

83-#19 - #11029.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

11,029

PROSPECTING

AND

MAPPING

ON THE

"JUNE EXTENSION"

REVERTED CROWN GRANT

L O T # 1601

NEW WESTMINSTER MINING DIVISION

BRITISH COLUMBIA

N.T.S.	92 H / 6W
Latitude	40 ⁰ 21.5 ' N
Longitude	121 ⁰ 28.5' W

BY

DOUGLAS A. PERKINS, B. Sc Geol.

for

**GEORGE CLIFFORD PEARCE and
STANLEY CHARLES McCONKEY, Joint Owners of
Reverted Crown Grant Lot # 1601**

January, 1983

**(Field work completed during the period
of December 11th and 12th, 1982)**

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PROSPECTING AND MAPPING ON THE
JUNE EXTENSION

REVERTED CROWN GRANT # 1601

INTRODUCTION AND HISTORY

The "June Extension" mining claims were located on May 21st, 1937 and recorded on June 8th, 1937. On May 23rd, 1940, HARRY R. FULLERTON obtained the Crown Grant with undersurface rights (except coal, petroleum and natural gas rights which were held by the Crown).

The undersurface rights were held for the entire 40.03 acres (approximately 17.01 Hectares). JOHN OAKES SMITHSON and MAUDE MURIAL SMITHSON obtained the surface grant on October 31st, 1944 for the Crown Grant, West of Silver Creek. This area was held in part by Timber Berth 554. The Crown Grant undersurface rights were taxed at \$10.55 a year but reverted back to the Crown on May 23rd, 1976.

There were several different owners of the "June Extension" when it was a Crown Grant, the last being MORGAN BARLETT HEMHELL of California, one of the United States of America.

After the Land Status changed to a "Reverted Crown Grant", the "June Extension" has been held by DOUGLAS BLOOMFIELD (May 10th, 1977), BRUCE ALLEN COCKRAIN (August 21st, 1979), JOHN BROWN, (January 27th, 1981), KEVIN TIMMS (February 20th, 1982 and the present Owners, GEORGE CLIFFORD PEARCE, of 9440 Westminster Highway, Richmond, British Columbia and STANLEY CHARLES McCONKEY, of North Foot of Ewen Avenue, New Westminster, British Columbia, obtained the "June Extension" on September 14th, 1982.

Introduction and History continued

Mr. Pearce and Mr. McConkey employed the services of DOUGLAS ALEXANDER PERKINS, to assess the mineral potential of the "June Extension".

The Author, Mr. Perkins, researched the History of the subject claim and spent two (2) days on the subject property with an Assistant.

The entire property was traversed and the nearby Aufeas property was inspected to discern any similarities between the two, and the possible extension of Aufeas stratigraphy and mineralization.

LOCATION AND ACCESS:

The "June Extension", Reverted Crown Grant (R.C.G.) Lot # 1601, is located in the New Westminster Mining District at Latitude $49^{\circ} 21.5'$ North and Longitude $121^{\circ} 28.5'$ West.

R.C.G. Lot # 1601 is in the Yale Land District and the Kamloops Land Registry.

Access is via the Transprovincial Highway Number One, approximately two Kilometers West of Hope.

The Silver Lake Road bisects the property and Old Yale Road gives access to the portion of the Lot East of Silverhope Creek.

All roads are paved and suitable for passenger automobiles.

G E O L O G Y :

The "June Extension" occurs in plutonic rocks of the Cascade Range. The mountains in the Cascade Range were created during the late Tertiary or early Pleistocene times, and were mainly limited to uplifts and some volcanic deposition.

This movement is generally referred to as the "Cascadian Orogeny" which is equivalent to late Laramide.

The rocks observed on the property were uniformly QUARTZ DIORITE with the exception of one location where there are some more mafic and acidic pods. These pods are probably related to later minor quartz veining and subsequent sweats and differentiation.

The nearest deposit is situated one and a half (1½) kilometers South-West on Wardle Creek. This deposit is known as AUFÉAS or sometimes Jumbo, Cam, Ram, AL and "A" vein.

The Aufeas as situated is sheared Quartz Diorite and is primarily auriferous Arsenopyrite with Calcopyrite.

The deposit appears to be on a major fault linament which Wardle Creek has eroded. One shaft entrance was covered by a slide in the Spring of 1982 although minor trenching later in the summer of 1982 downstream from the minesite has exposed a minor shear zone.

