

84-#724 - 12787



GRANGES
EXPLORATION LTD.

1110-625 HOWE STREET
VANCOUVER, B.C. V6C 2T6
TELEPHONE: (604) 687-2831
TELEX: 04-53409

DIAMOND DRILLING

REPORT

ON

"N" BLOCKS

Situated in the

OMINECA MINING DIVISION

FAWNIE NOSE MOUNTAIN AREA

NTS 93F 6E

Latitude: 53 Degrees 17'

Latitude: 125 Degrees 10'

Held By

GRANGES EXPLORATION Ltd.

1110-625 Howe Street,

Vancouver, B. C.

V6C 2T6

GEOLOGICAL BRANCH
ASSESSMENT REPORT

September 5, 1984

12.787

TABLE OF CONTENTS

	Page
Introduction.....	1
Geology.....	1
Diamond Drilling.....	1
Results.....	1,2
Authors Qualifications.....	3
Expenditures.....	4

ENCLOSURES

4 Drill hole logs & Record sheets for holes D-77, 78, 80 and 81.

1 Location plan showing claims

Scale 1:50000

1 Drill hole collar location plan for holes D-77,78,80 and 81.

Scale 1:5000

INTRODUCTION

The "N" claim is located in Central British Columbia approximately 470 Km N.N.W. of Vancouver, B. C. and 115 Km S.W. of Vanderhoof, B. C. The claim is situated in the Omineca Mining Division and mostly lies above the timberline on the east flank of the Fawnie Range.

Access is by road from Vanderhoof, via the Plateau Mills-Kluskus-Ootsa road for a distance of 150 Km where it is joined by the Capoose Lake road which is passable by a four wheel drive vehicle and tracked equipment.

The claim is held by Granges Exploration AB for a joint venture agreement with Cominco Ltd.

GEOLOGY

According to G.S.C. memoir 324, Nechako River Map area, British Columbia, the claim is largely underlain by andesitic and basaltic flows, tuffs and breccias, with interbedded argillite and minor limestone. In addition there are Upper Cretaceous & (?) Tertiary basalts, andesites and related tuffs and breccias with minor rhyolite, dacite, conglomerate and possibly greywacke.

DIAMOND DRILLING

B.Q. core store in Co. warehouse in Burns Lake.

The drilling was proposed to test some of the geophysical anomalies previously located. The holes were drilled during July and August, 1984 by Phils Drilling of 100 Mile House, B. C. The program was supervised by E. Fluskey, of Granges personnel. (*grad. geologist*)

RESULTS

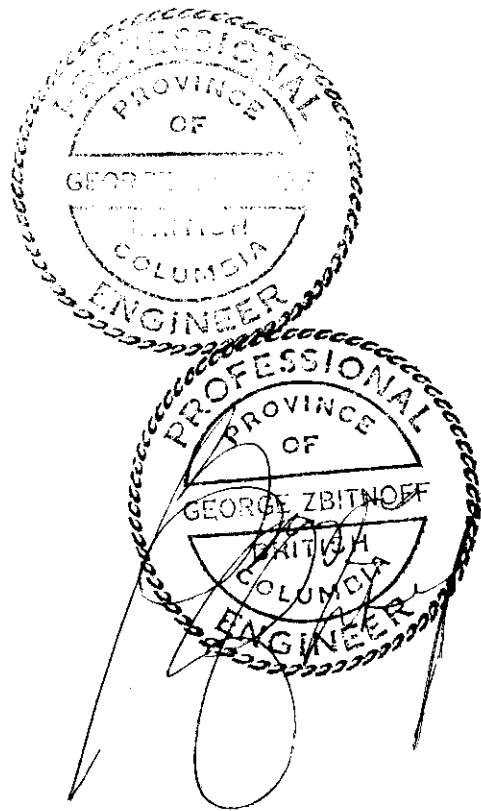
Four holes were drilled on the "N" claim, however holes "D-77" and "D-78" had to be abandoned due to casing problems. Hole "D-80" reached a depth of 46.63 m and intersected argillites, barren quartz veinlets, disseminated graphite and graphite mud. Hole "D-81" reached a depth of 52.73 m and intersected massive greywacke and argillites. The argillite contains 1-3% disseminated pyrite throughout, and very minor graphite. The graphite is slightly conductive.

