

REPORT ON THE  
U2 CLAIM  
GREENWOOD MINING DIVISION

By  
W. MEYER, P.ENG.

CLAIMS:

U2 [12 units]

LOCATION:

Granby River  
Latitude 49°06'  
Longitude 118°22'

DATES:

June - November 1977

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
6695  
NO. \_\_\_\_\_



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### SUMMARY & CONCLUSIONS

The U2 Claim is located along the east side of the Granby River in the Greenwood Mining Division. The claim covers three mineral showings, the most important of which is anomalous radioactivity in a sharpstone conglomerate.

Sampling by the writer in July 1977 returned assays ranging up to 1.16 lbs.  $U_3O_8$  per ton from bedrock surfaces. The claim is adjacent to other Consolidated Boundry uranium holdings currently being explored by Cassiar Asbestos Corporation.

Attempts to carry out a technical programme in 1977 were delayed seriously by the surface rights holder. Preliminary work in 1977 included reconnaissance mapping and sampling and drilling of blast holes in preparation for blasting.

CONSOLIDATED BOUNDRY EXPLORATION LTD.INTRODUCTION

The following report on the U2 Claim is prepared at the request of G. Nakade of Consolidated Boundry Exploration Ltd.

The U2 Claim comprising 12 units is located north of the city of Grand Forks, B.C. in the Greenwood Mining Division. The principal showing on the claim is a uranium occurrence in a conglomerate. Showings of copper and molybdenite also occur within the claim.

Recently, Consolidated Boundry, together with Chinook Construction & Engineering Ltd., entered into a joint venture agreement with Cassiar Asbestos Corporation for the exploration and development of much of their uranium holdings in the area. The U2 Claim was excluded from the agreement at Consolidated Boundry's request.

A programme of technical and physical work recommended to assess the uranium mineralization on the claim was interrupted by the surface rights holder.