In the four (4) years that the Aufeas was worked 419 tons of ore was milled with 11,353 gms. gold, 12,192 gms. silver and 2,683 kgs. copper.

The flater bottom lands that over eighty (80%) per cent of the "June Extension" covers has apparently been worked for placer gold and silver. No records of "placer" production are available but the remnants of many vertical shafts are visible on the East side of Silver Creek. Several pits on the West side have also been excavated, apparently as a "placer" test.

PROSPECTING AND MAPPING PROGRAM:

Information about the "June Extension" and its mineral potential and history is difficult to obtain.

Crown Grants do not have to report geological work as mineral claims are required to submit. The Author was not able to obtain any information regarding the "June Extension" when it was a Crown Grant other than Ownership.

There has not been an Assessment Report filed on "Reverted Crown Grant Lot # 1601" that has any geological information.

As information was lacking on this property, the Author was contacted to research, prospect and map the "June Extension". The Author could not find any data pertaining to showings or production of minerals on the property.

On December 11th, 1982, the Author, DOUGLAS A. PERKINS, and G. STURK, commenced field examination of the "June Extension". The original Crown Grant survey data was used to flag the intersection of the North and South Boundaries and Silver Creek Road. Old Yale Road was used as a Landmark as no copper survey markers were found.

Several old and collapsed vertical holes and crosscuts were found on the East side of Silver Creek. These shafts were in ^{aluvium}aluminium and, undoubtedly, used in the search for placer gold and silver.

On the same day, the old Aúfeas Mine area was examined for similarities to the "June Extension".

On December 12th, 1982, several local Prospectors were contacted with regards to information about the "June Extension".

The cliff area on the West side of the Grant was also prospected and mapped.

PROSPECTING AND MAPPING PROGRAM CONTINUED:

The rocks exposed on the West side of the property are *QUARTZ DIORITE* with one (1) 50 metre square exception.

This exception is a network of quartz veining and/or swaths in the *QUARTZ DIORITE*.

Such veins appear as thin discontinuous pods of plagioclase rich pegmatite. These appear to be differentiation of original material rather than influx of new material.

CONCLUSIONS AND RECOMMENDATIONS:

The "June Extension" is in an area of known production of mineral wealth. The fluvial flatlands have been tested for place minerals in the past but apparently not systematically.

The sharp delineation of resistant quartz diorite cliffs at the Western edge of the property may have been caused by a fault.

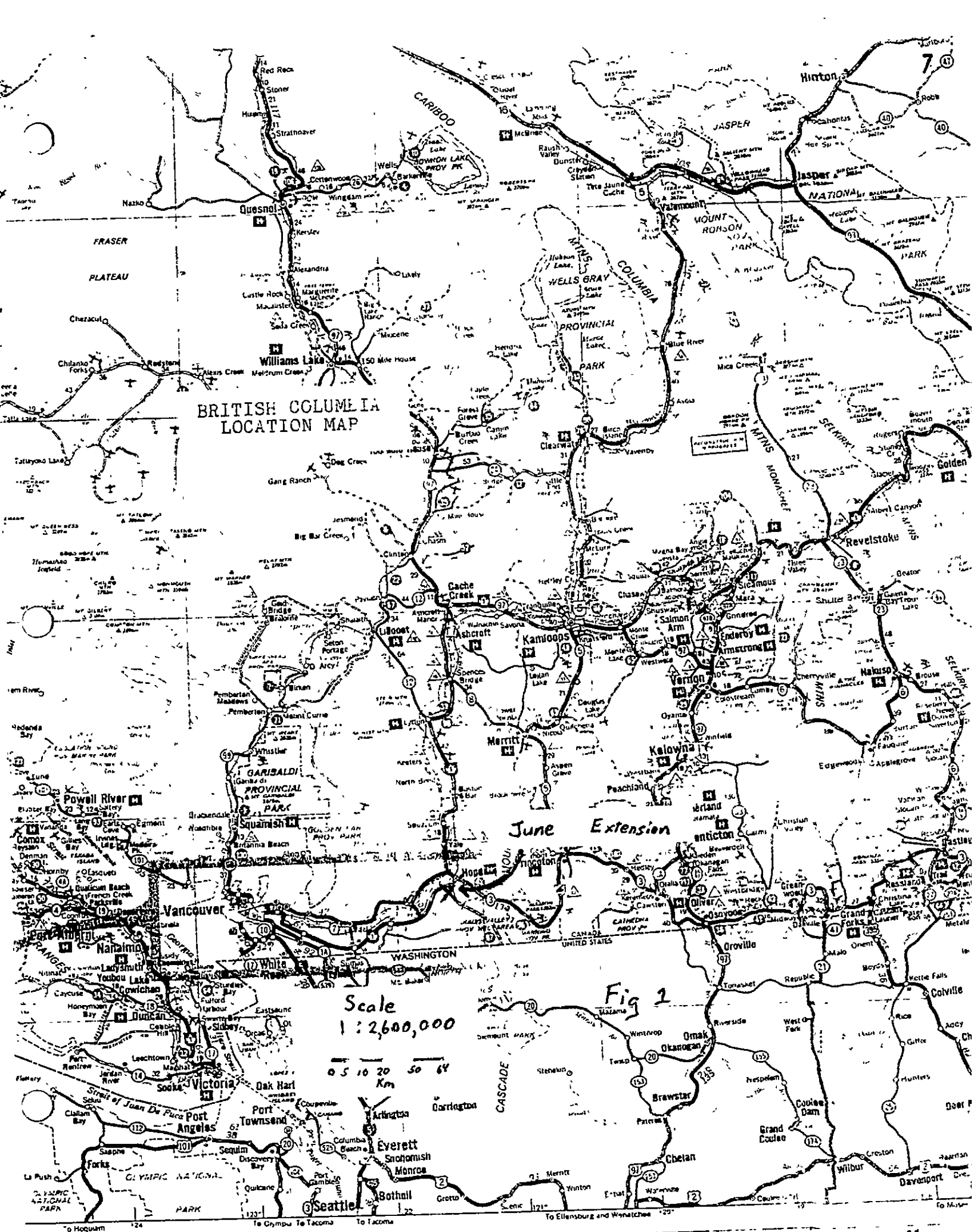
Any surface indication of such a fault has been eroded or covered by overburden.

