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SPANAR

REPORT ON  
THE SPANER CLAIM

on behalf of

FRANK NOEL

by

G.H.GIROUX P.Eng.

June 24, 1977

MINERAL RESOURCES BRANCH ASSESSMENT REPORT NO. _____
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## INTRODUCTION

This report on the SPANER CLAIM, written for Frank Noel, is based on an Induced Polarization survey and a property examination. The Induced Polarization survey was conducted by Bill Chase on November 18, 1976. On June 13, 1977 the author visited the property and sampled the known mineralized area.

The report reviews the survey and sample results and makes recommendations for follow-up work.

## LOCATION AND ACCESS

The SPANER CLAIM is located between Alouette Lake & Stave Lake approximately 1500 meters south of Mt. Chrickmer at 49° 18' Latitude and 122° 23' Longitude.

The property can be reached using a four wheel drive vehicle along good logging roads from Ruskin, a distance of approximately 20 kilometers. (see Figure 1)

## CLAIM INFORMATION

The property consists of one recorded claim of one unit. (see Figure 2)

CLAIM	RECORD NUMBER	EXPIRY DATE
SPANER	162	Oct. 28, 1977

## GEOLOGY

The property is situated within the Plutonic rocks of the Coast Range. Locally the rocks as described by J.A.Roddick in 1953 are Quartz Diorite with hornblende more abundant than biotite.

The rocks at the showing (see Figure 3), consist of quartz diorite with disseminated pyrite. Several small quartz filled shear zones also mineralized with pyrite were observed in and around the adit.