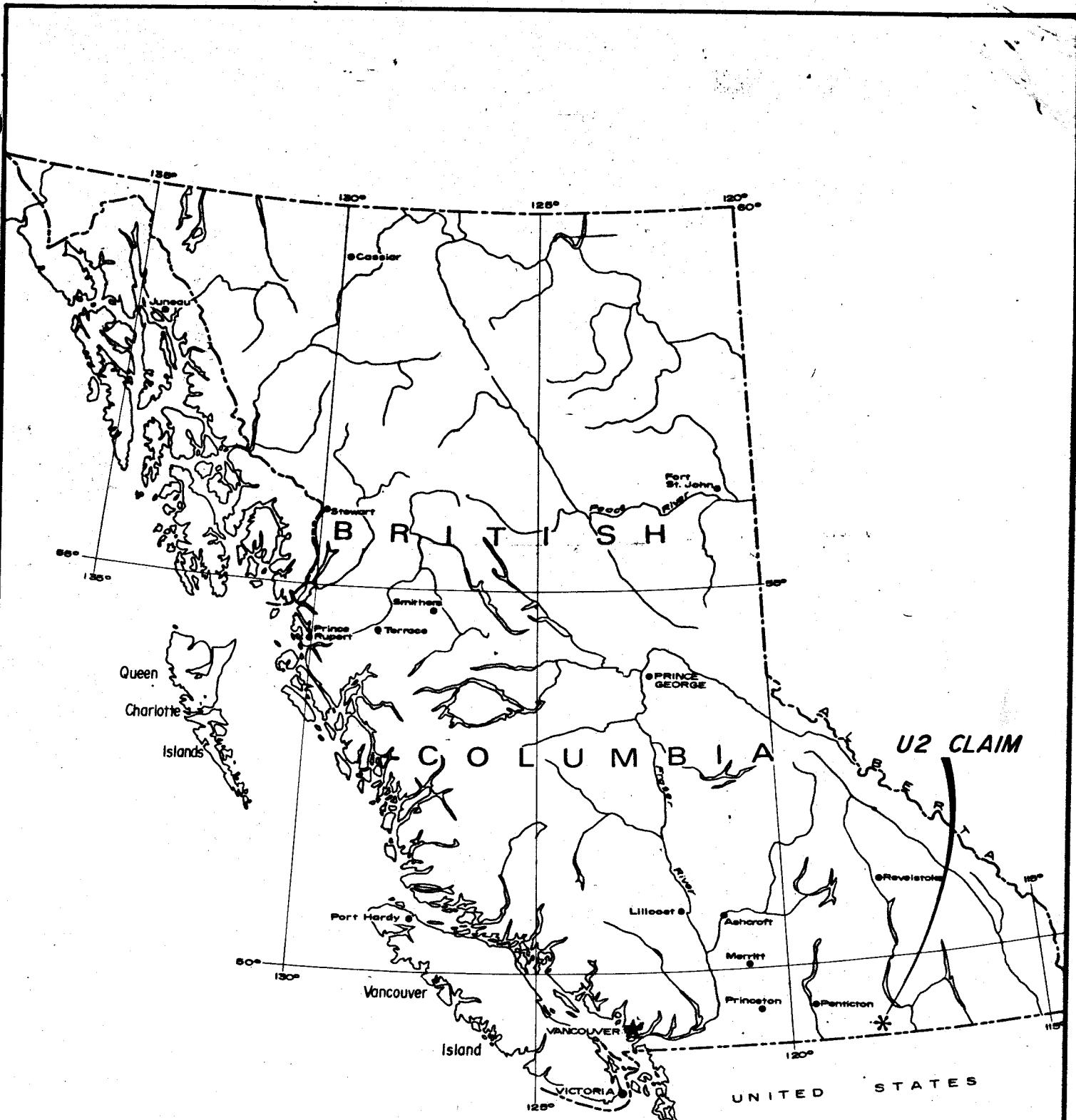
### LOCATION & ACCESS

The U2 Claim is located on the east side of the Granby River approximately six miles north of the city of Grand Forks, B.C. in the Greenwood Mining Division. The claims are centered around Latitude  $49^{\circ} 06' N$  and Longitude  $118^{\circ} 22' W$ .

Access from Vancouver is via Highway No. 3 to Grand Forks, a distance of approximately 350 miles [see Figure 1]. Alternately, Grand Forks can be reached by scheduled PWA flights to Penticton or Castlegar and then by local carrier to the city airport.

The U2 claim is reached from the city by six miles of paved road north along the east side of the Granby River. The paved road, a transmission line and the Granby River pass through the claim. Grand Forks is an adequate supply center for the area providing many services to the mineral exploration industry.

The claim area is characterized by sparsely timbered to open rolling hills. The use of the land on the claim area is for cattle grazing.



CONSOLIDATED BOUNDARY  
EXPLORATIONS LTD.