<u>Hole #</u>	<u>Footage</u>	<u>Rock type</u>	<u>Mineralization</u>
D-77	0 - 9.9 m	casing	
D-78	0 - 10.06 m	casing	
D-80	0 - 13.41 m	casing	
	13.41-46.63 m	argillite	
	31.39-38.71 m		1.95 gm/t Ag

<u>Hole #</u>	<u>Footage</u>	<u>Rock types</u>	<u>Mineralization</u>
D-81	0-19.51 19.51-37.80 37.80-52.73 46.03-47.40	casing greywacke argillite graphite mud	

A total of 119.26 m was drilled on the claim.

For a more comprehensive report view the logs & record sheets appended within, or view core at the Capoose project main campsite, 1.6 km N of Fawnie Nose.



EXPENDITURES

Diamond Drilling

Phil's Drilling

100 Mile House, B. C.

119.26 meters @ \$52.48 per meter \$ 6,258.76

125 hours @ \$25.00 per hour 3,125.00

Accommodation

38 man nights @ \$25.00 per man \$ 950.00

Assays

Acme Analytical Laboratories

852 East Hastings St.,

Vancouver, B. C.

10 Core samples @ \$23.00 each \$ 230.00

Travel

\$ 2,250.62

Supervision

Mr. E.W.G. Fluskey 12 days @ \$92.50 \$ 1,110.00

Personel

Mr. K. Taylor 3 days @ \$65.00 \$ 195.00

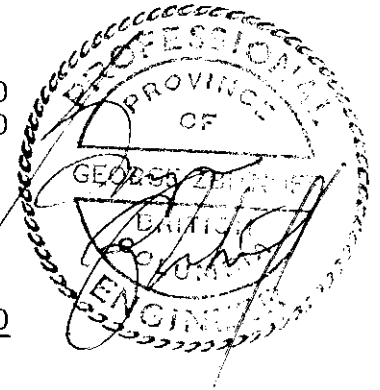
Mr. D. Beach 4 days @ \$55.00 \$ 220.00

Report Preparation

Ms. J. J. Owens 3 days @ \$88.10 \$ 264.30

TOTAL

\$14,603.68



Granges Exploration Aktiebolag

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.

Member of the Canadian Institute of Mining and Metallurgy.

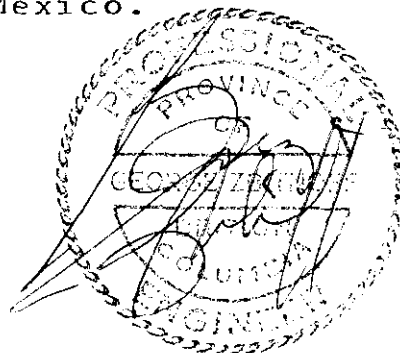
Experience: Pre graduation experience in geology with the Department of Mineral Resources of Saskatchewan.

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.

Thirteen years geologist and Assistant Manager at Granges Exploration Aktiebolag, Canadian Division, Vancouver, B. C.

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





GRANGES EXPLORATION AB
CANADIAN DIVISION
DIAMOND DRILL RECORD

Property CAPOOSE JU Project No. 113 Depth 9.9M (33') Date Began

Hole No. D 77 Co ord. STOOS Horizontal Length Date Completed

Sheet No. 6466W Direction Drilled By.

Claim No. N. CLAIM Elevation FM GRIP Angle Logged By.