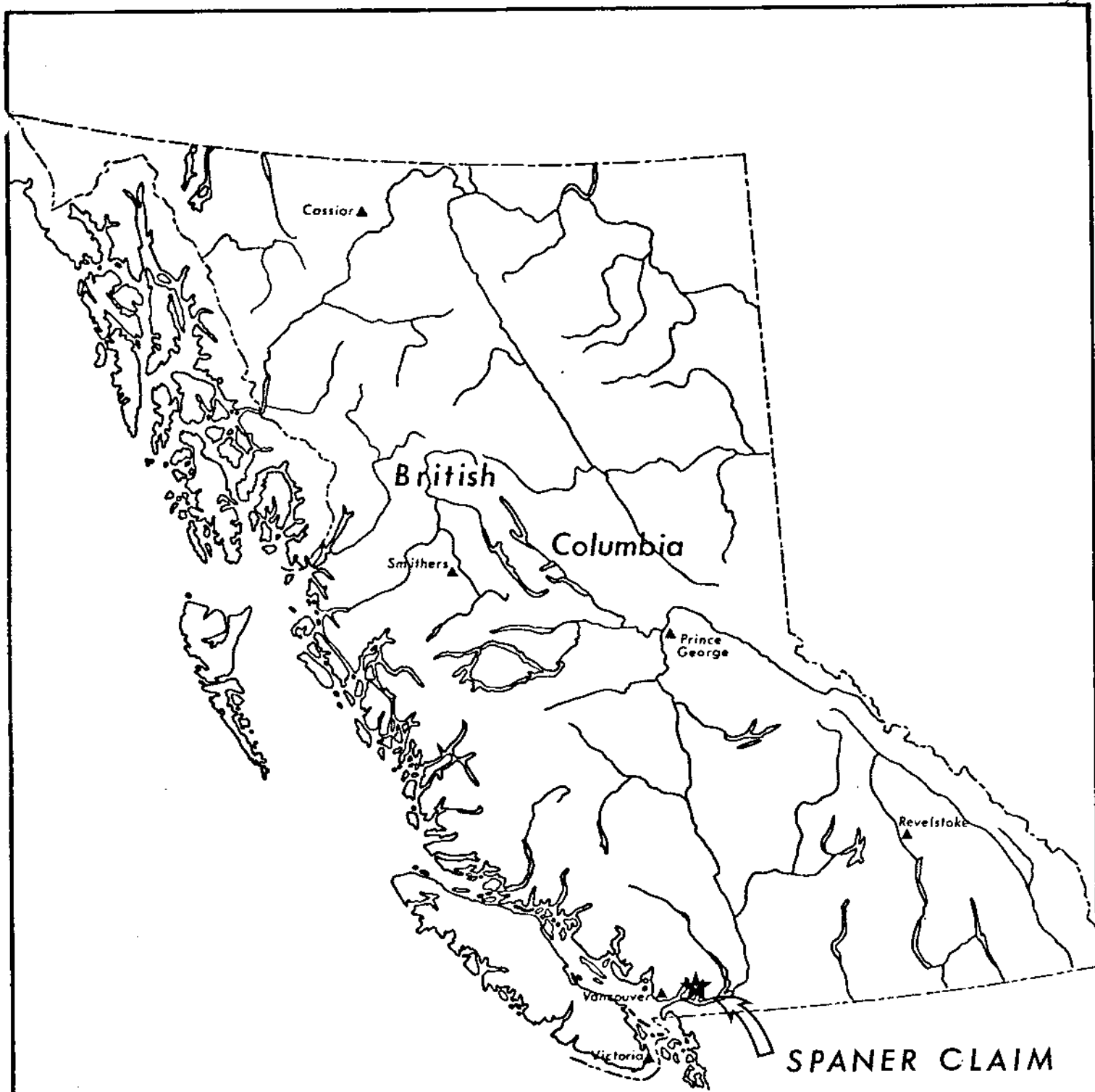


FIGURE 1  
LOCATION MAP