U2 CLAIM  
LOCATION MAP

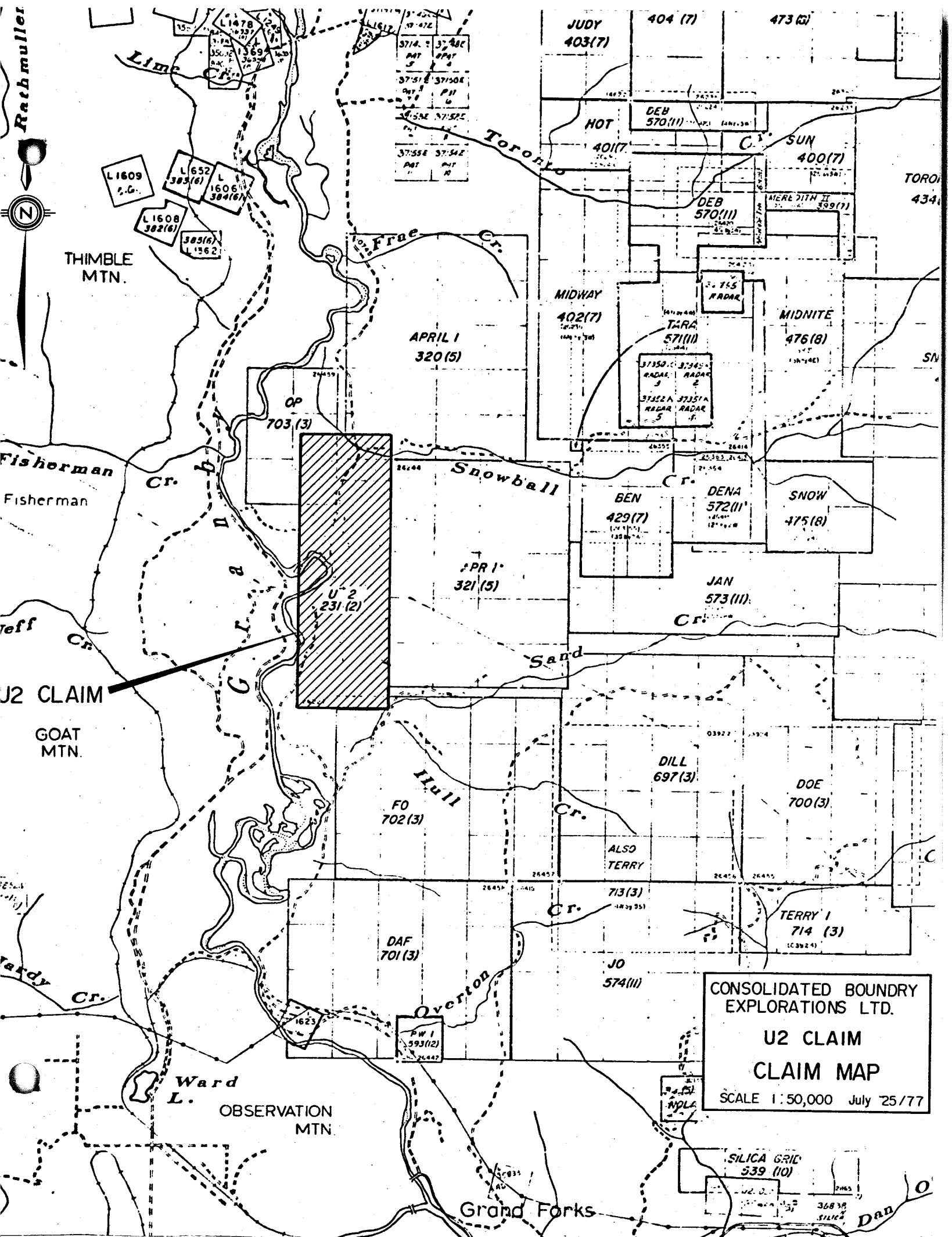
Miles 100 50 0 100 200 Miles

CLAIMS

The U2 Claim consists of 12 metric units within the Greenwood Mining Division [Figure 2].

The pertinent claim data is shown below:

<u>Claim</u>	<u>Record Number</u>	<u>Expiry Date</u>
U2	231[2]	February 25, 1978.





## HISTORY

Grand Forks, once a thriving smelter town processing ore from the Phoenix camp, has had a long history of mining dating back to the 19th century. The principal products were copper, gold and silver and the principal camps were Phoenix, Deadwood, Union and Franklyn. Today, only the Phoenix Mine continues to operate.

In recent years a number of uranium occurrences have been identified in the Grand Forks area, primarily in the Snowball Creek area. Over the past few years, Consolidated Boundry Explorations has staked, optioned or entered into joint venture agreements on most of the better known occurrences. In June 1977, Consolidated Boundry, with joint venture partner Chinook Construction & Engineering Ltd., entered into an option agreement with Cassiar Asbestos Corporation for exploration and development of uranium prospects in the Snowball Creek area.

The U2 Claim was excluded from the agreements with both Chinook and Cassiar Asbestos.