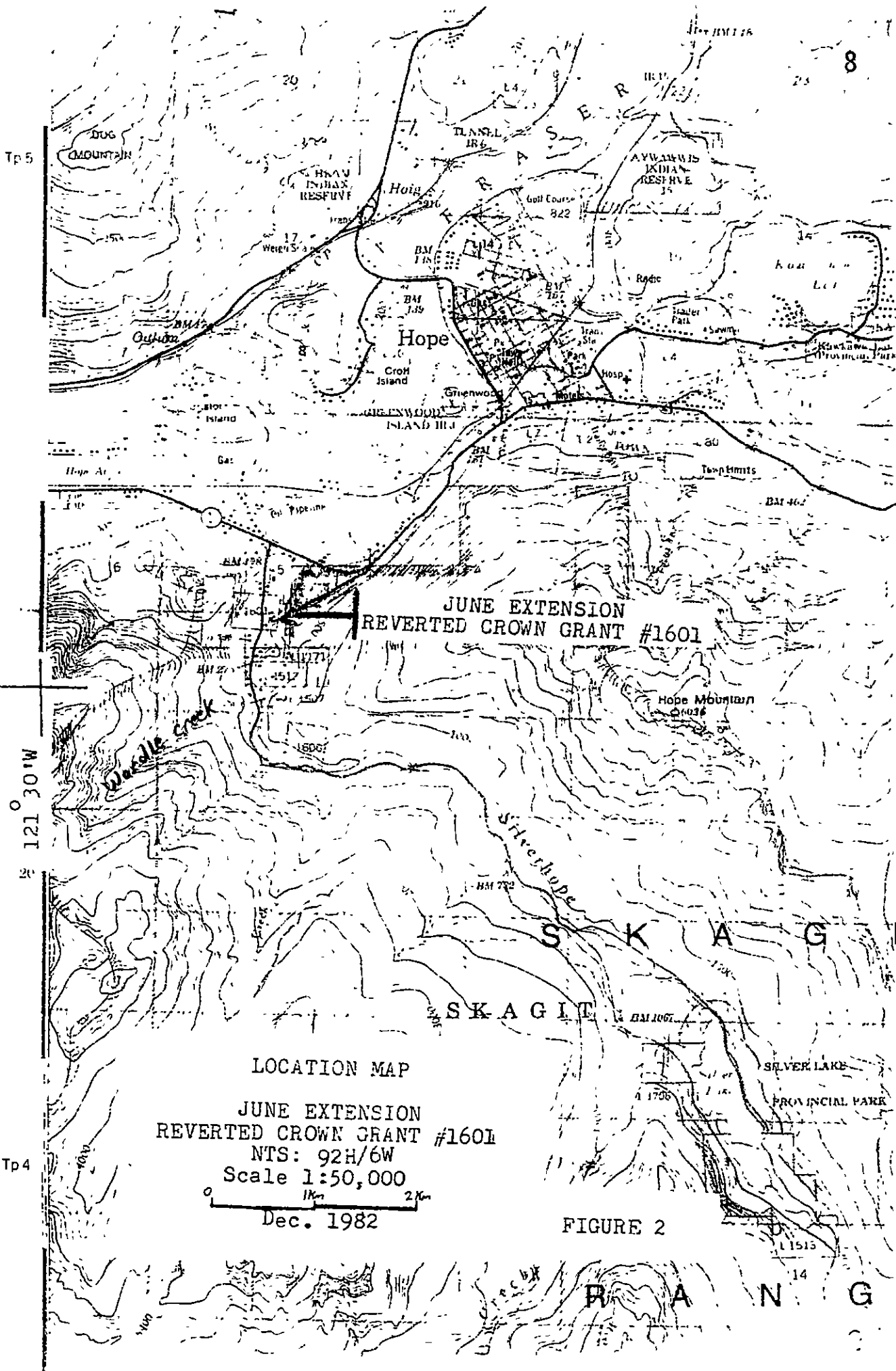
Determining the depth of the overburden of the flatter parts of the "June Extension" with a Hammer Seismic Survey would be very beneficial