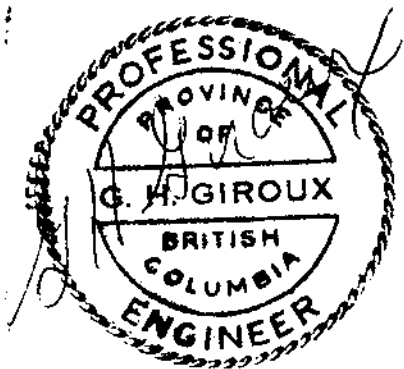
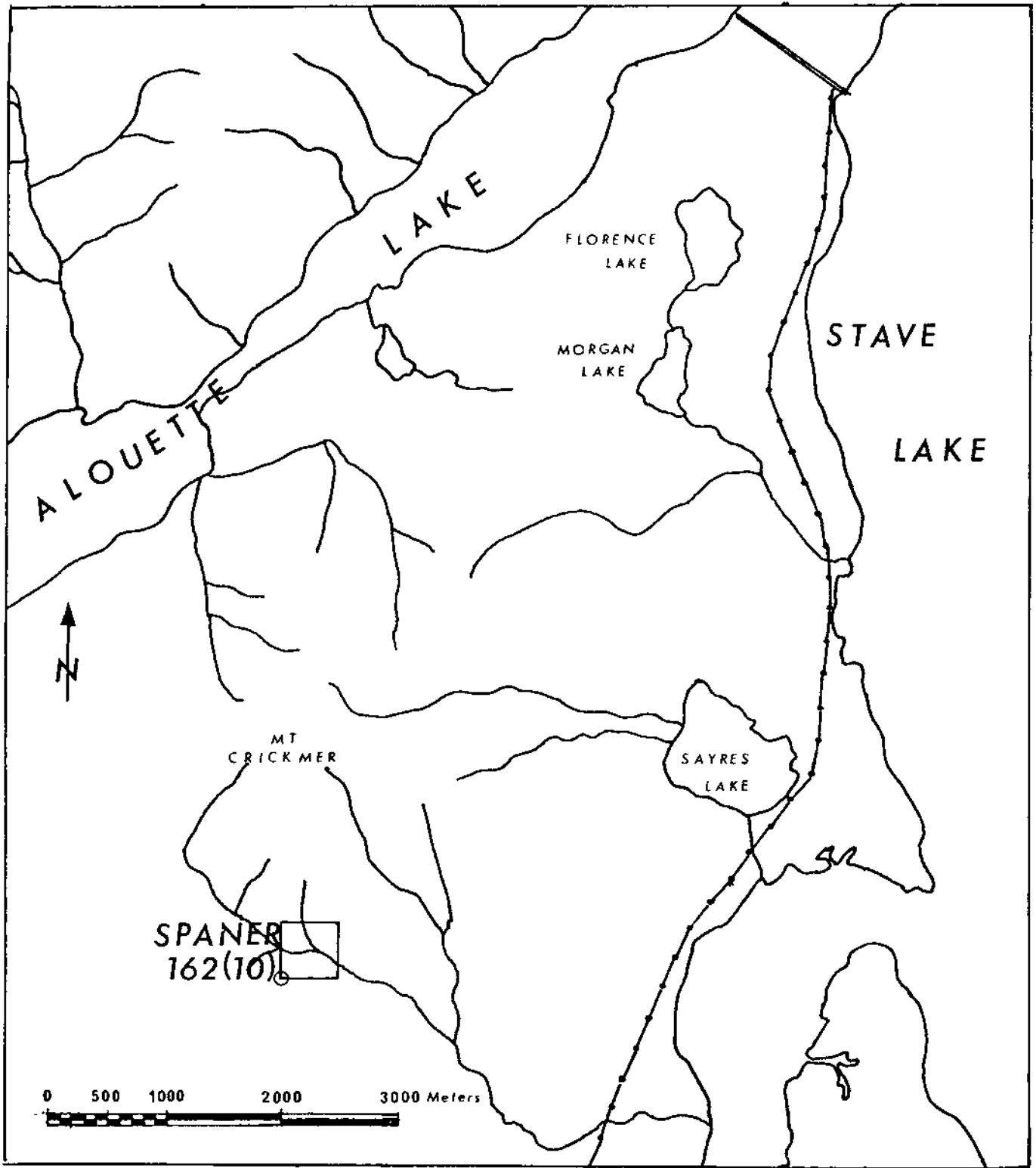