FOOTAGE- METERS	NUMBER	WIDTH	Au.	Ag.	Cu.	Zn.	WIDTH X ASSAY					AVERAGES					REMARKS		
							WIDTH	Au.	Ag.	Cu.	Zn.	WIDTH	Au.	Ag.	Cu.	Zn.			
0 - 99'	CASING																		
X	HOSE ABANDONED -		CASING SKIPPING																
			ALONG BED ROCK																





GRANGES EXPLORATION AB
CANADIAN DIVISION
DIAMOND DRILL RECORD

Property CAMOOSE JV Project No. 113 Depth 46.63m (153') Date Began AUG 17 1989
 Hole No. D-80 Co ord. 4400S Horizontal Length Date Completed AUG 22 1989
 Sheet No. 1 5465 W Direction EAST Drilled By PHIL'S DRILLING
 Claim No. 'N' CLAIM Elevation "EM" 610 Angle -70° Logged By ED FLUSKEY

FOOTAGE METER	NUMBER	WIDTH METERS	Au.	Ag.	Cu.	Zn.	pb	WIDTH X ASSAY	AVERAGES					REMARKS	
									WIDTH	Au.	Ag.	Cu.	Zn.		
0 - 13.41	CASING	13.41													
13.41 - 31.39	WASTE	17.98													
31.39 - 32.61	8153	1.22	.07	2.7		.07	.01	3.22							
32.61 - 35.66	8154	3.05	.07	1.6		.03	.01	4.26		14.224					
35.66 - 38.71	8155	3.05	.10	2.0		.02	<.01	6.1	7.32	1.95					
38.71 - 41.76	8156	3.05	.07	1.0		.01	<.01								
41.76 - 44.50	8157	2.74	.10	1.9		.01	.01								
44.50 - 46.63	8158	2.13	.10	1.7		.01	<.01								
46.63m	END OF HOLE														

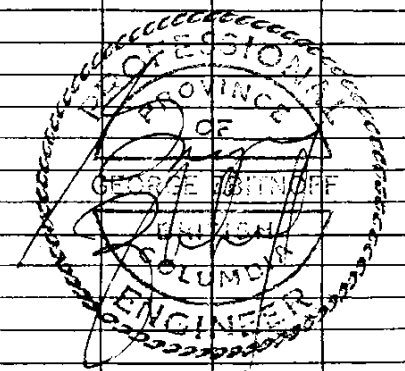




GRANGES EXPLORATION AB
CANADIAN DIVISION
DIAMOND DRILL LOG

Property CADDOSE JV Project No. 113 Depth 46.63m (153') Date Began AUG 17/84
 Hole No. 0-80 Co ord. 4400S Horizontal Length 16.0m Date Completed AUG 22/84
 Sheet No. 1 5465W Direction EAST Drilled By PHIL'S DRILLING
 Claim No. "N" CLAIM Elevation "EM" GRID Angle -70° Logged By ED FLUSKEY

FOOTAGE METERS	DESCRIPTION	ALTERATION										% REC'Y CALC'D.	
		FROM	TO										
0-13.41	CASING: SAND & BOULDERS												
13.41-46.63	ARGILLITE												
	- GENERALLY MASSIVE BLACK												
	- ISOLATED MINOR BANDED SECTIONS												
	23.77-32.61: QZ CUTTING VEINLETS BARREN												
	32.61-44.50: CARBONACEOUS: FINELY DISS GRAPHITE												
	1% - 5% to 2% PY												
	* HIGHLY CONDUCTIVE												
	35.36: 3cm GRAPHITE - MINOR CALCITE VEINLETS												
	MUD												
	36.18: 4cm GRAPHITE MUD												
46.63m	END OF HOLE												
	CORE ANGLES												
	75° @ 42.98m												





