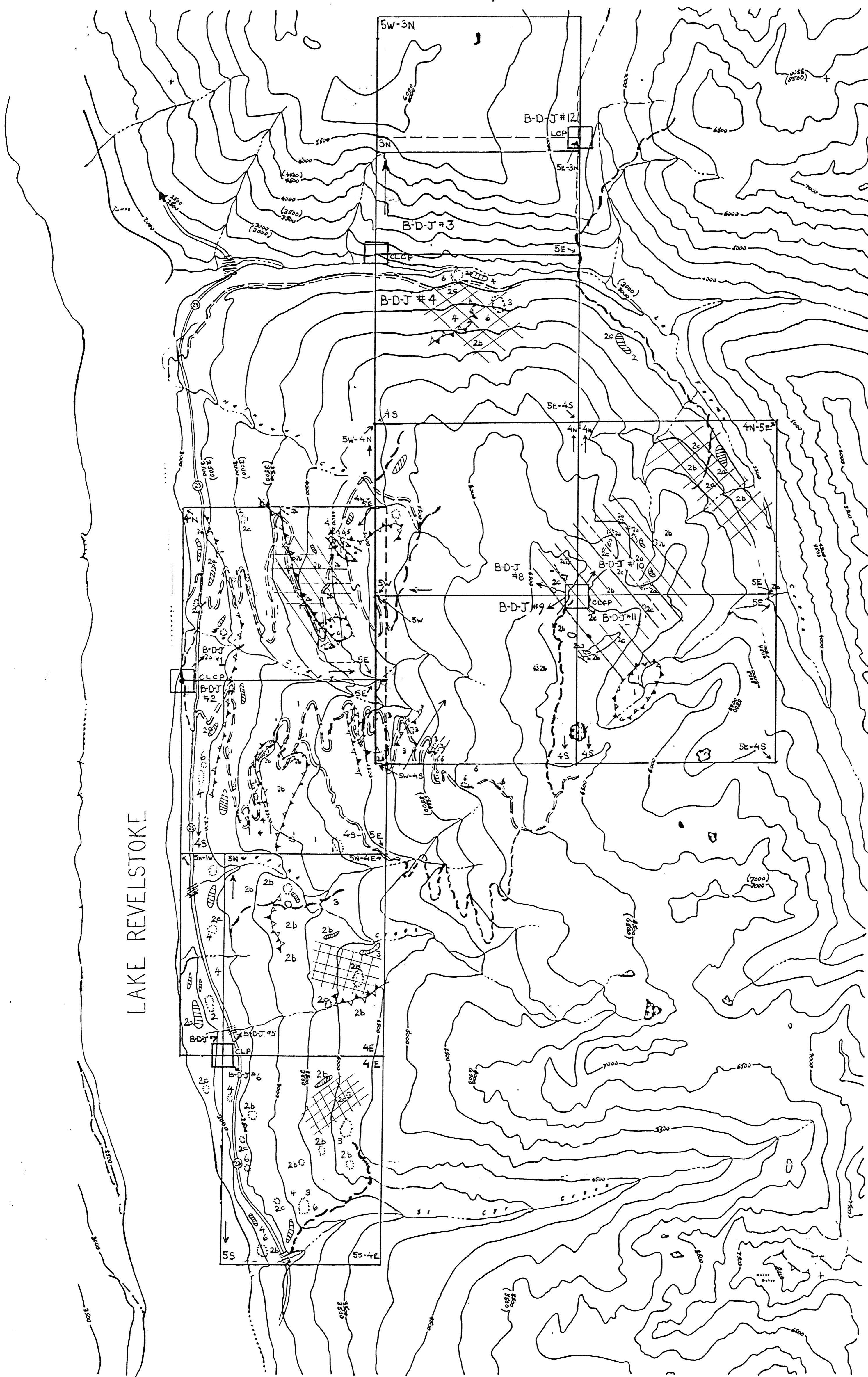
SCALE  
1:20,000



15,102

|                               |                 |
|-------------------------------|-----------------|
| *FIG.#5A B-D-J#1-12: PROPERTY |                 |
| PROSPECTING:GEOLOGY           |                 |
| DWG BY: BILL FARNEY           | DATE: JAN. 1986 |
| NTS 82 M/1E                   | SCALE: 1:20,000 |
| FARNEY EXPLORATIONS           |                 |

LAKE REVELSTOKE



LEGEND

- Rock Types**
- 1 Archaic - Cratonic?
    - Quartz-feldspar Porphyry coarse grained
    - Proterozoic
  - 2 Mesosimimentary Rocks
    - 2a Chert - Quartz Onions
    - 2b (Quartz) Biotite Gneiss - Schist
    - 2c Micaeous Quartzite
  - 3 Migmatitic Biotite - hornblende Granodiorite; frequently foliated
  - 4 Granitic Gneiss
  - 5 Pyramite Dykes
  - 6 Granite
- Symbols**
- Outcrop
  - ~ Foliation
  - ▶ Geological Contact: defined, assumed
  - Road
  - Trail
  - Hi-Way - Mica Dam
  - ▨ Trench
- SCALE  
1:20,000
- Meters 0 200 400 600 Feet

|                            |                        |
|----------------------------|------------------------|
| * FIG.#5                   | B-D-J #1-12 : PROPERTY |
| PHYSICAL : GEOLOGY<br>WORK |                        |
| DWG BY: BILL FARNEY        | DATE: JAN. 1986        |
| NTS 82 M/1 E               | SCALE: 1:20,000        |
| FARNEY EXPLORATIONS        |                        |

15/102