FIGURE 2  
CLAIM MAP  
SPANER CLAIM

G. H. GIROUX P. Eng.  
JUNE 24, 1977

## SAMPLING

A short adit about 5 meters long striking 164 is present on the property. (see Figure 3 X marked showing) All samples taken were chip samples across the distances indicated. (see Figure 5) The adit was sampled from the face towards the portal at one meter intervals for three meters, along the west wall. (Samples no. 14626-28) A chip sample across 2 meters was taken along a shear at the face of the adit. (Sample no. 14629). A chip sample across one meter was taken along the east wall at the face. (Sample no. 14630) The last sample taken was across  $\frac{1}{2}$  meter on the cliff wall about 2 meters south of the portal. (Sample no. 14631)

The samples were assayed for gold and silver by Min-En Laboratories Ltd. of 705 West 15 th St. North Vancouver, B.C.

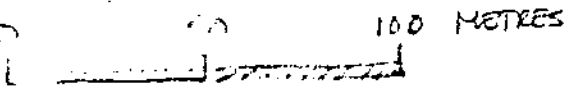
The results of the sampling are shown in Appendix 1 and on Figure 5.

## INDUCED POLARIZATION SURVEY

On November 18, 1976 Bill Chase conducted an Induced Polarization Survey over the SPANER CLAIM for Frank Noel. Two NE-SW lines approximately 300 meters long and 75 meters apart tested across the sidehill above the showing. One short (about 150 meters) cross line was run up the hill from the creek. (see Figures 3 & 4)

The Chargeability Plot (see Figure 3) shows an anomaly of approximately 3 times background trending NW-SE away from the adit showing.

The Apparent Resistivity (see Figure 4) showing resistance of the rock to the flow of electricity is lowest in the area of the Chargeability anomaly.



