

83-#307-11607



GRANGES EXPLORATION AB
CANADIAN DIVISION

GEOCHEMICAL REPORT

ON

"B" and "D" CLAIMS

OMINECA MINING DEVISION

FAWNIE NOSE AREA

LATITUDE: 53° 19'

LONGITUDE: 125° 10'

N.T.S 93F/6 E

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,607

Owner and Operator

Granges Exploration Aktiebolag
1110 - 625 Howe Street
Vancouver, B. C.
V6C 2T6

Date of Work: June 23, - July 1, 1983

Dated at Vancouver, B. C.
July 4, 1983

Author:
G.W. Zbitnoff, (P. Eng.)

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ENCLOSURES

Plans
Soil geochemical survey for: 1:5,000 pocket.
Mo, Cu, Pb, Zn, Ag, As, Au,
B & D Claims

INTRODUCTION

During the period June 23 - July 1, 1983 Granges personnel under the supervision of E. Fluskey and directed by G. Zbitnoff undertook a soil sampling and trenching program on the B & D claims near Green Lake. The purpose of the program was to further define anomalous gold and silver results obtained in a previous reconnaissance geochemical program. Two shallow trench's were also blasted in anomalous areas.

CONSLUSIONS

The results of the survey failed to extend the anomalous zone. The trenching did not uncover a bedrock source for the anomalies.

RECOMMENDATIONS

Further trenching should be undertaken in the anomalous area.

LOCATION AND ACCESS

The B and D claims are located in the Omineca Mining Division at longitude 125° 10' N latitude 53° 19' W and are situated north of Fawnie Nose and cover Green Lake and surrounding area. Green Lake is located 114 km SE of Vanderhoof. Access is via helicopter from Burns Lake, approximately 115 km to the northwest. The southern edge of the D claim is accessable via the Kluskus-Ootsa road for 150 km from Vanderhoof, then over the access road to Granges Capoose silver deposit.

CLAIMS: Capoose Group

<u>Claim</u>	<u>Record #</u>	<u>Date</u>	<u>Units</u>
B	150	Sept 26	18
D	152	Sept 26	18

PHYSIOGRAPHY

The claims lie on a rugged portion of the Fawnie Range. The elevation on the claims vary from 1945 meters on the south boundary of the "B" claim to 1945 meters through the central portion of the claim where Green Lake is situated increasing to 1785 meters on the northern boundary. Much of this area is covered by talus.

GEOLOGY

According to G.S.C. Memior 324, Nechako River Map Area, British Columbia, the "B" claim is underlain by Takla group (unit 2) which consists of andesite and basaltic flows, tuffs and breccia, interbedded argillite and minor limestones. The geology of claim area was not noted during the geochemical survey as emphases was placed on the geochemical survey itself. Much of the slopes are talus covered and the ridges rusty due to the pyritic weathering.

SURVEY GRID

The Grid lines were re-established as near to the 1976 locations as possible. Intermediate line were blazed and flagged at 50m intervals. The lines were established using Brunton Compass and Hip chains. 4.85 Km of grid was established running north-south.

GEOCHEMICAL SURVEY

A total of 136 samples were taken on the "B" and "D" claims. The samples were assayed for Mo, Cu, Pb, Zn, Ag, Au. 13 rock samples were collected and assayed for Au, Ag, Cu, Mo and Zn .

Soil samples of the upper "B" horizon were obtained at an average depth of 0.3 meters with the use of augers. These samples were taken at 50 meter intervals along the picket lines. The samples were then placed in kraft soil envelopes and delivered to Acme Analytical Laboratories Ltd., 852 East Hastings Street, Vancouver, B. C. The samples are dried for approximately 16 hours at 75° centigrade and sieved to -80 mesh. A .5 gram sample is digested with dilute Aqua regia in a boiling water bath and diluted to 10 mls with demineralized water. A 10 gram sample is used for Au. All the above elements as determined by a direct reading plasma spectrometer analysis (ICP).

DISCUSSION OF RESULTS

The anomalous results obtained for the various elements are generally not coincident. The majority of the anomalous readings appear to be single spot highs. Values obtained are as plotted on accompanying plan.