One immediate application of this survey would be to determine the presence of a paleostream channel to sample for fluvial concentration of gold and silver. The gold and silver may have come from the erosion of the orebody that the Aufeas property was ^{mined} ~~mining~~ on Wardle Creek.

The other information that a Hammer Seismic Survey would give is the depth of penetration need for an Induced Polarization (I.P.) Survey. An I.P. Survey may delineate the dip, direction and the mineralization present in the structural features that the Aufeas Mine is situated on.

This fault system may show an extension on to the "June Extension" Reverted Crown Grant Lot # 1601, that is now covered by fluvial overburden.





49° 21' N

121° 30' W

LOCATION MAP
 JUNE EXTENSION
 REVERTED CROWN GRANT #1601
 NTS: 92H/6W
 Scale 1:50,000
 Dec. 1982

FIGURE 2

Tp 5

Tp 4

8

14

CHROME M.C.
Located April 7, 1937
Recorded April 22

JUNE EXTENSION M.C.
L1601.
400 A.
Located May 21, 1937
Recorded June 8, 1937

JUNE M.C.
Located: May 8, 1937.
Recorded May 21, 1937.

To No 2 Post
CHROME M.C.
58°15'W 1194.4
58°15'W 1194.4



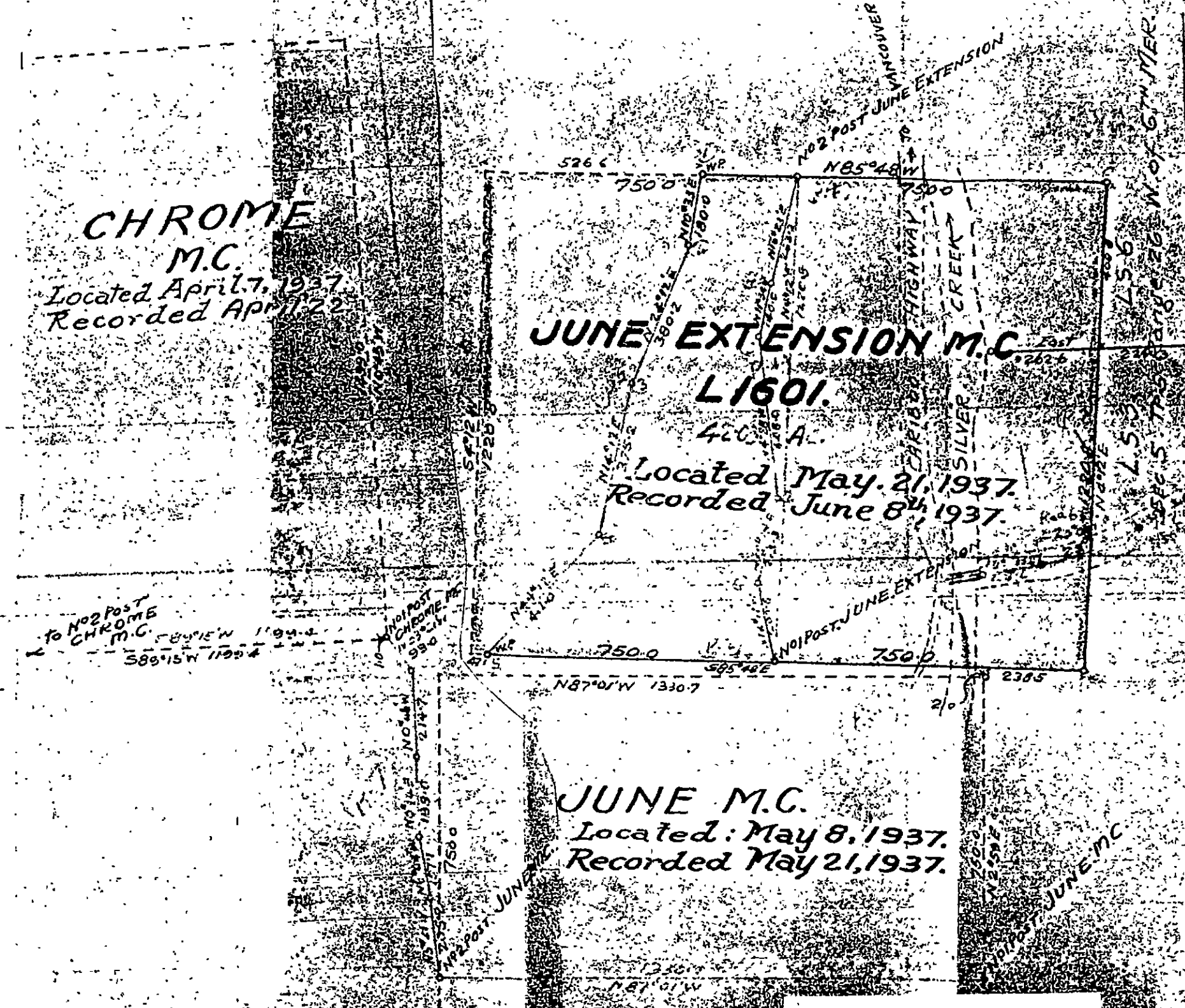
Scale: 300 Feet = 1 Inch

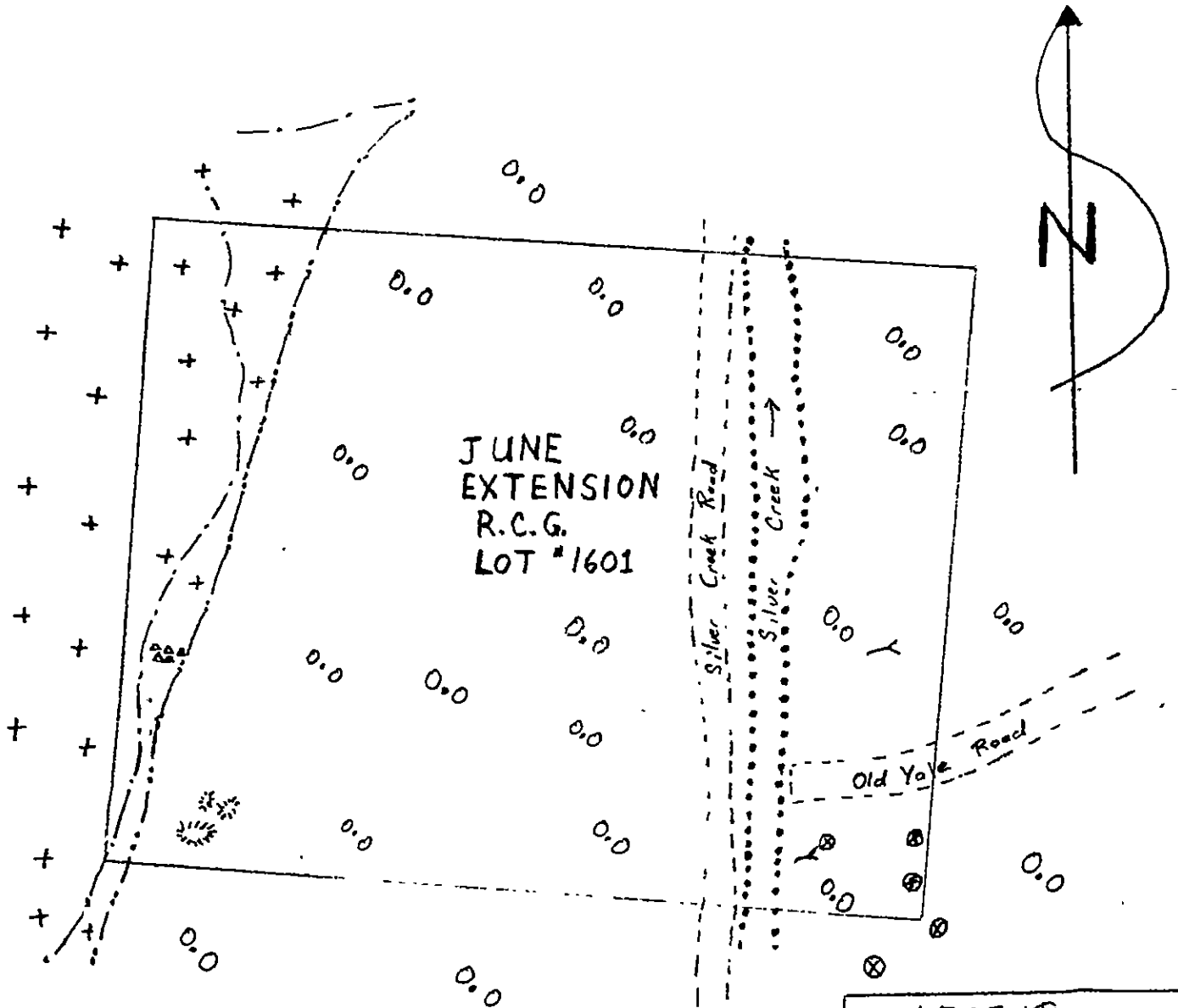
W
Frank Rice

MAP OF ORIGINAL SURVEY
THIS WAS USED FOR
CROWN GRANT STATUS

Scale 1:3,600

Map No.