TTTTT = cliff  
X = showing  
{ = slash line

NORTH  
dec 22.5° East

chargeability (in milliseconds)

XXXXXX = anomaly

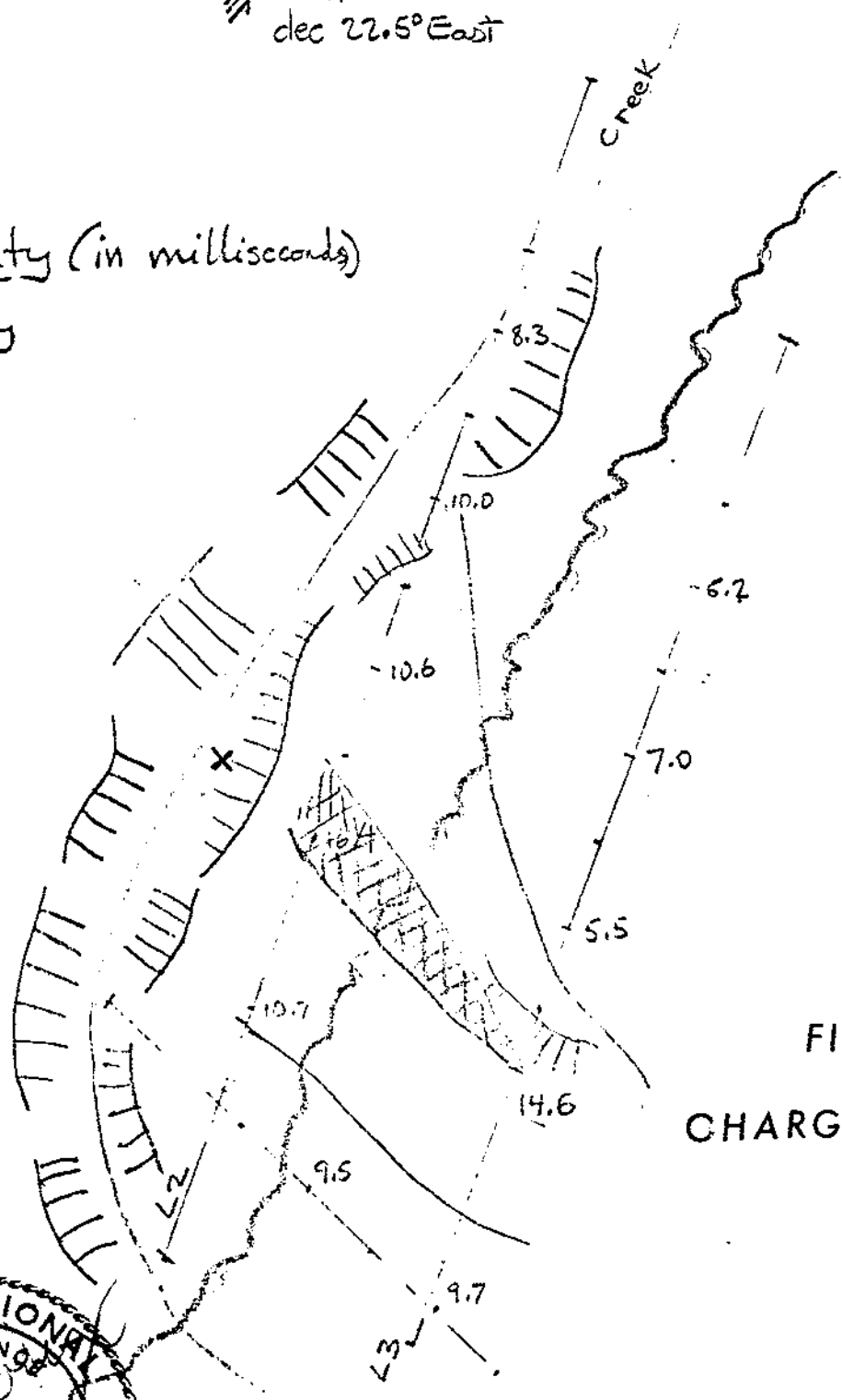
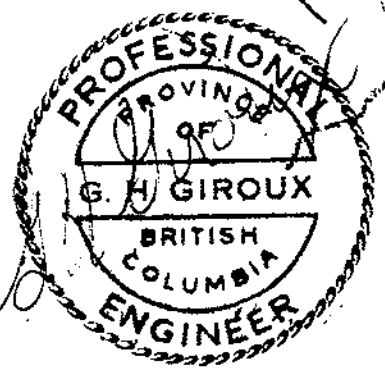