CAPOOSE GROUP

COST BREAKDOWN

<u>Personnel</u>	<u>Date of work</u>	
Fluskey, E.	June 23 - July 1, @150/day	1,200.00
Thomlinson, J.	June 23 - July 1, @110/day	880.00
Beach, D.	June 23 - July 1, @100/day	800.00
Weekes, S.	June 23 - July 1, @ 90/day	720.00
136 soil samples for Mo, Cu, Pb, Zn, Ag, As, Au, @ 8.25		1,122.00
13 assays Au, Ag, Cu, Mo, Zn, @ 20.50		266.50
Camp costs 32 man days @ 35/day		1,120.00
Alpine Helicopters 3.3 hrs @ 1,583.85		1,583.85
Report preparation and drafting		<u>402.00</u>
TOTAL		8,094.35



STATEMENT OF QUALIFICATIONS

Name: Zbitnoff, George Wm.

Profession: Geologist

Professional
Associations:

Member of the Association of Professional Engineers of the Province of Manitoba since 1969.

Member of the Association of Professional Engineers of the Province of British Columbia since 1973.

Experience:

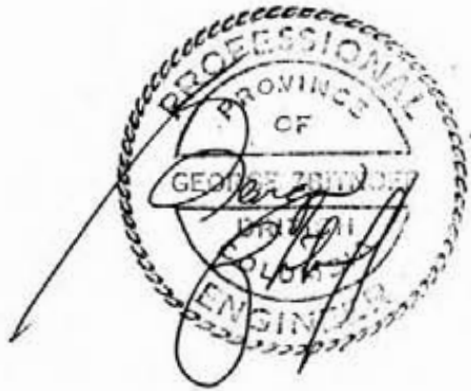
Pre graduation experience in geology with the Department of Mineral Resources of Saskatchewan.

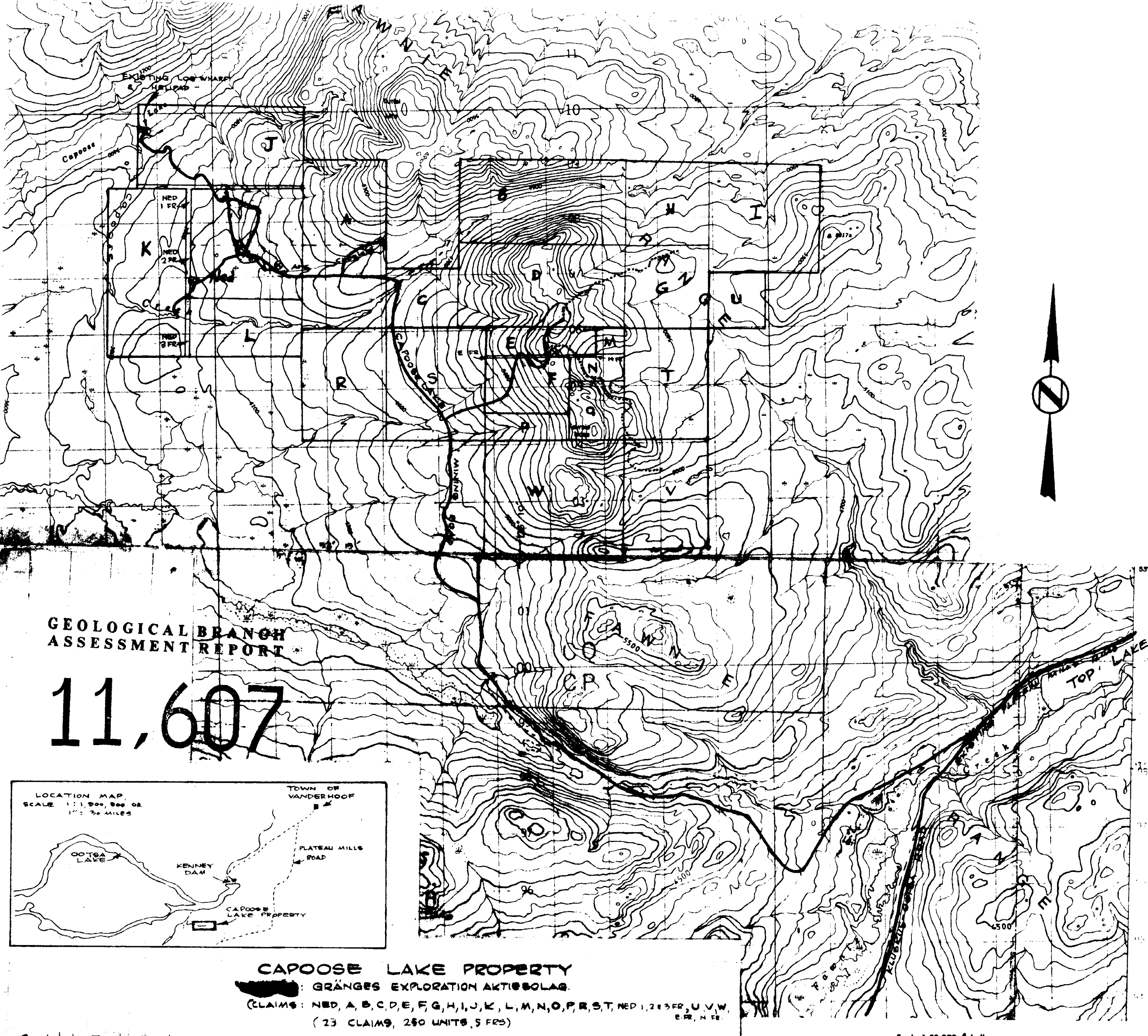
Two and one half years, field geologist with Hudson Bay Exploration and Development, Central Canada.