JUNE EXTENSION

REVERTED CROWN GRANT
LOT #1601

GEOLOGICAL AND PROSPECTING MAP

Scale 1 : 3,600

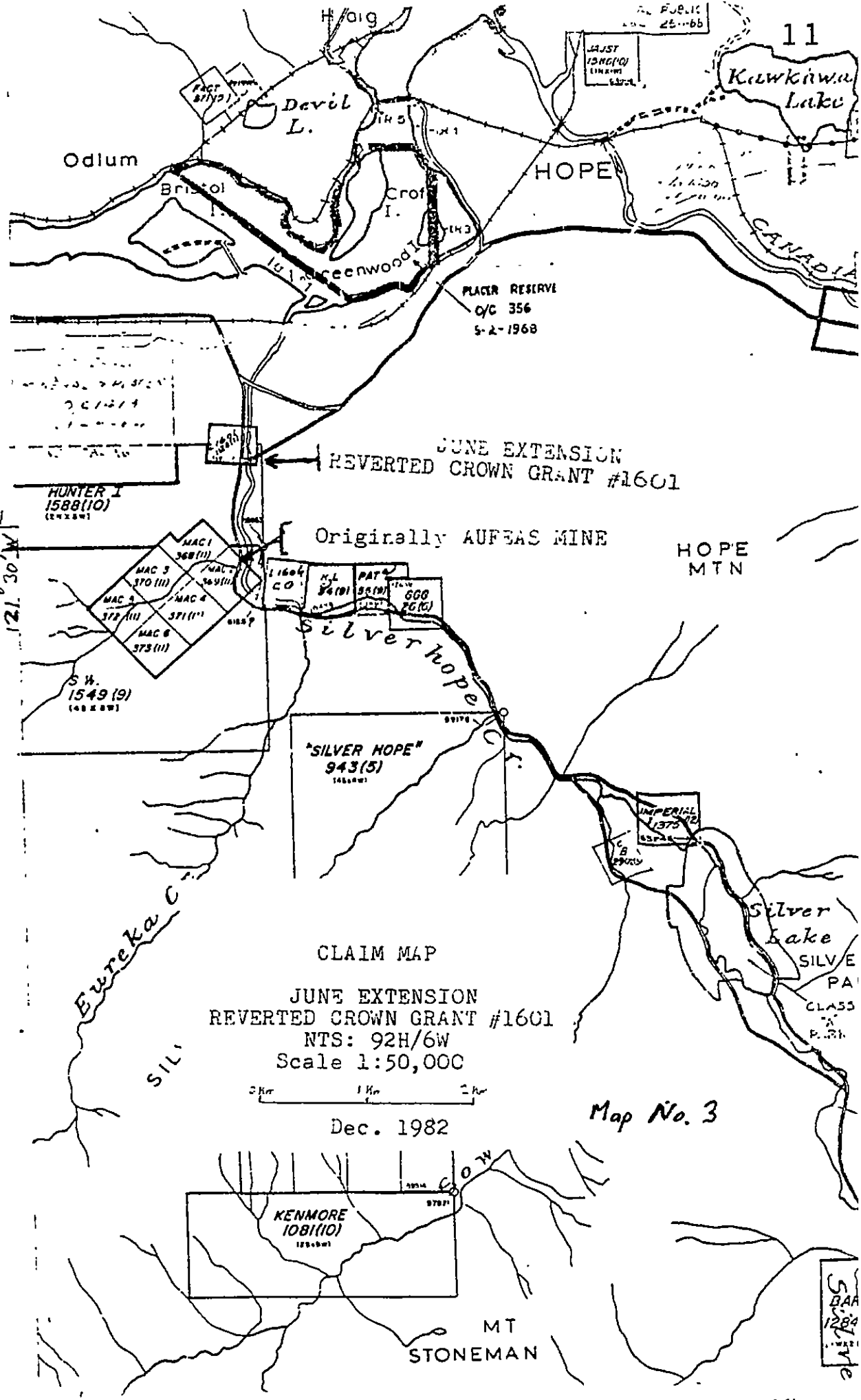
MAP No. 2



LEGEND	
---	Paved Road
.....	Creek
————	Boundary of Outcrop
-----	Boundary of Subcrop
⊗	Collapsed vertical Shaft
⋈	Collapsed horizontal Shaft
	Pit
++	Quartz Diorite
ΔΔ	Pegmatite in Quartz Diorite
o.o	Overburden

TO WEST SEE MAP 92H/5E

3
49° 21' N
121° 30' W




5
BAR
1284
SILVER

APPENDIX 1

STATEMENT OF QUALIFICATIONS

I, DOUGLAS A. PERKINS, Geologist, with a business address in Vancouver, British Columbia and whose residence is in Vancouver, British Columbia, HEREBY CERTIFY THAT:

- 1. I graduated from the University of British Columbia in 1979 with a B.Sc. majoring in Geology.
- 2. From 1979 to the present time, I have been actively engaged as a Geologist in mineral exploration in British Columbia and the Yukon Territory.
- 3. I personally participated in the field work on the "June Extension" Reverted Crown Grant Lot #1601 and interpreted all observations.
- 4. I am a Member in good standing of the "Geological Association of Canada".