FIGURE 3  
CHARGEABILITY



Bill Clinton  
Nov 18/76

apparent resistivity

{ contact (between 2 rock types)

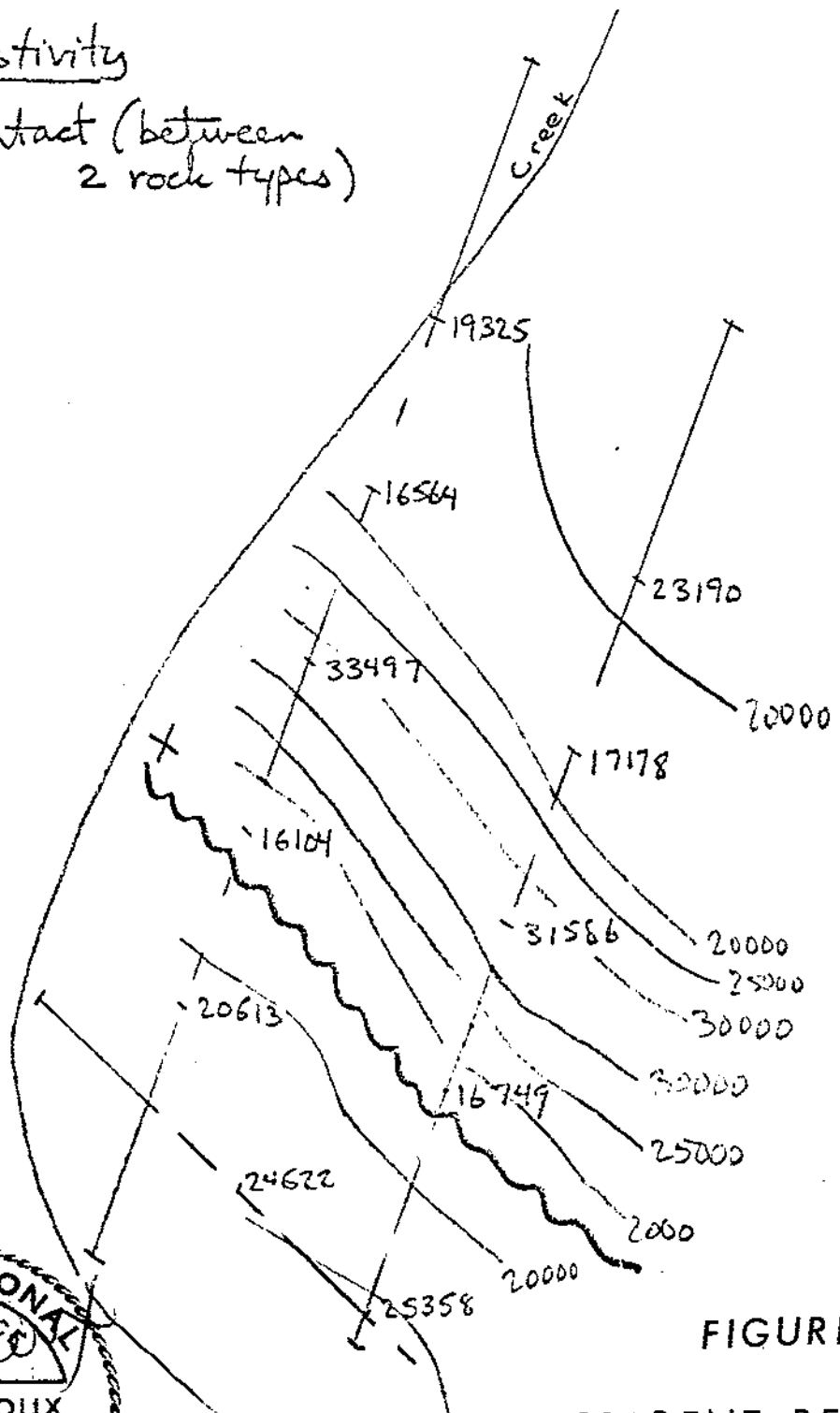


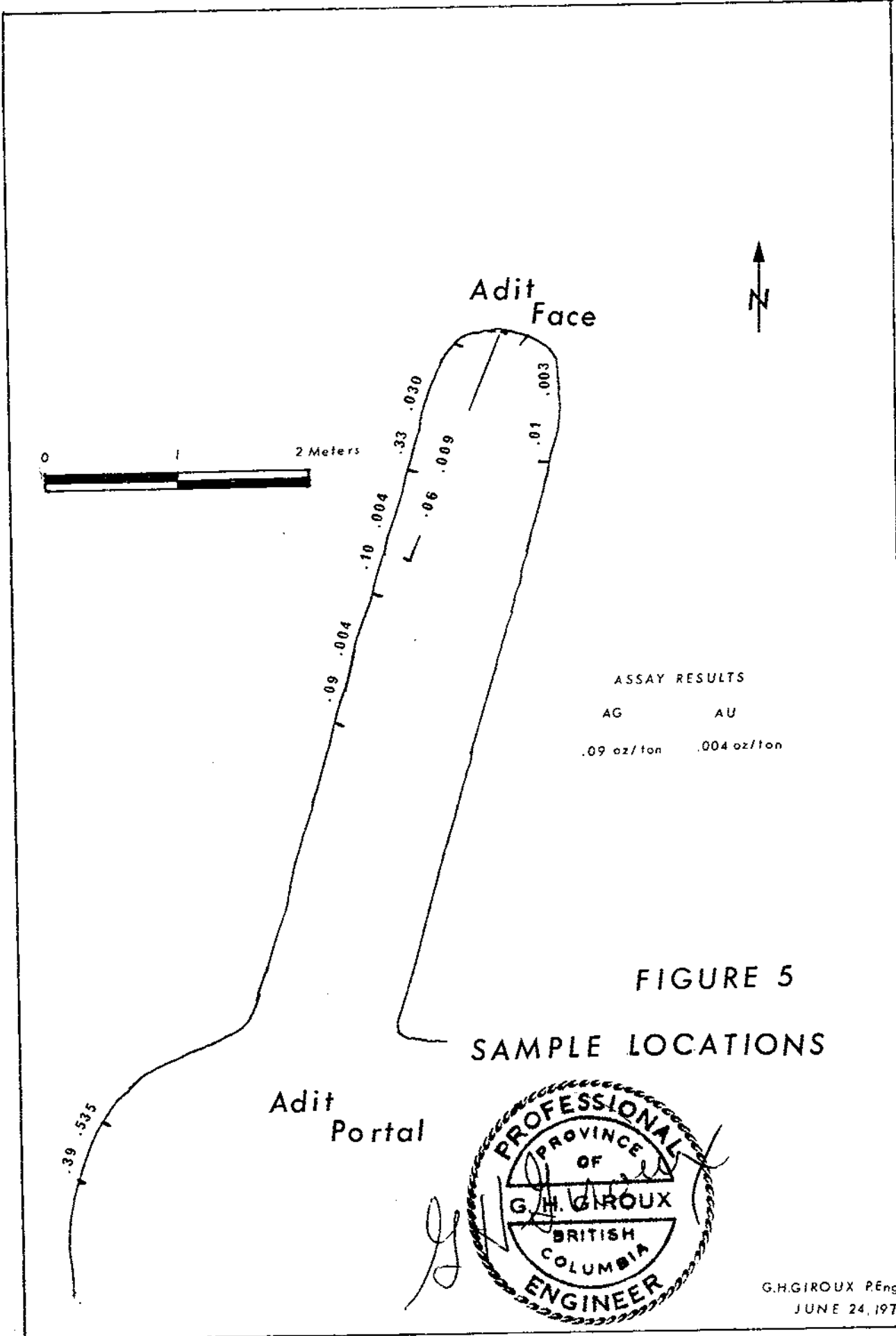
FIGURE 4

APPARENT RESISTIVITY



P.C.O. ...  
Nov 18/76





CONCLUSIONS AND RECOMMENDATIONS


The results of the sampling within the adit were not favorable. The sample on the cliff face, however, gave results of .39 oz/ton Ag and .535 oz/ton Au across one half meter. This sample was taken in an area of moderate to high pyrite mineralization and is high enough to warrant further work. The Chargeability and Resistivity results indicate a zone, probably high in pyrite trending NW-SE away from the high sample up the hill.

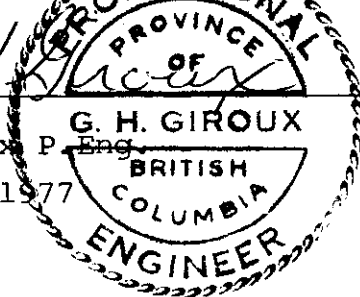
The following work is recommended to test the anomaly and determine if the probable pyrite zone is also high in gold content.

- A bulldozed trench across the Induced Polarization anomaly to get down to bed-rock.

- Detailed sampling of any rock exposed, with samples tested for gold and silver.

Respectfully submitted,

  
G.H. Giroux P. Eng.  
June 24, 1977



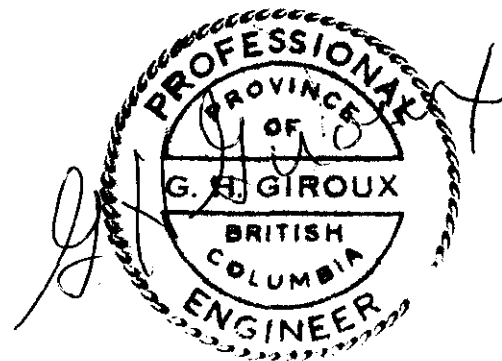