GRANGES EXPLORATION AB
CANADIAN DIVISION
DIAMOND DRILL RECORD

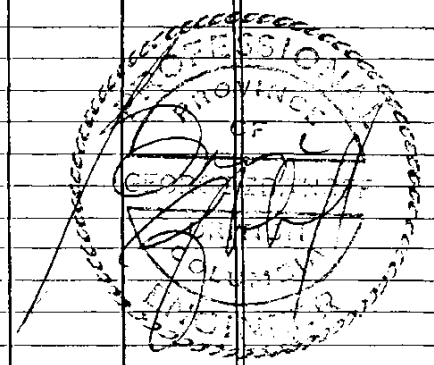
Property CAPOOSE JV Project No. 113 Depth 52.734 (173) Date Began

Hole No. D-81 Co ord. 54005 Horizontal Length - Date Completed

Sheet No. 1 6466W Direction - Drilled By.

Claim No. Elevation Angle -90° Logged By.

FOOTAGE METERS	NUMBER	WIDTH METERS	Au. g/m ^l	Ag. g/m ^l	Cu.	Zn.2	Pb%	WIDTH X ASSAY	AVERAGES					REMARKS		
									WIDTH	Au.	Ag.	Cu.	Zn.			
0-19.51	CASING	19.51	.	.	.	.	.				
19.51-45.11	WASTE	15.60	.	.	.	.	.				
45.11-46.63	3226c	1.52	.05	.5	.	.01	.01									
46.63-48.16	3227	1.53	.05	.5	.	.01	.01									
48.16-49.68	3228	1.52	.05	.5	.	.01	.01									
49.68-51.21	3229	1.53	.05	.5	.	.01	.01									
51.21-52.73	WASTE	1.52	.	.	.	.	.				
52.73M END OF HOLE																

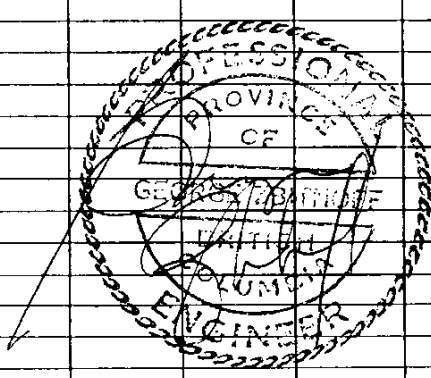




GRANGES EXPLORATION AB
CANADIAN DIVISION
DIAMOND DRILL LOG

Property CAMPUSSE JV Project No. 110 Depth 52.13m (171.5') Date Began AUG 22/89
 Hole No. D-81 Co ord. 54005 Horizontal Length — Date Completed AUG 29/89
 Sheet No. 1 6466 W Direction — Drilled By PHIL'S DRILLING
 Claim No. "N" CLAIM Elevation EM GRID Angle -90° Logged By EO FLUSKEY

FOOTAGE METERS	DESCRIPTION	ALTERATION										% REC'Y CALC'D.		
		FROM	TO											
0-19.51	CASING : SAND + BOULDERS													
19.51-37.80	GREYWACKE - MASSIVE GRANULAR - FAULTED + SHEARED - BARREN													
	19.51-23.77 : 3.05m LOST													
	23.77-25.30 : 0.30m LOST													
	29.87-31.39 : 0.62m LOST													
	37.49-39.01 : 0.30m LOST													
37.80-52.73	ARGILLITE - MASSIVE BLACK - ISOLATED BANDING - CARBONACEOUS - 1% - 3% DISS PY THROUGHOUT													
	41.15-41.95 : MINOR GRAPHITE SLIGHTLY CONDUCTIVE													
	* 46.63-47.40 : GRAPHITE ^{2cm} MUD @ 47.40m * CONDUCTIVE													
52.73m	END OF HOLE													
	CORE ANGLES													
	47° @ 51.21m													