 DOUGLAS A. PERKINS, B. Sc. Geol.

SUMMARY OF COSTS

"June Extension" Reverted Crown Grant Lot #1601

SALARIES AND WAGES:

re Douglas A. Perkins, Geologist

four (4) days @ \$100.00 per day

(two (2) days field work and
two (2) days research and
preparation of Report)

\$ 400.00

re G. STURK, Assistant

two (2) days @ \$50.00 per day

(two (2) days field work)

\$ 100.00

FOOD AND ACCOMODATION:

FOOD (two (2) days @ \$15.00 per day per man \$ 60.00

ACCOMODATION (one (1) night @ Holiday Motel in
Hope, British Columbia @ \$27.56
per night) \$ 27.56

TOTAL DIRECT EXPENDITURES/EXPENSES: \$587.56

APPENDIX 11

AFFIDAVIT SUPPORTING
SUMMARY OF COSTS

I, DOUGLAS A. PERKINS, GEOLOGIST, WITH RESIDENTIAL ADDRESS IN VANCOUVER, BRITISH COLUMBIA, DO HEREBY STATE THAT, TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THE STATEMENT OF COSTS IN THIS REPORT (PROSPECTING AND MAPPING ON THE "JUNE EXTENSION" REVERTED CROWN GRANT LOT #1601) IS A TRUE ACCOUNT OF EXPENDITURES INCURRED FROM EXPLORATION ON THE "JUNE EXTENSION" REVERTED CROWN GRANT LOT #1601.



DOUGLAS A. PERKINS, B.Sc. Geol.

Date: Jan. 27 1982