A circular professional seal for G.H. Giroux, a Professional Engineer in the Province of British Columbia. The seal features the text 'PROFESSIONAL PROVINCE OF BRITISH COLUMBIA ENGINEER' around the perimeter. The name 'G. H. GIROUX' is printed in the center, with 'P. Eng.' written below it. A handwritten signature is visible over the seal.

COSTS

Induced Polarization Survey	
2 men 1 day	\$250.00
Sample Analysis	
6 rock samples tested for Au and Ag	65.00
Engineering	
2 days @ \$150.00/day	<u>300.00</u>
	Total
	\$ 615.00

BIBLIOGRAPHY

1. Roddick, J.A. (1953-55) "Geology Pitt Lake", Map 1151A to accompany G.S.C. Memoir 335
2. Chase, B. (1976) A letter to Frank Noel describing the work done on the SPANER CLAIM.



CERTIFICATE

I, G.H.Giroux, of Vancouver, British Columbia, hereby certify that:

1. I am a geological engineer and reside at 2800 Dollarton Highway North Vancouver, British Columbia.
2. I am a graduate of the University of British Columbia: B.Ap.Sc. in 1970.
3. I have practiced my profession since 1973.
4. I am a member of the Association of Professional Engineers of British Columbia.
5. I have no interest, direct or indirect in the SPANER CLAIM owned by Frank Noel.
6. I have based this report on a visit to the property and a letter written by Bill Chase on an Induced Polarization Survey conducted by him on November 18, 1976.

Dated at Vancouver, B.C. this 24 day of June 1977.



G.H.Giroux P.Eng.  
2800 Dollarton Highway  
North Vancouver, B.C.