Six years, field and resident geologist with Noranda Exploration Ltd., Central Canada.

Eleven years geologist and Assistant Manager with Granges Exploration Aktiebolag, Canadian Division.

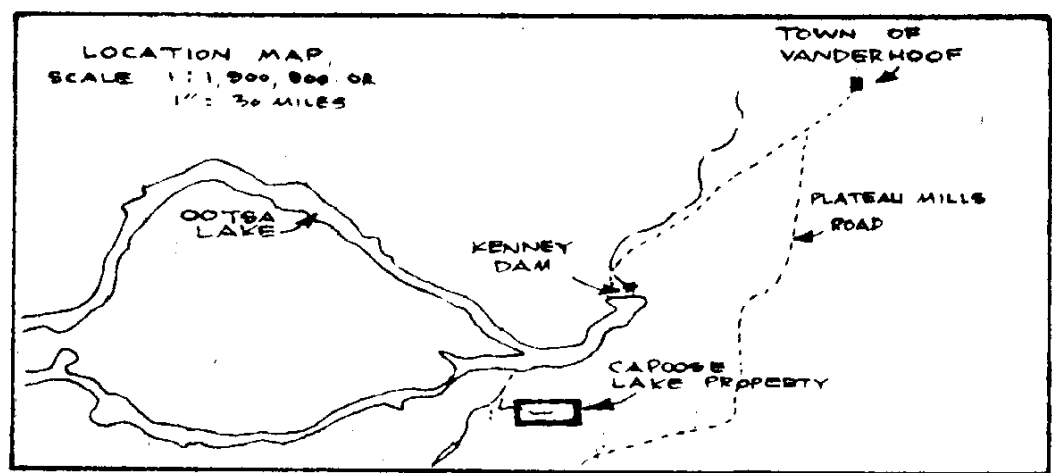
Active experience in all geologic provinces of Canada and parts of the United States and Mexico.








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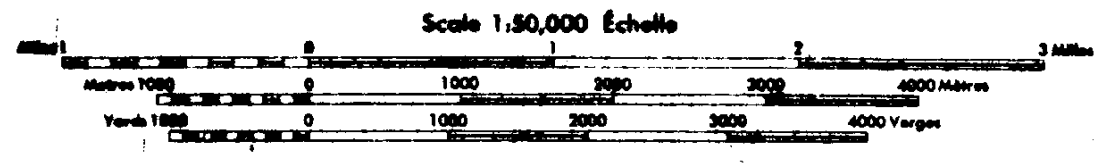