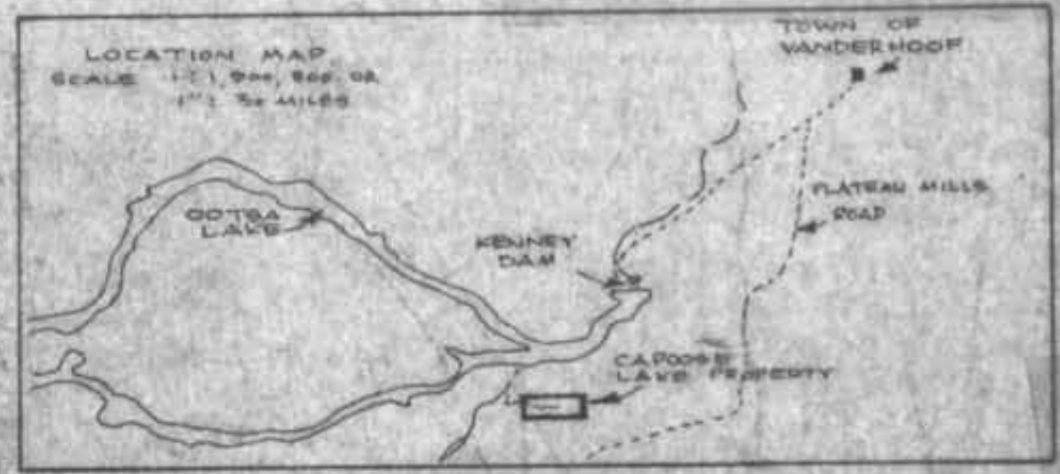


EXISTING LOG WHARF
& HELIPAD



GEOLOGICAL BRANCH ASSESSMENT REPORT

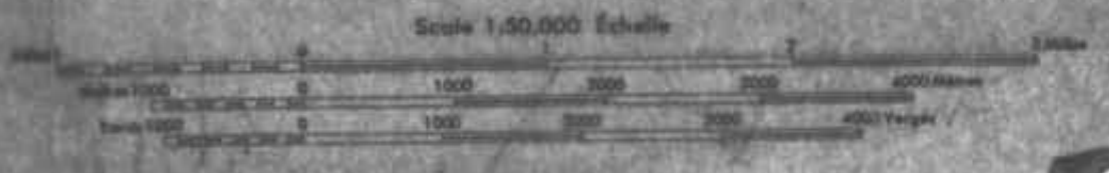
12,787