Previous work on the U2 Claim included prospecting and trenching of radioactive occurrences in a sharpstone conglomerate. It is these showings which

are of current interest.

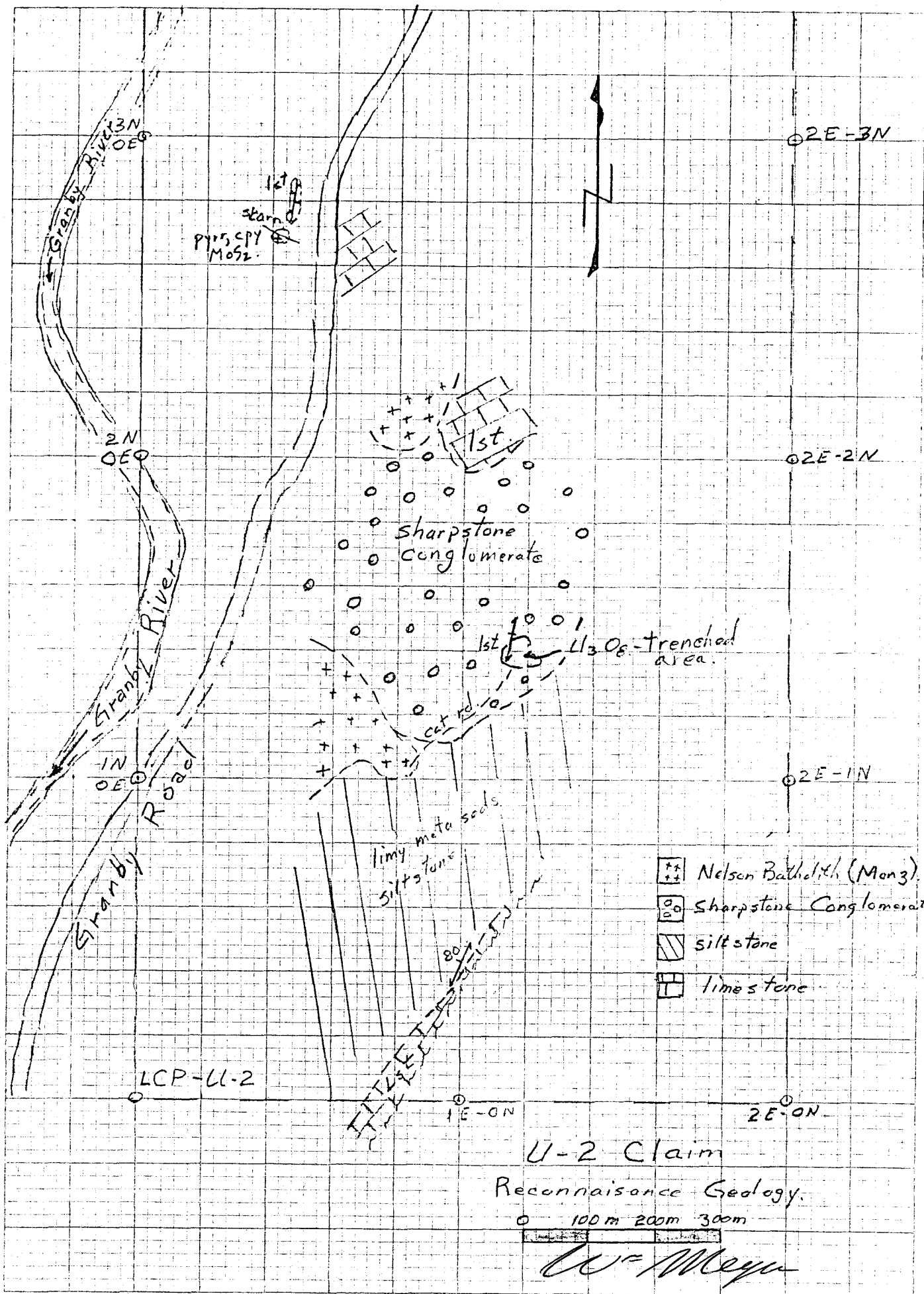
A copper occurrence in a skarn zone near the Granby River had previously been developed by an adit. The underground workings, at least fifty years old, are now caved.