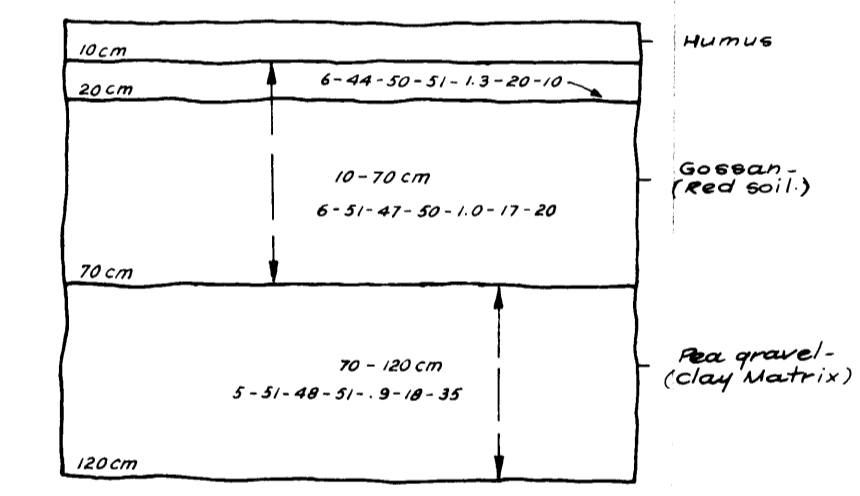
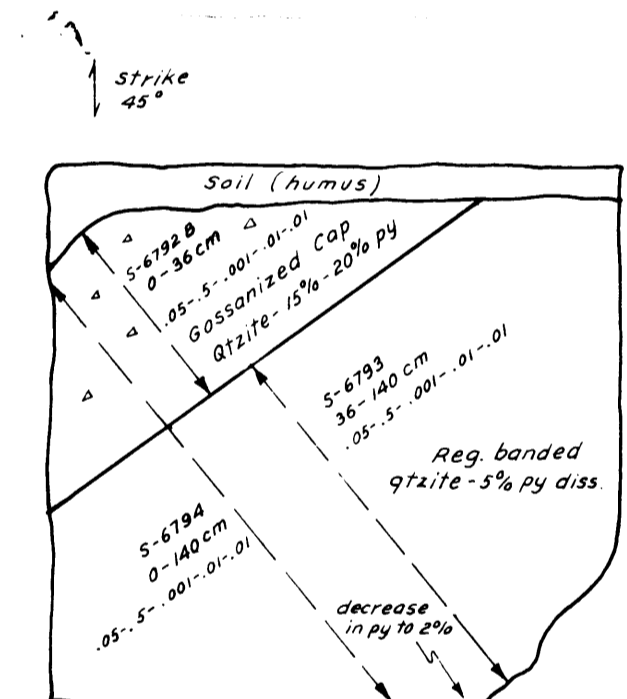