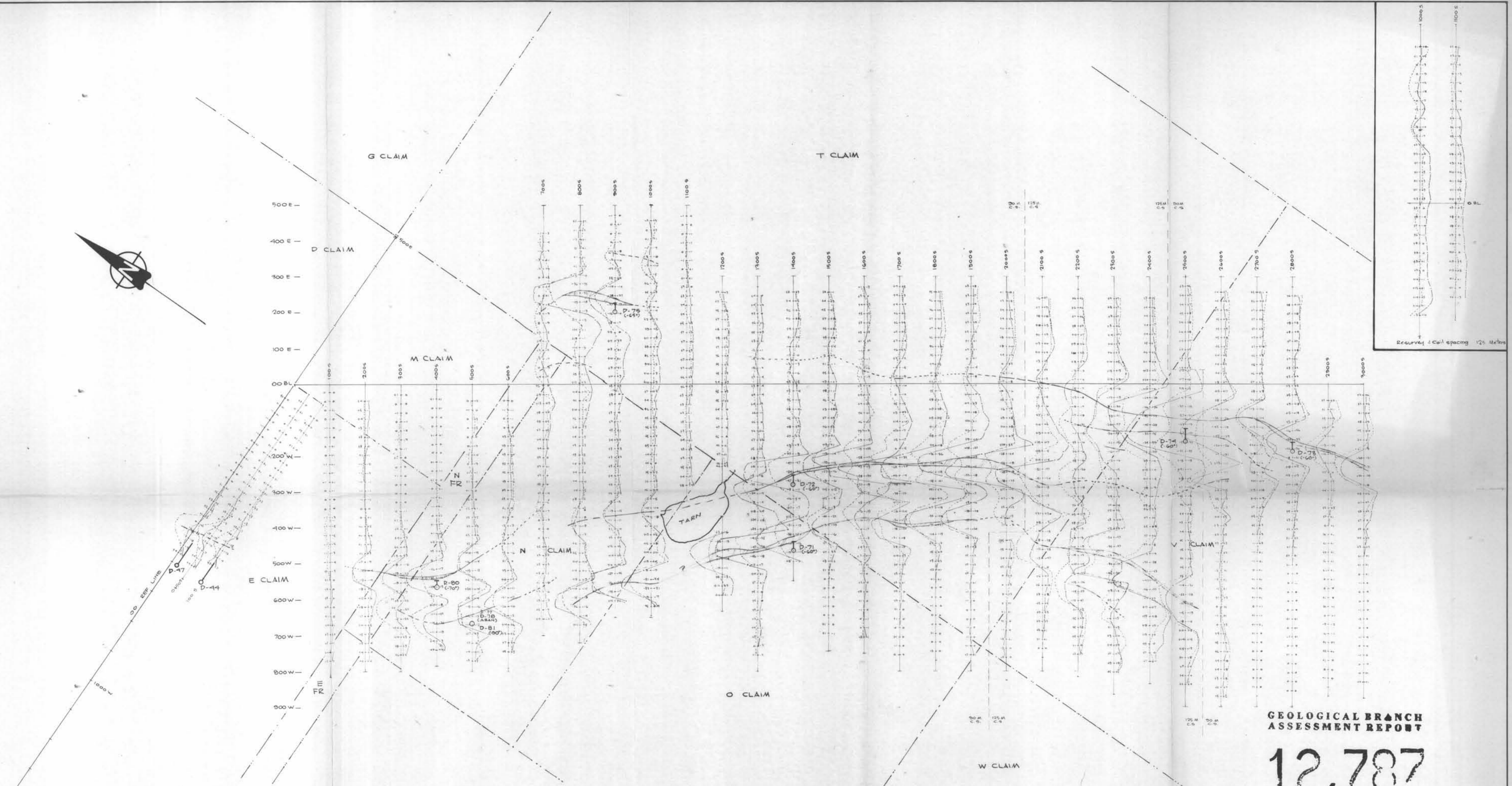
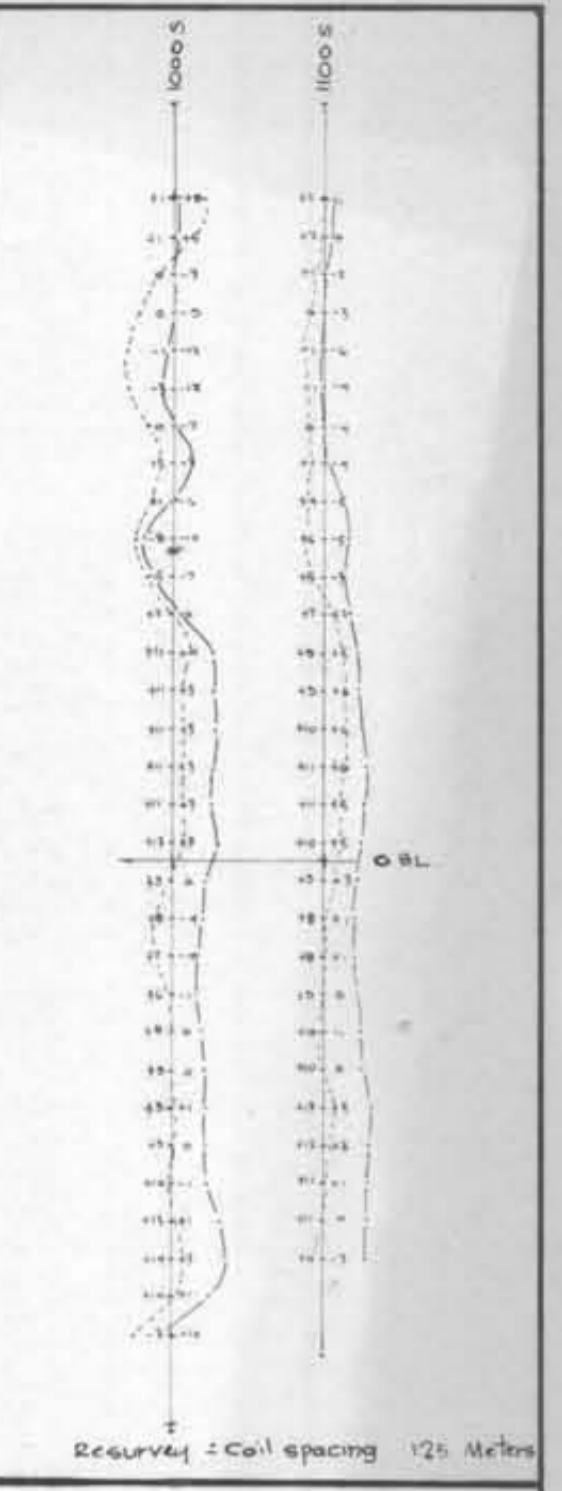
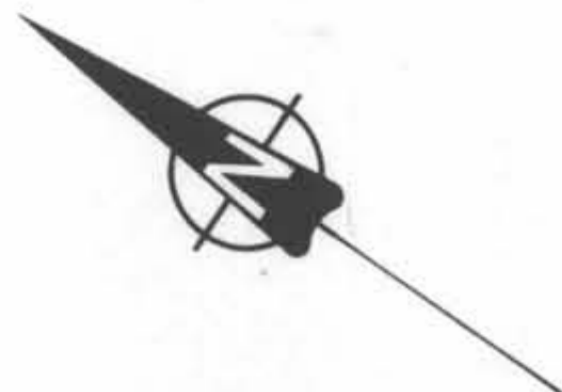
CAPOOSE LAKE PROPERTY
GRANGES EXPLORATION AKTIEBOLAG
(CLAIMS: NED, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, S, T, NED 1, 2, 3, 4, U, V, W, X, Y, Z)
(22 CLAIMS, 230 UNITS, 3 FPS)