## GEOLOGY & MINERALIZATION

The claim area is underlain by crystalline limestones, cherts and greywacke of the Paleozoic Anarchist Group. The sediments are intruded by numerous dykes of medium to coarse-grained Nelson granodiorite. The main mass of Nelson Intrusions lies to the east of the claim [ref: GSC Map 6-1957-Kettle River East Half].

On a high knoll in the central claim area, limestones are in contact with a cherty fragmental rock identified as sharpstone conglomerate. This unit is sheared north to northwest parallel to the Granby River fault.

Anomalous radioactivity occurs in both the rocks of the Nelson Batholith and the Sharpstone Conglomerate. The showings of interest occur erratically through the cherty conglomerate on a high knoll in the central claim area where the thin veneer of overburden has been removed by bulldozer stripping. Samples were taken which represent varying degrees of radioactivity from background values to definitely anomalous values. The results are shown below:



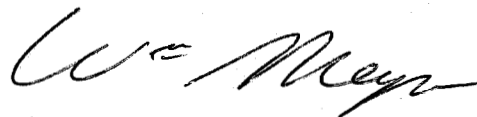
<u>Sample No.</u>	<u>% U<sub>3</sub>O<sub>8</sub></u>	<u>Lbs. U<sub>3</sub>O<sub>8</sub>/ton</u>	<u>Remarks</u>
1336	0.002	0.04	Background
1335	0.009	0.18	Weak radioactivity
1337	0.021	0.42	Moderate radioactivity
1334	0.036	0.72	-

An additional moderately radioactive sample returned a value of 0.058% U<sub>3</sub>O<sub>8</sub> or 1.16 lbs./ton.

All samples were from bedrock surfaces exposed by bulldozer trenching.

Other showings on the claim include a copper, gold, silver occurrence in a skarn zone in limestone adjacent to a granitic dyke and a molybdenite showing. A 5 foot chip sample in massive sulphides in the skarn returned an assay of 0.18% Cu with minor gold-silver.

Respectfully submitted,



W. Meyer, P.Eng.

Vancouver, B.C.,  
March 9, 1978

APPENDIX

PERSONNEL AND DATES

<u>Name</u>	<u>Dates of Work</u>	<u>Days</u>
W. Meyer	July - December 1977	4 days
L. Sostad	November 6, 1977	1 day
A. DeBrock	November 6, 1977	1 day

AFFIDAVIT RE COST OF SURVEY

I, William Meyer, do solemnly declare that the technical work done on the U2 claim by staff of W. Meyer & Associates was carried out on a property related cost of at least \$600.00. Additional physical work consisting primarily of drilling blast holes and cleaning out trenches was completed by staff of Consolidated Boundry Explorations Ltd. for a cost of at least \$600.00. [Total costs \$1,200.00].

I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of the "Canada Evidence Act".

DECLARED before me at the  
City of Vancouver, in the  
Province of British Colum-  
Bia, this 10 day of  
March, A.D. 1978.

W. Meyer

Jill Suran  
SUB-RECORDER



C E R T I F I C A T E

I, William Meyer, do hereby certify that:

1. I am a geologist with residence at 911 Jarvis Street, Coquitlam, B.C.
2. I am a graduate of the University of British Columbia [B.Sc., 1962].
3. I am a registered member of the Association of Professional Engineers of the Province of British Columbia.
4. I have worked as an exploration geologist for fourteen years for the following companies: Phelps Dodge Corporation of Canada Ltd., Gibraltar Mines Ltd., Associated Geological Services Ltd., Western Geological Services Ltd. [senior partner].

I am presently a senior partner in W. Meyer & Associates Ltd.

DATED at Vancouver, B.C., this 9th day of March, 1978.

  
W. Meyer, P. Eng.