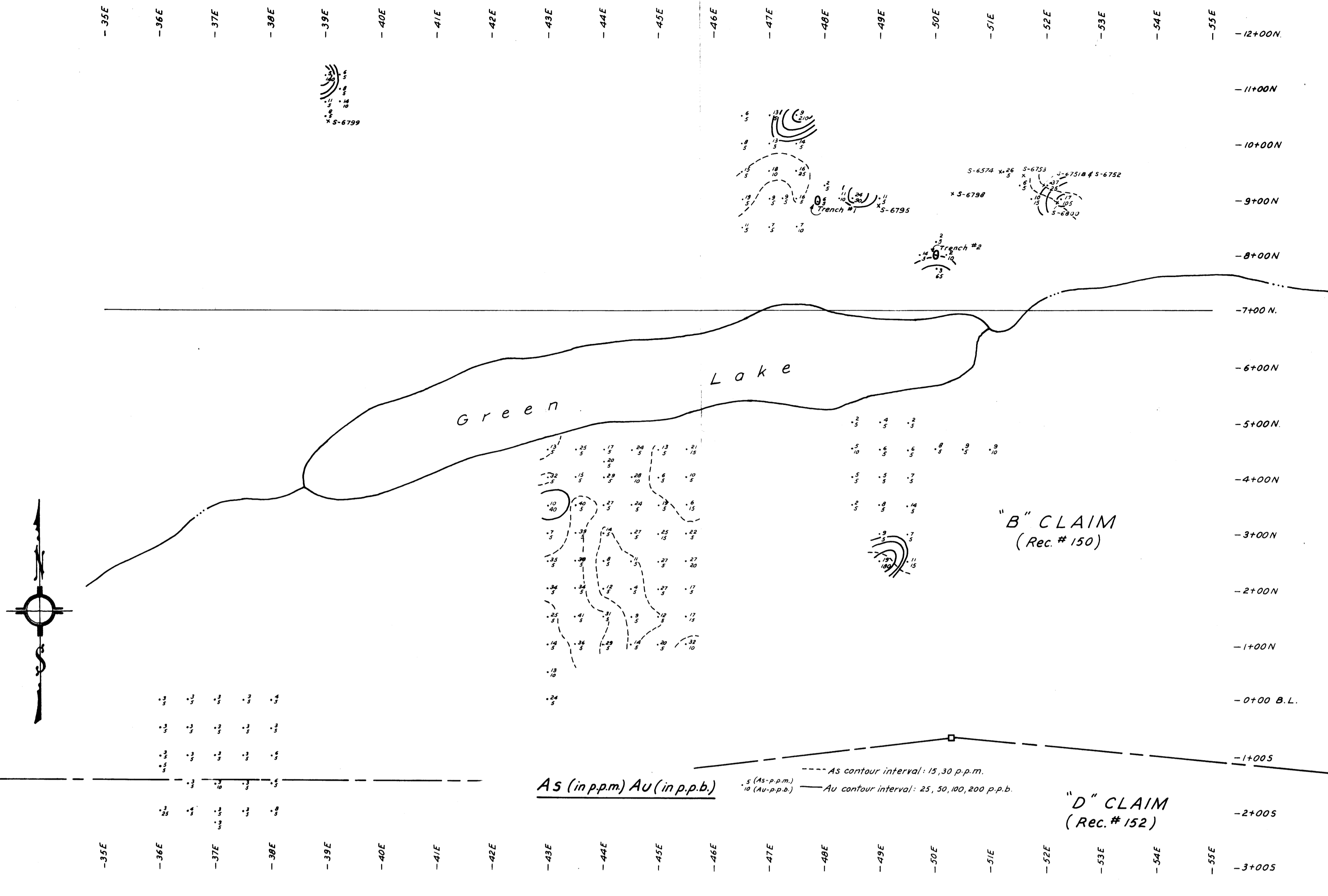
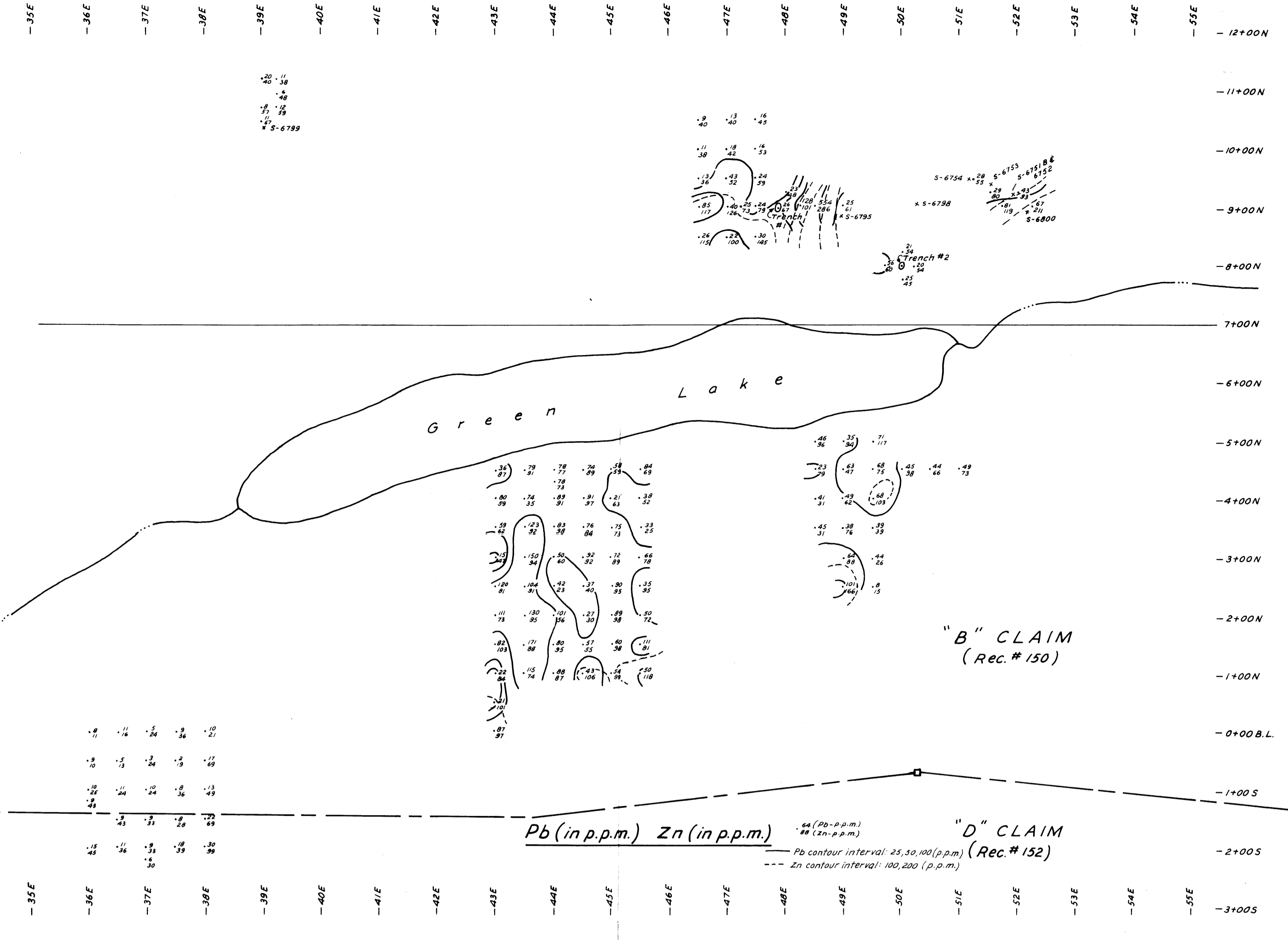
CAPOOSE LAKE PROPERTY