- Completed Tractor Roads —————
- New road construction - - - - - 1984
- Camp Sites ○
- Drilling Areas ○

NED 1	1977
APR 1	1978
SEP 1	1978
APR 1	1979
OCT 1	1979
SEP 1	1980

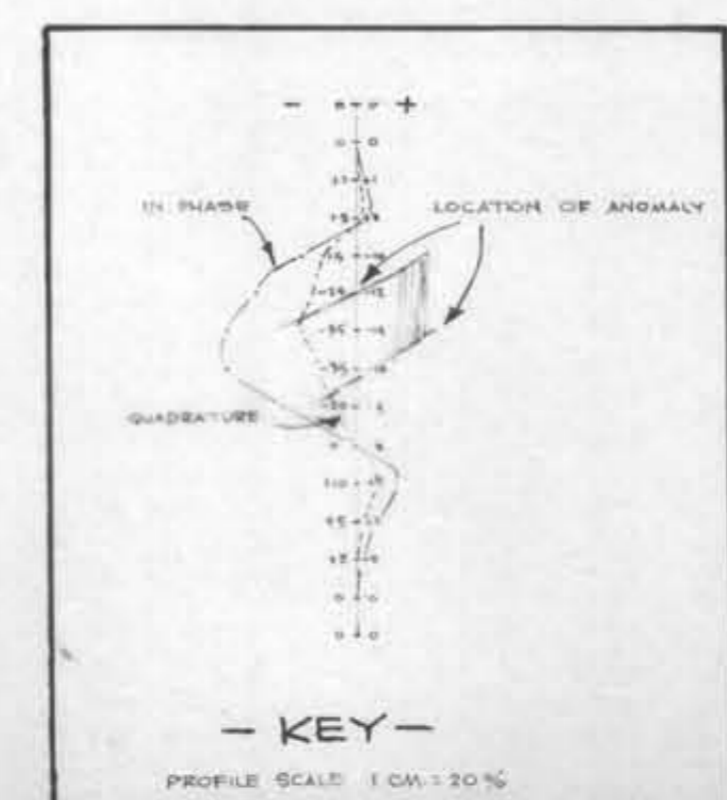
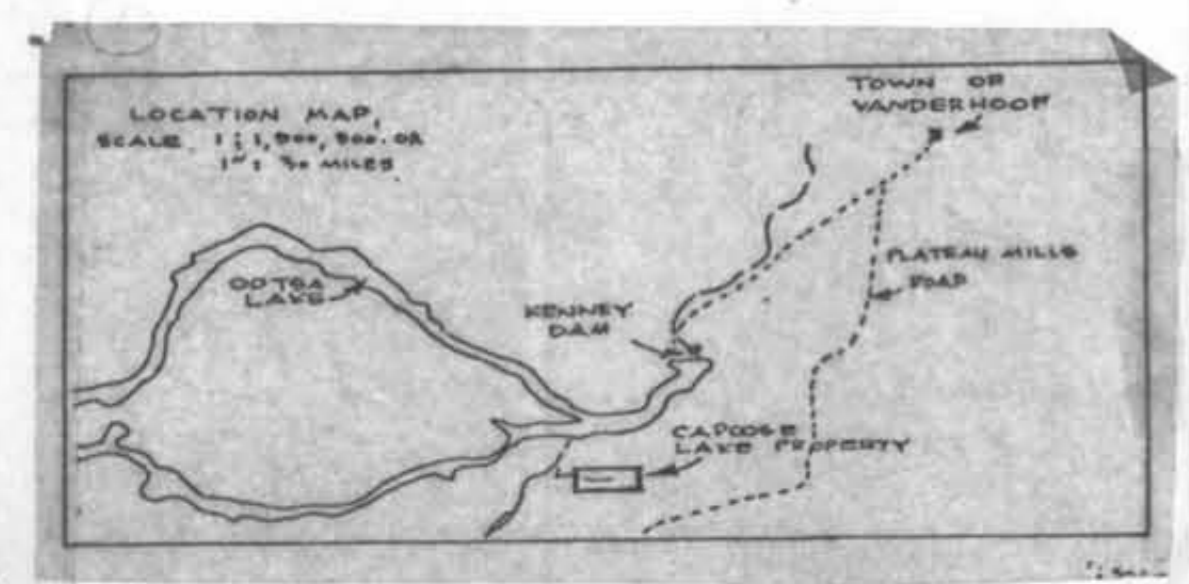


Scale 1:50,000 Echelle



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

12,787



34.4 KM SURVEY		DRAWN BY: M.P.
SURVEYED BY: J.J. STUBER & T. ARSENAULT AUG 11 + 15, 1961		DATE: AUG, 1961
OPERATING FREQUENCY: 1770 Hz COIL SPACING: 22 M - STATION INTERVAL: 25 M.		IN PHASE TO LEFT OF LINE QUADRATURE TO RIGHT OF LINE
PROFILE SCALE: 1 CM = 20 % INST: MAX MIN II		

GRANGES EXPLORATION AB
CANADIAN DIVISION
VANCOUVER OFFICE

HORIZONTAL LOOP ELECTROMAGNETIC SURVEY
& DIAMOND DRILLING
ON PORTIONS OF CLAIMS E, M, N, O, T & V
CAPOOSE PROJECT
CAPOOSE LAKE AREA, B.C.

SCALE: 1:5000
PROJECT No: 70113
N.T.S. No: 05 P-G e