GRANGES EXPLORATION AKTIEBOLAG.
 (CLAIMS: NED, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, R, S, T, NED 1, 2, 3 FR, U, V, W, X, Y, Z, N FR)
 (23 CLAIMS, 250 UNITS, 5 FR)

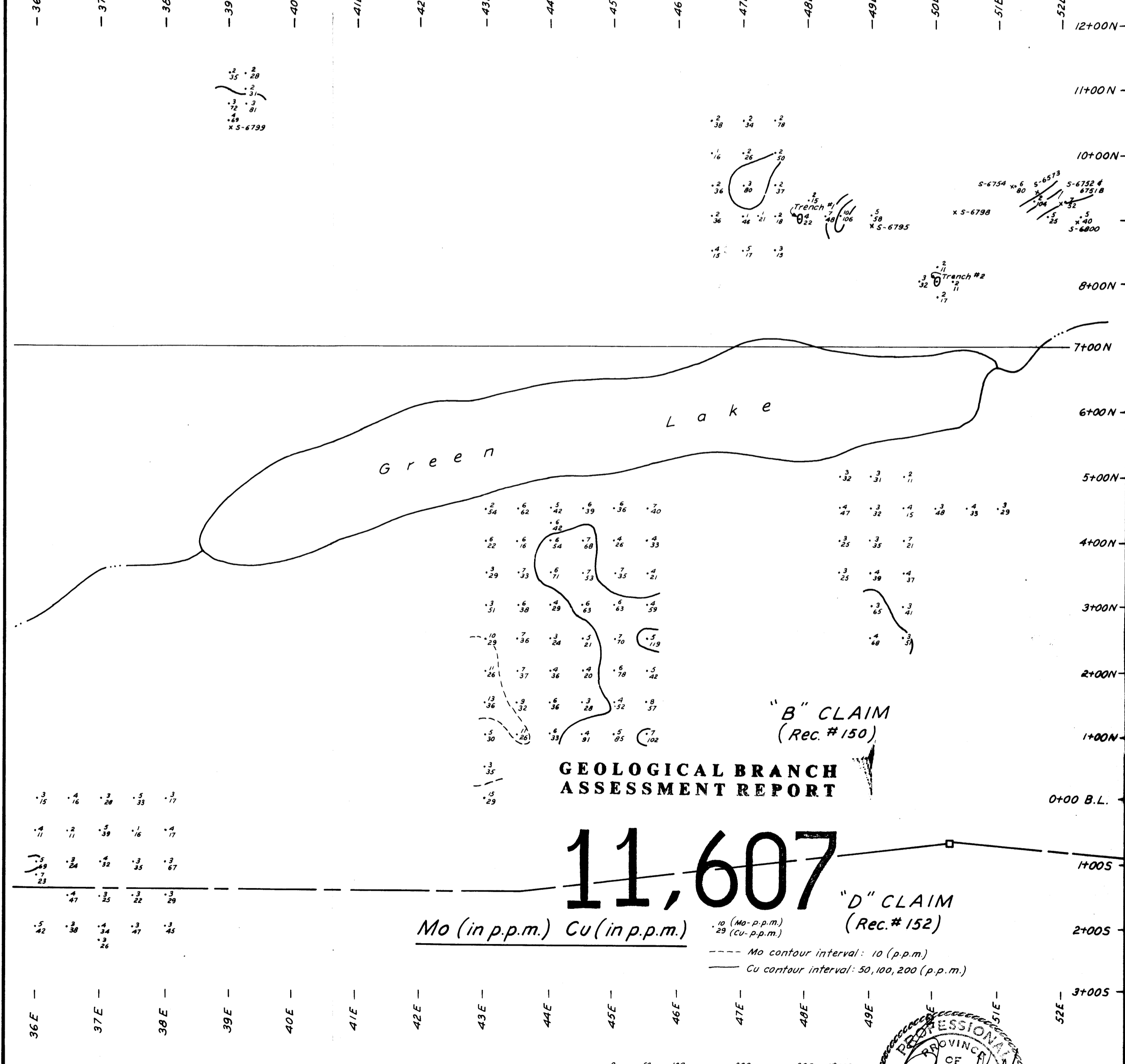
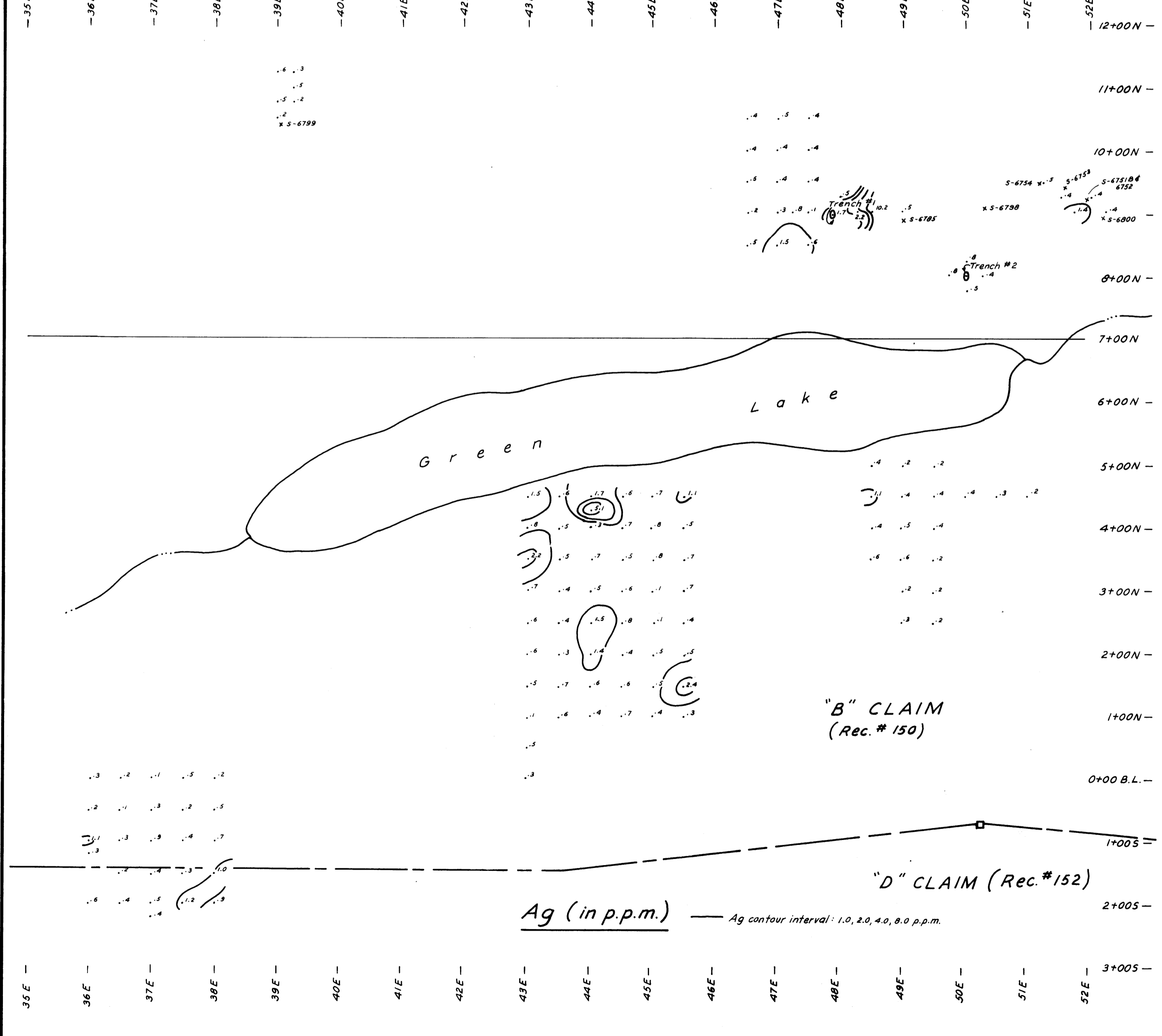
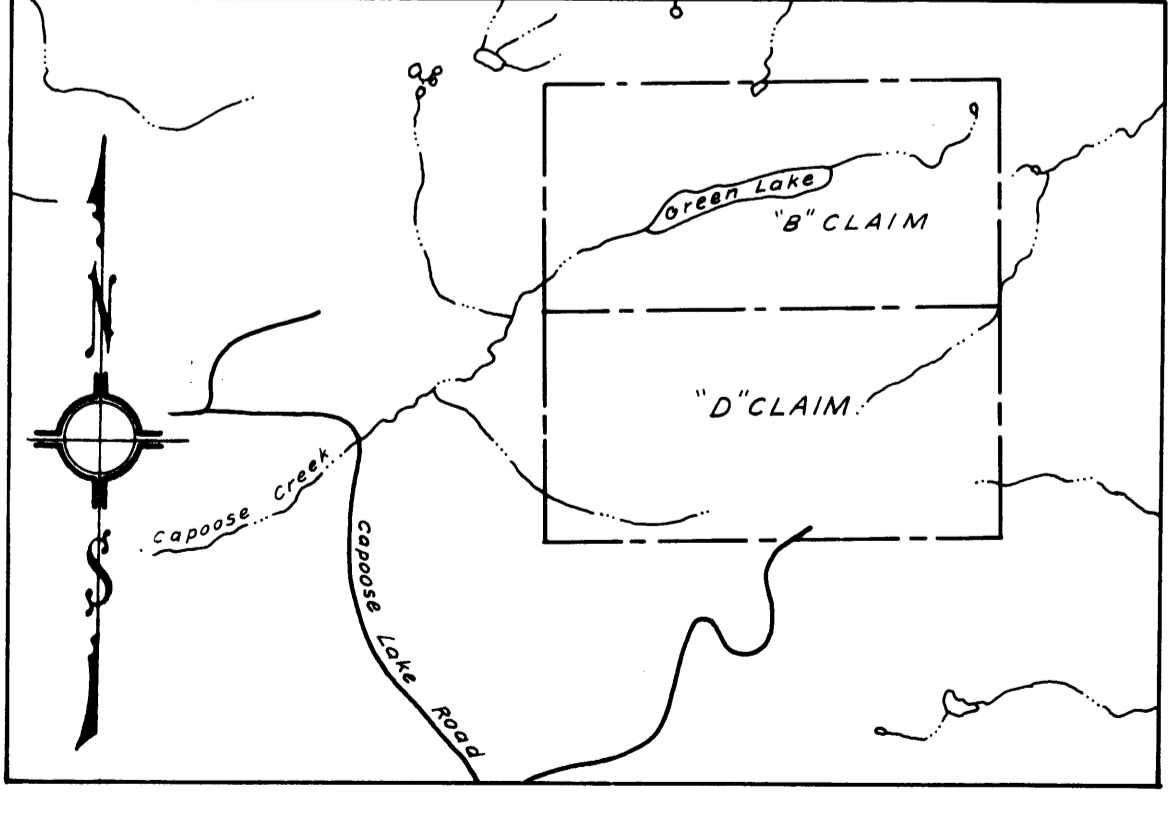
Completed Tractor Roads 
 Camp Sites 
 Drilling Areas 

NOV. 1977
 APRIL 1978
 SEPT. 1978
 APRIL 1979
 OCT. 1979
 MAY 1980





KEY: 01-5-001-01-01 = 01(Ag p.p.m.)-02(Mo%) - 03(Cu%) - 04(Zn%)
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